



CITTA' DI NETTUNO

Città Metropolitana di Roma Capitale



Lavori di completamento Teatro Comunale 2° Lotto Funzionale
CIG 73836794A CUP G71E17000130004

PROGETTO ESECUTIVO

Responsabile dell' Integrazione fra le varie
specialistiche: Ing. Alfredo Ingletti

Il Progettista Mandataria:

Mandante:



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Ing. Giovanni Maria Cepparotti

Responsabile Unico del Procedimento:
Arch. Stefano Bernicchia

TITOLO ELABORATO:

PROGETTO STRUTTURALE

ALLEGATI DI CALCOLO STRUTTURE - PARTE 2

CODICE PROGETTO		NOME FILE		REVISIONE	SCALA:
PROGETTO	LIV. PROG.	PE03STRRE04B			
1012752	E	CODICE ELAB.	PE03STRRE04	B	-
C					
B	ISTRUTTORIA GENIO CIVILE		19.11.2019	H.GURASHI	L.MEZZADRI
A	EMISSIONE		15.05.2019	H.GURASHI	L.MEZZADRI
REV.	DESCRIZIONE		DATA	REDATTO	VERIFICATO
					APPROVATO

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
116	177	SISMA SLV X	0.2105	0.3902	0.0258
116	58	SISMA SLV X	0.1347	0.2503	0.0518
116	55	SISMA SLV X	0.1406	0.2909	0.0446
116	174	SISMA SLV Y	0.099	0.194	0.0358
116	177	SISMA SLV Y	0.1402	0.2051	0.0185
116	58	SISMA SLV Y	0.1061	0.1168	0.055
116	55	SISMA SLV Y	0.0731	0.129	0.0624
116	174	SISMA SLD X	0.1077	0.2147	0.0287
116	177	SISMA SLD X	0.1028	0.1906	0.0126
116	58	SISMA SLD X	0.0658	0.1223	0.0253
116	55	SISMA SLD X	0.0687	0.1421	0.0218
116	174	SISMA SLD Y	0.0484	0.0947	0.0175
116	177	SISMA SLD Y	0.0685	0.1002	0.0091
116	58	SISMA SLD Y	0.0518	0.057	0.0269
116	55	SISMA SLD Y	0.0357	0.063	0.0305
116	174	SISMA SLO X	0.0892	0.1779	0.0238
116	177	SISMA SLO X	0.0852	0.1579	0.0105
116	58	SISMA SLO X	0.0545	0.1013	0.021
116	55	SISMA SLO X	0.0569	0.1177	0.018
116	174	SISMA SLO Y	0.0401	0.0785	0.0145
116	177	SISMA SLO Y	0.0567	0.083	0.0075
116	58	SISMA SLO Y	0.0429	0.0472	0.0222
116	55	SISMA SLO Y	0.0296	0.0522	0.0252
116	174	SLT	0.	0.	0.
116	177	SLT	0.	0.	0.
116	58	SLT	0.	0.	0.
116	55	SLT	0.	0.	0.
116	174	~TorsionSISMA SLV X	0.	0.	0.
116	177	~TorsionSISMA SLV X	0.	0.	0.
116	58	~TorsionSISMA SLV X	0.	0.	0.
116	55	~TorsionSISMA SLV X	0.	0.	0.
116	174	~TorsionSISMA SLV Y	0.	0.	0.
116	177	~TorsionSISMA SLV Y	0.	0.	0.
116	58	~TorsionSISMA SLV Y	0.	0.	0.
116	55	~TorsionSISMA SLV Y	0.	0.	0.
116	174	~TorsionSISMA SLD X	0.	0.	0.
116	177	~TorsionSISMA SLD X	0.	0.	0.
116	58	~TorsionSISMA SLD X	0.	0.	0.
116	55	~TorsionSISMA SLD X	0.	0.	0.
116	174	~TorsionSISMA SLD Y	0.	0.	0.
116	177	~TorsionSISMA SLD Y	0.	0.	0.
116	58	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
116	55	~TorsionSISMA SLD Y	0.	0.	0.
116	174	~TorsionSISMA SLO X	0.	0.	0.
116	177	~TorsionSISMA SLO X	0.	0.	0.
116	58	~TorsionSISMA SLO X	0.	0.	0.
116	55	~TorsionSISMA SLO X	0.	0.	0.
116	174	~TorsionSISMA SLO Y	0.	0.	0.
116	177	~TorsionSISMA SLO Y	0.	0.	0.
116	58	~TorsionSISMA SLO Y	0.	0.	0.
116	55	~TorsionSISMA SLO Y	0.	0.	0.
117	55	G1_K	-0.3718	-0.8806	-0.2261
117	58	G1_K	-0.6294	-1.6521	0.154
117	125	G1_K	-0.4806	-2.2232	-0.1924
117	130	G1_K	-0.2244	-1.437	-0.5724
117	55	G2_K	0.9794	1.122	0.981
117	58	G2_K	1.0542	0.9116	-0.0497
117	125	G2_K	-0.4563	-3.1064	-0.1586
117	130	G2_K	-0.5264	-2.8884	0.8721
117	55	Q_K	-0.2381	-0.5658	-0.1534
117	58	Q_K	-0.4084	-1.0575	0.0992
117	125	Q_K	-0.306	-1.4191	-0.121
117	130	Q_K	-0.1366	-0.9181	-0.3736
117	55	N_K	-0.0286	-0.0679	-0.0184
117	58	N_K	-0.049	-0.1269	0.0119
117	125	N_K	-0.0367	-0.1703	-0.0145
117	130	N_K	-0.0164	-0.1102	-0.0448
117	55	T+_K	0.	0.	0.
117	58	T+_K	0.	0.	0.
117	125	T+_K	0.	0.	0.
117	130	T+_K	0.	0.	0.
117	55	T-_K	0.	0.	0.
117	58	T-_K	0.	0.	0.
117	125	T-_K	0.	0.	0.
117	130	T-_K	0.	0.	0.
117	55	G1_D	-0.4833	-1.1448	-0.2939
117	58	G1_D	-0.8183	-2.1477	0.2001
117	125	G1_D	-0.6248	-2.8901	-0.2501
117	130	G1_D	-0.2917	-1.8681	-0.7442
117	55	G2_D	1.2732	1.4586	1.2753
117	58	G2_D	1.3705	1.1851	-0.0647
117	125	G2_D	-0.5932	-4.0383	-0.2062
117	130	G2_D	-0.6843	-3.7549	1.1338
117	55	Q_D	-0.3572	-0.8486	-0.2301
117	58	Q_D	-0.6126	-1.5862	0.1487
117	125	Q_D	-0.4591	-2.1287	-0.1815
117	130	Q_D	-0.2048	-1.3772	-0.5604
117	55	N_D	-0.0429	-0.1018	-0.0276
117	58	N_D	-0.0735	-0.1903	0.0178

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
117	125	N_D	-0.0551	-0.2554	-0.0218
117	130	N_D	-0.0246	-0.1653	-0.0673
117	55	T+_D	0.	0.	0.
117	58	T+_D	0.	0.	0.
117	125	T+_D	0.	0.	0.
117	130	T+_D	0.	0.	0.
117	55	T-_D	0.	0.	0.
117	58	T-_D	0.	0.	0.
117	125	T-_D	0.	0.	0.
117	130	T-_D	0.	0.	0.
117	55	W+_K	0.	0.	0.
117	58	W+_K	0.	0.	0.
117	125	W+_K	0.	0.	0.
117	130	W+_K	0.	0.	0.
117	55	W-_K	0.	0.	0.
117	58	W-_K	0.	0.	0.
117	125	W-_K	0.	0.	0.
117	130	W-_K	0.	0.	0.
117	55	W+_D	0.	0.	0.
117	58	W+_D	0.	0.	0.
117	125	W+_D	0.	0.	0.
117	130	W+_D	0.	0.	0.
117	55	W-_D	0.	0.	0.
117	58	W-_D	0.	0.	0.
117	125	W-_D	0.	0.	0.
117	130	W-_D	0.	0.	0.
117	55	SISMA SLV X	0.1373	0.2506	0.0535
117	58	SISMA SLV X	0.1282	0.2582	0.0343
117	125	SISMA SLV X	0.0564	0.3582	0.05
117	130	SISMA SLV X	0.0495	0.266	0.0764
117	55	SISMA SLV Y	0.0624	0.1338	0.0908
117	58	SISMA SLV Y	0.107	0.1127	0.0254
117	125	SISMA SLV Y	0.0369	0.1675	0.0253
117	130	SISMA SLV Y	0.0912	0.1241	0.069
117	55	SISMA SLD X	0.0671	0.1224	0.0261
117	58	SISMA SLD X	0.0626	0.1261	0.0167
117	125	SISMA SLD X	0.0275	0.175	0.0244
117	130	SISMA SLD X	0.0242	0.1299	0.0373
117	55	SISMA SLD Y	0.0305	0.0654	0.0444
117	58	SISMA SLD Y	0.0523	0.055	0.0124
117	125	SISMA SLD Y	0.018	0.0818	0.0123
117	130	SISMA SLD Y	0.0445	0.0606	0.0337
117	55	SISMA SLO X	0.0556	0.1014	0.0216
117	58	SISMA SLO X	0.0519	0.1045	0.0139
117	125	SISMA SLO X	0.0228	0.145	0.0202
117	130	SISMA SLO X	0.02	0.1076	0.0309
117	55	SISMA SLO Y	0.0253	0.0541	0.0367
117	58	SISMA SLO Y	0.0433	0.0456	0.0103
117	125	SISMA SLO Y	0.0149	0.0678	0.0102
117	130	SISMA SLO Y	0.0369	0.0502	0.0279
117	55	SLT	0.	0.	0.
117	58	SLT	0.	0.	0.
117	125	SLT	0.	0.	0.
117	130	SLT	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
117	55	~TorsionSISMA SLV X	0.	0.	0.
117	58	~TorsionSISMA SLV X	0.	0.	0.
117	125	~TorsionSISMA SLV X	0.	0.	0.
117	130	~TorsionSISMA SLV X	0.	0.	0.
117	55	~TorsionSISMA SLV Y	0.	0.	0.
117	58	~TorsionSISMA SLV Y	0.	0.	0.
117	125	~TorsionSISMA SLV Y	0.	0.	0.
117	130	~TorsionSISMA SLV Y	0.	0.	0.
117	55	~TorsionSISMA SLD X	0.	0.	0.
117	58	~TorsionSISMA SLD X	0.	0.	0.
117	125	~TorsionSISMA SLD X	0.	0.	0.
117	130	~TorsionSISMA SLD X	0.	0.	0.
117	55	~TorsionSISMA SLD Y	0.	0.	0.
117	58	~TorsionSISMA SLD Y	0.	0.	0.
117	125	~TorsionSISMA SLD Y	0.	0.	0.
117	130	~TorsionSISMA SLD Y	0.	0.	0.
117	55	~TorsionSISMA SLO X	0.	0.	0.
117	58	~TorsionSISMA SLO X	0.	0.	0.
117	125	~TorsionSISMA SLO X	0.	0.	0.
117	130	~TorsionSISMA SLO X	0.	0.	0.
117	55	~TorsionSISMA SLO Y	0.	0.	0.
117	58	~TorsionSISMA SLO Y	0.	0.	0.
117	125	~TorsionSISMA SLO Y	0.	0.	0.
117	130	~TorsionSISMA SLO Y	0.	0.	0.
118	175	G1_K	0.0689	0.3881	0.0112
118	178	G1_K	0.0679	0.2955	-0.011
118	59	G1_K	0.0057	0.0581	-0.0553
118	56	G1_K	0.0061	0.1521	-0.0332
118	175	G2_K	-1.7258	-9.4925	-0.3708
118	178	G2_K	-1.6903	-7.588	0.3757
118	59	G2_K	0.4352	0.4559	1.2619
118	56	G2_K	0.3981	-1.3771	0.5154
118	175	Q_K	0.0391	0.232	0.0115
118	178	Q_K	0.0393	0.1603	-0.0115
118	59	Q_K	-0.0025	0.0296	-0.0455

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
118	56	Q_K	-0.0029	0.1005	-0.0225
118	175	N_K	0.0047	0.0278	0.0014
118	178	N_K	0.0047	0.0192	-0.0014
118	59	N_K	-3.004E-04	0.0036	-0.0055
118	56	N_K	-3.537E-04	0.0121	-0.0027
118	175	T+_K	0.	0.	0.
118	178	T+_K	0.	0.	0.
118	59	T+_K	0.	0.	0.
118	56	T+_K	0.	0.	0.
118	175	T-_K	0.	0.	0.
118	178	T-_K	0.	0.	0.
118	59	T-_K	0.	0.	0.
118	56	T-_K	0.	0.	0.
118	175	G1_D	0.0895	0.5046	0.0145
118	178	G1_D	0.0882	0.3842	-0.0143
118	59	G1_D	0.0074	0.0756	-0.0719
118	56	G1_D	0.008	0.1977	-0.0431
118	175	G2_D	-2.2435	-12.3402	-0.4821
118	178	G2_D	-2.1974	-9.8644	0.4884
118	59	G2_D	0.5658	0.5926	1.6405
118	56	G2_D	0.5175	-1.7902	0.67
118	175	Q_D	0.0587	0.348	0.0173
118	178	Q_D	0.059	0.2404	-0.0173
118	59	Q_D	-0.0038	0.0444	-0.0682
118	56	Q_D	-0.0044	0.1507	-0.0337
118	175	N_D	0.007	0.0418	0.0021
118	178	N_D	0.0071	0.0289	-0.0021
118	59	N_D	-4.507E-04	0.0053	-0.0082
118	56	N_D	-5.306E-04	0.0181	-0.004
118	175	T+_D	0.	0.	0.
118	178	T+_D	0.	0.	0.
118	59	T+_D	0.	0.	0.
118	56	T+_D	0.	0.	0.
118	175	T-_D	0.	0.	0.
118	178	T-_D	0.	0.	0.
118	59	T-_D	0.	0.	0.
118	56	T-_D	0.	0.	0.
118	175	W+_K	0.	0.	0.
118	178	W+_K	0.	0.	0.
118	59	W+_K	0.	0.	0.
118	56	W+_K	0.	0.	0.
118	175	W-_K	0.	0.	0.
118	178	W-_K	0.	0.	0.
118	59	W-_K	0.	0.	0.
118	56	W-_K	0.	0.	0.
118	175	W+_D	0.	0.	0.
118	178	W+_D	0.	0.	0.
118	59	W+_D	0.	0.	0.
118	56	W+_D	0.	0.	0.
118	175	W-_D	0.	0.	0.
118	178	W-_D	0.	0.	0.
118	59	W-_D	0.	0.	0.
118	56	W-_D	0.	0.	0.
118	175	SISMA SLV X	0.1376	0.7578	0.0125

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
118	178	SISMA SLV X	0.136	0.6104	0.0124
118	59	SISMA SLV X	0.0357	0.1586	0.083
118	56	SISMA SLV X	0.0336	0.3045	0.0645
118	175	SISMA SLV Y	0.0733	0.379	0.0143
118	178	SISMA SLV Y	0.0679	0.3269	0.0146
118	59	SISMA SLV Y	0.0209	0.0875	0.0374
118	56	SISMA SLV Y	0.0153	0.1408	0.0331
118	175	SISMA SLD X	0.0672	0.3701	0.0061
118	178	SISMA SLD X	0.0664	0.2982	0.006
118	59	SISMA SLD X	0.0174	0.0774	0.0405
118	56	SISMA SLD X	0.0164	0.1487	0.0315
118	175	SISMA SLD Y	0.0358	0.1851	0.007
118	178	SISMA SLD Y	0.0332	0.1597	0.0071
118	59	SISMA SLD Y	0.0102	0.0427	0.0183
118	56	SISMA SLD Y	0.0075	0.0688	0.0162
118	175	SISMA SLO X	0.0557	0.3066	0.0051
118	178	SISMA SLO X	0.055	0.2469	0.005
118	59	SISMA SLO X	0.0144	0.0641	0.0336
118	56	SISMA SLO X	0.0136	0.1232	0.0261
118	175	SISMA SLO Y	0.0296	0.1533	0.0058
118	178	SISMA SLO Y	0.0275	0.1322	0.0059
118	59	SISMA SLO Y	0.0085	0.0354	0.0151
118	56	SISMA SLO Y	0.0062	0.0569	0.0134
118	175	SLT	0.	0.	0.
118	178	SLT	0.	0.	0.
118	59	SLT	0.	0.	0.
118	56	SLT	0.	0.	0.
118	175	~TorsionSISMA SLV X	0.	0.	0.
118	178	~TorsionSISMA SLV X	0.	0.	0.
118	59	~TorsionSISMA SLV X	0.	0.	0.
118	56	~TorsionSISMA SLV X	0.	0.	0.
118	175	~TorsionSISMA SLV Y	0.	0.	0.
118	178	~TorsionSISMA SLV Y	0.	0.	0.
118	59	~TorsionSISMA SLV Y	0.	0.	0.
118	56	~TorsionSISMA SLV Y	0.	0.	0.
118	175	~TorsionSISMA SLD X	0.	0.	0.
118	178	~TorsionSISMA SLD X	0.	0.	0.
118	59	~TorsionSISMA SLD X	0.	0.	0.
118	56	~TorsionSISMA SLD X	0.	0.	0.
118	175	~TorsionSISMA SLD Y	0.	0.	0.
118	178	~TorsionSISMA SLD Y	0.	0.	0.
118	59	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
118	56	~TorsionSISMA SLD Y	0.	0.	0.
118	175	~TorsionSISMA SLO X	0.	0.	0.
118	178	~TorsionSISMA SLO X	0.	0.	0.
118	59	~TorsionSISMA SLO X	0.	0.	0.
118	56	~TorsionSISMA SLO X	0.	0.	0.
118	175	~TorsionSISMA SLO Y	0.	0.	0.
118	178	~TorsionSISMA SLO Y	0.	0.	0.
118	59	~TorsionSISMA SLO Y	0.	0.	0.
118	56	~TorsionSISMA SLO Y	0.	0.	0.
119	56	G1_K	0.0155	0.2742	-0.012
119	59	G1_K	0.0452	0.1803	-0.0761
119	179	G1_K	-0.0464	-0.0639	-0.1249
119	176	G1_K	-0.0773	0.0347	-0.0607
119	56	G2_K	0.7795	-0.3631	0.2449
119	59	G2_K	-0.0146	-0.9003	1.5296
119	179	G2_K	1.6474	2.9998	1.3421
119	176	G2_K	2.4425	3.5675	0.0574
119	56	Q_K	-0.0023	0.159	-0.0123
119	59	Q_K	0.0257	0.1154	-0.0553
119	179	Q_K	-0.0314	-0.0261	-0.0794
119	176	Q_K	-0.0602	0.0202	-0.0364
119	56	N_K	-2.794E-04	0.0191	-0.0015
119	59	N_K	0.0031	0.0139	-0.0066
119	179	N_K	-0.0038	-0.0031	-0.0095
119	176	N_K	-0.0072	0.0024	-0.0044
119	56	T+_K	0.	0.	0.
119	59	T+_K	0.	0.	0.
119	179	T+_K	0.	0.	0.
119	176	T+_K	0.	0.	0.
119	56	T-_K	0.	0.	0.
119	59	T-_K	0.	0.	0.
119	179	T-_K	0.	0.	0.
119	176	T-_K	0.	0.	0.
119	56	G1_D	0.0201	0.3565	-0.0156
119	59	G1_D	0.0588	0.2343	-0.099
119	179	G1_D	-0.0604	-0.0831	-0.1623
119	176	G1_D	-0.1005	0.0452	-0.079
119	56	G2_D	1.0133	-0.472	0.3184
119	59	G2_D	-0.019	-1.1703	1.9885
119	179	G2_D	2.1417	3.8997	1.7447
119	176	G2_D	3.1753	4.6377	0.0747
119	56	Q_D	-0.0035	0.2384	-0.0185
119	59	Q_D	0.0386	0.1732	-0.083
119	179	Q_D	-0.0471	-0.0392	-0.1191
119	176	Q_D	-0.0903	0.0302	-0.0546
119	56	N_D	-4.190E-04	0.0286	-0.0022
119	59	N_D	0.0046	0.0208	-0.01

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
119	179	N_D	-0.0057	-0.0047	-0.0143
119	176	N_D	-0.0108	0.0036	-0.0065
119	56	T+_D	0.	0.	0.
119	59	T+_D	0.	0.	0.
119	179	T+_D	0.	0.	0.
119	176	T+_D	0.	0.	0.
119	56	T-_D	0.	0.	0.
119	59	T-_D	0.	0.	0.
119	179	T-_D	0.	0.	0.
119	176	T-_D	0.	0.	0.
119	56	W+_K	0.	0.	0.
119	59	W+_K	0.	0.	0.
119	179	W+_K	0.	0.	0.
119	176	W+_K	0.	0.	0.
119	56	W-_K	0.	0.	0.
119	59	W-_K	0.	0.	0.
119	179	W-_K	0.	0.	0.
119	176	W-_K	0.	0.	0.
119	56	W+_D	0.	0.	0.
119	59	W+_D	0.	0.	0.
119	179	W+_D	0.	0.	0.
119	176	W+_D	0.	0.	0.
119	56	W-_D	0.	0.	0.
119	59	W-_D	0.	0.	0.
119	179	W-_D	0.	0.	0.
119	176	W-_D	0.	0.	0.
119	56	SISMA SLV X	0.0186	0.3207	0.0437
119	59	SISMA SLV X	0.0839	0.2917	0.1061
119	179	SISMA SLV X	0.0632	0.1356	0.1263
119	176	SISMA SLV X	0.1181	0.1146	0.0636
119	56	SISMA SLV Y	0.0141	0.1533	0.0278
119	59	SISMA SLV Y	0.0428	0.1406	0.0481
119	179	SISMA SLV Y	0.074	0.0839	0.0561
119	176	SISMA SLV Y	0.0638	0.077	0.0356
119	56	SISMA SLD X	0.0091	0.1566	0.0214
119	59	SISMA SLD X	0.041	0.1424	0.0518
119	179	SISMA SLD X	0.0308	0.0662	0.0617
119	176	SISMA SLD X	0.0577	0.056	0.0311
119	56	SISMA SLD Y	0.0069	0.0749	0.0136
119	59	SISMA SLD Y	0.0209	0.0687	0.0235
119	179	SISMA SLD Y	0.0362	0.041	0.0274
119	176	SISMA SLD Y	0.0312	0.0376	0.0174
119	56	SISMA SLO X	0.0075	0.1297	0.0177
119	59	SISMA SLO X	0.034	0.118	0.0429
119	179	SISMA SLO X	0.0255	0.0548	0.0511
119	176	SISMA SLO X	0.0478	0.0463	0.0257
119	56	SISMA SLO Y	0.0057	0.062	0.0113
119	59	SISMA SLO Y	0.0173	0.0569	0.0195
119	179	SISMA SLO Y	0.0299	0.0339	0.0227
119	176	SISMA SLO Y	0.0258	0.0311	0.0144
119	56	SLT	0.	0.	0.
119	59	SLT	0.	0.	0.
119	179	SLT	0.	0.	0.
119	176	SLT	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
119	56	~TorsionSISMA SLV X	0.	0.	0.
119	59	~TorsionSISMA SLV X	0.	0.	0.
119	179	~TorsionSISMA SLV X	0.	0.	0.
119	176	~TorsionSISMA SLV X	0.	0.	0.
119	56	~TorsionSISMA SLV Y	0.	0.	0.
119	59	~TorsionSISMA SLV Y	0.	0.	0.
119	179	~TorsionSISMA SLV Y	0.	0.	0.
119	176	~TorsionSISMA SLV Y	0.	0.	0.
119	56	~TorsionSISMA SLD X	0.	0.	0.
119	59	~TorsionSISMA SLD X	0.	0.	0.
119	179	~TorsionSISMA SLD X	0.	0.	0.
119	176	~TorsionSISMA SLD X	0.	0.	0.
119	56	~TorsionSISMA SLD Y	0.	0.	0.
119	59	~TorsionSISMA SLD Y	0.	0.	0.
119	179	~TorsionSISMA SLD Y	0.	0.	0.
119	176	~TorsionSISMA SLD Y	0.	0.	0.
119	56	~TorsionSISMA SLO X	0.	0.	0.
119	59	~TorsionSISMA SLO X	0.	0.	0.
119	179	~TorsionSISMA SLO X	0.	0.	0.
119	176	~TorsionSISMA SLO X	0.	0.	0.
119	56	~TorsionSISMA SLO Y	0.	0.	0.
119	59	~TorsionSISMA SLO Y	0.	0.	0.
119	179	~TorsionSISMA SLO Y	0.	0.	0.
119	176	~TorsionSISMA SLO Y	0.	0.	0.
120	176	G1_K	-0.0731	0.1269	0.0051
120	179	G1_K	0.0078	0.1362	-0.1914
120	60	G1_K	-0.1825	-0.1417	-0.1941
120	57	G1_K	-0.2637	-0.1531	0.0024
120	176	G2_K	2.5292	3.5224	0.3968
120	179	G2_K	1.3587	2.0345	1.0015
120	60	G2_K	1.9522	2.9294	0.403
120	57	G2_K	3.1235	4.4229	-0.2017
120	176	Q_K	-0.0576	0.0819	0.0024
120	179	Q_K	0.002	0.0921	-0.1186
120	60	Q_K	-0.1149	-0.0772	-0.119

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
120	57	Q_K	-0.1746	-0.089	0.002
120	176	N_K	-0.0069	0.0098	2.873E-04
120	179	N_K	2.413E-04	0.0111	-0.0142
120	60	N_K	-0.0138	-0.0093	-0.0143
120	57	N_K	-0.0209	-0.0107	2.384E-04
120	176	T+_K	0.	0.	0.
120	179	T+_K	0.	0.	0.
120	60	T+_K	0.	0.	0.
120	57	T+_K	0.	0.	0.
120	176	T-_K	0.	0.	0.
120	179	T-_K	0.	0.	0.
120	60	T-_K	0.	0.	0.
120	57	T-_K	0.	0.	0.
120	176	G1_D	-0.0951	0.1649	0.0066
120	179	G1_D	0.0101	0.1771	-0.2488
120	60	G1_D	-0.2373	-0.1842	-0.2523
120	57	G1_D	-0.3428	-0.1991	0.0031
120	176	G2_D	3.2879	4.5792	0.5158
120	179	G2_D	1.7663	2.6448	1.302
120	60	G2_D	2.5379	3.8082	0.5239
120	57	G2_D	4.0605	5.7497	-0.2622
120	176	Q_D	-0.0864	0.1228	0.0036
120	179	Q_D	0.003	0.1382	-0.1779
120	60	Q_D	-0.1723	-0.1158	-0.1785
120	57	Q_D	-0.2618	-0.1335	0.003
120	176	N_D	-0.0104	0.0147	4.310E-04
120	179	N_D	3.620E-04	0.0166	-0.0213
120	60	N_D	-0.0207	-0.0139	-0.0214
120	57	N_D	-0.0314	-0.016	3.575E-04
120	176	T+_D	0.	0.	0.
120	179	T+_D	0.	0.	0.
120	60	T+_D	0.	0.	0.
120	57	T+_D	0.	0.	0.
120	176	T-_D	0.	0.	0.
120	179	T-_D	0.	0.	0.
120	60	T-_D	0.	0.	0.
120	57	T-_D	0.	0.	0.
120	176	W+_K	0.	0.	0.
120	179	W+_K	0.	0.	0.
120	60	W+_K	0.	0.	0.
120	57	W+_K	0.	0.	0.
120	176	W-_K	0.	0.	0.
120	179	W-_K	0.	0.	0.
120	60	W-_K	0.	0.	0.
120	57	W-_K	0.	0.	0.
120	176	W+_D	0.	0.	0.
120	179	W+_D	0.	0.	0.
120	60	W+_D	0.	0.	0.
120	57	W+_D	0.	0.	0.
120	176	W-_D	0.	0.	0.
120	179	W-_D	0.	0.	0.
120	60	W-_D	0.	0.	0.
120	57	W-_D	0.	0.	0.
120	176	SISMA SLV X	0.1289	0.0927	0.0627

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
120	179	SISMA SLV X	0.0501	0.0661	0.1266
120	60	SISMA SLV X	0.1172	0.2667	0.0906
120	57	SISMA SLV X	0.2334	0.365	0.0268
120	176	SISMA SLV Y	0.0608	0.0437	0.0319
120	179	SISMA SLV Y	0.0788	0.0569	0.0548
120	60	SISMA SLV Y	0.1179	0.1787	0.0417
120	57	SISMA SLV Y	0.1137	0.1895	0.0126
120	176	SISMA SLD X	0.063	0.0453	0.0306
120	179	SISMA SLD X	0.0245	0.0323	0.0618
120	60	SISMA SLD X	0.0572	0.1303	0.0442
120	57	SISMA SLD X	0.114	0.1783	0.0131
120	176	SISMA SLD Y	0.0297	0.0213	0.0156
120	179	SISMA SLD Y	0.0385	0.0278	0.0268
120	60	SISMA SLD Y	0.0576	0.0873	0.0204
120	57	SISMA SLD Y	0.0555	0.0925	0.0062
120	176	SISMA SLO X	0.0522	0.0374	0.0254
120	179	SISMA SLO X	0.0202	0.0267	0.0512
120	60	SISMA SLO X	0.0474	0.1079	0.0366
120	57	SISMA SLO X	0.0945	0.1477	0.0108
120	176	SISMA SLO Y	0.0246	0.0177	0.0129
120	179	SISMA SLO Y	0.0319	0.023	0.0222
120	60	SISMA SLO Y	0.0477	0.0723	0.0169
120	57	SISMA SLO Y	0.046	0.0766	0.0051
120	176	SLT	0.	0.	0.
120	179	SLT	0.	0.	0.
120	60	SLT	0.	0.	0.
120	57	SLT	0.	0.	0.
120	176	~TorsionSISMA SLV X	0.	0.	0.
120	179	~TorsionSISMA SLV X	0.	0.	0.
120	60	~TorsionSISMA SLV X	0.	0.	0.
120	57	~TorsionSISMA SLV X	0.	0.	0.
120	176	~TorsionSISMA SLV Y	0.	0.	0.
120	179	~TorsionSISMA SLV Y	0.	0.	0.
120	60	~TorsionSISMA SLV Y	0.	0.	0.
120	57	~TorsionSISMA SLV Y	0.	0.	0.
120	176	~TorsionSISMA SLD X	0.	0.	0.
120	179	~TorsionSISMA SLD X	0.	0.	0.
120	60	~TorsionSISMA SLD X	0.	0.	0.
120	57	~TorsionSISMA SLD X	0.	0.	0.
120	176	~TorsionSISMA SLD Y	0.	0.	0.
120	179	~TorsionSISMA SLD Y	0.	0.	0.
120	60	~TorsionSISMA SLD Y	0.	0.	0.

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
120	57	~TorsionSISMA SLD Y	0.	0.	0.
120	176	~TorsionSISMA SLO X	0.	0.	0.
120	179	~TorsionSISMA SLO X	0.	0.	0.
120	60	~TorsionSISMA SLO X	0.	0.	0.
120	57	~TorsionSISMA SLO X	0.	0.	0.
120	176	~TorsionSISMA SLO Y	0.	0.	0.
120	179	~TorsionSISMA SLO Y	0.	0.	0.
120	60	~TorsionSISMA SLO Y	0.	0.	0.
120	57	~TorsionSISMA SLO Y	0.	0.	0.
121	57	G1_K	-0.2625	-0.0834	-0.046
121	60	G1_K	-0.1412	7.336E-04	-0.1455
121	180	G1_K	-0.2766	-0.3378	-0.1174
121	177	G1_K	-0.3985	-0.4203	-0.0179
121	57	G2_K	3.1155	4.4236	0.3078
121	60	G2_K	1.9705	2.98	-0.105
121	180	G2_K	1.4367	1.7103	-0.6861
121	177	G2_K	2.5782	3.164	-0.2733
121	57	Q_K	-0.1741	-0.0474	-0.0276
121	60	Q_K	-0.0909	0.0034	-0.0893
121	180	Q_K	-0.1753	-0.209	-0.0732
121	177	Q_K	-0.2589	-0.259	-0.0115
121	57	N_K	-0.0209	-0.0057	-0.0033
121	60	N_K	-0.0109	4.079E-04	-0.0107
121	180	N_K	-0.021	-0.0251	-0.0088
121	177	N_K	-0.0311	-0.0311	-0.0014
121	57	T+_K	0.	0.	0.
121	60	T+_K	0.	0.	0.
121	180	T+_K	0.	0.	0.
121	177	T+_K	0.	0.	0.
121	57	T-_K	0.	0.	0.
121	60	T-_K	0.	0.	0.
121	180	T-_K	0.	0.	0.
121	177	T-_K	0.	0.	0.
121	57	G1_D	-0.3413	-0.1084	-0.0598
121	60	G1_D	-0.1836	9.537E-04	-0.1891
121	180	G1_D	-0.3595	-0.4391	-0.1526
121	177	G1_D	-0.518	-0.5463	-0.0233
121	57	G2_D	4.0501	5.7507	0.4002
121	60	G2_D	2.5617	3.874	-0.1365
121	180	G2_D	1.8677	2.2234	-0.8919
121	177	G2_D	3.3516	4.1132	-0.3552
121	57	Q_D	-0.2612	-0.0711	-0.0414
121	60	Q_D	-0.1363	0.0051	-0.1339
121	180	Q_D	-0.263	-0.3135	-0.1098
121	177	Q_D	-0.3884	-0.3885	-0.0173
121	57	N_D	-0.0313	-0.0085	-0.005
121	60	N_D	-0.0164	6.118E-04	-0.0161

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
121	180	N_D	-0.0316	-0.0376	-0.0132
121	177	N_D	-0.0466	-0.0466	-0.0021
121	57	T+_D	0.	0.	0.
121	60	T+_D	0.	0.	0.
121	180	T+_D	0.	0.	0.
121	177	T+_D	0.	0.	0.
121	57	T-_D	0.	0.	0.
121	60	T-_D	0.	0.	0.
121	180	T-_D	0.	0.	0.
121	177	T-_D	0.	0.	0.
121	57	W+_K	0.	0.	0.
121	60	W+_K	0.	0.	0.
121	180	W+_K	0.	0.	0.
121	177	W+_K	0.	0.	0.
121	57	W-_K	0.	0.	0.
121	60	W-_K	0.	0.	0.
121	180	W-_K	0.	0.	0.
121	177	W-_K	0.	0.	0.
121	57	W+_D	0.	0.	0.
121	60	W+_D	0.	0.	0.
121	180	W+_D	0.	0.	0.
121	177	W+_D	0.	0.	0.
121	57	W-_D	0.	0.	0.
121	60	W-_D	0.	0.	0.
121	180	W-_D	0.	0.	0.
121	177	W-_D	0.	0.	0.
121	57	SISMA SLV X	0.2325	0.3325	0.0509
121	60	SISMA SLV X	0.0969	0.1525	0.0644
121	180	SISMA SLV X	0.1181	0.2549	0.0228
121	177	SISMA SLV X	0.2629	0.4372	0.0275
121	57	SISMA SLV Y	0.108	0.1641	0.0244
121	60	SISMA SLV Y	0.1199	0.1327	0.0279
121	180	SISMA SLV Y	0.1235	0.183	0.0174
121	177	SISMA SLV Y	0.1199	0.2186	0.0256
121	57	SISMA SLD X	0.1135	0.1624	0.0249
121	60	SISMA SLD X	0.0473	0.0745	0.0314
121	180	SISMA SLD X	0.0577	0.1245	0.0112
121	177	SISMA SLD X	0.1284	0.2136	0.0134
121	57	SISMA SLD Y	0.0528	0.0801	0.0119
121	60	SISMA SLD Y	0.0586	0.0648	0.0136
121	180	SISMA SLD Y	0.0603	0.0894	0.0085
121	177	SISMA SLD Y	0.0586	0.1068	0.0125
121	57	SISMA SLO X	0.0941	0.1345	0.0206
121	60	SISMA SLO X	0.0392	0.0617	0.026
121	180	SISMA SLO X	0.0477	0.1031	0.0092
121	177	SISMA SLO X	0.1064	0.1769	0.0111
121	57	SISMA SLO Y	0.0437	0.0664	0.0099
121	60	SISMA SLO Y	0.0485	0.0537	0.0113
121	180	SISMA SLO Y	0.0499	0.074	0.0071
121	177	SISMA SLO Y	0.0485	0.0884	0.0104
121	57	SLT	0.	0.	0.
121	60	SLT	0.	0.	0.
121	180	SLT	0.	0.	0.
121	177	SLT	0.	0.	0.

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
121	57	~TorsionSISMA SLV X	0.	0.	0.
121	60	~TorsionSISMA SLV X	0.	0.	0.
121	180	~TorsionSISMA SLV X	0.	0.	0.
121	177	~TorsionSISMA SLV X	0.	0.	0.
121	57	~TorsionSISMA SLV Y	0.	0.	0.
121	60	~TorsionSISMA SLV Y	0.	0.	0.
121	180	~TorsionSISMA SLV Y	0.	0.	0.
121	177	~TorsionSISMA SLV Y	0.	0.	0.
121	57	~TorsionSISMA SLD X	0.	0.	0.
121	60	~TorsionSISMA SLD X	0.	0.	0.
121	180	~TorsionSISMA SLD X	0.	0.	0.
121	177	~TorsionSISMA SLD X	0.	0.	0.
121	57	~TorsionSISMA SLD Y	0.	0.	0.
121	60	~TorsionSISMA SLD Y	0.	0.	0.
121	180	~TorsionSISMA SLD Y	0.	0.	0.
121	177	~TorsionSISMA SLD Y	0.	0.	0.
121	57	~TorsionSISMA SLO X	0.	0.	0.
121	60	~TorsionSISMA SLO X	0.	0.	0.
121	180	~TorsionSISMA SLO X	0.	0.	0.
121	177	~TorsionSISMA SLO X	0.	0.	0.
121	57	~TorsionSISMA SLO Y	0.	0.	0.
121	60	~TorsionSISMA SLO Y	0.	0.	0.
121	180	~TorsionSISMA SLO Y	0.	0.	0.
121	177	~TorsionSISMA SLO Y	0.	0.	0.
122	177	G1_K	-0.4422	-0.6083	-0.0223
122	180	G1_K	-0.2473	-0.2219	-0.1145
122	61	G1_K	-0.3991	-0.6541	0.0546
122	58	G1_K	-0.5924	-1.0557	0.1468
122	177	G2_K	2.5279	3.4471	9.106E-04
122	180	G2_K	1.7266	2.6255	-0.9601
122	61	G2_K	0.5106	-0.1798	-1.276
122	58	G2_K	1.3065	0.6446	-0.3151
122	177	Q_K	-0.2876	-0.3872	-0.0152
122	180	Q_K	-0.1581	-0.1378	-0.0705
122	61	Q_K	-0.2526	-0.4132	0.0383

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
122	58	Q_K	-0.381	-0.6725	0.0937
122	177	N_K	-0.0345	-0.0465	-0.0018
122	180	N_K	-0.019	-0.0165	-0.0085
122	61	N_K	-0.0303	-0.0496	0.0046
122	58	N_K	-0.0457	-0.0807	0.0112
122	177	T+_K	0.	0.	0.
122	180	T+_K	0.	0.	0.
122	61	T+_K	0.	0.	0.
122	58	T+_K	0.	0.	0.
122	177	T-_K	0.	0.	0.
122	180	T-_K	0.	0.	0.
122	61	T-_K	0.	0.	0.
122	58	T-_K	0.	0.	0.
122	177	G1_D	-0.5749	-0.7908	-0.029
122	180	G1_D	-0.3214	-0.2884	-0.1489
122	61	G1_D	-0.5189	-0.8504	0.071
122	58	G1_D	-0.7701	-1.3725	0.1909
122	177	G2_D	3.2863	4.4813	0.0012
122	180	G2_D	2.2446	3.4131	-1.2481
122	61	G2_D	0.6637	-0.2338	-1.6589
122	58	G2_D	1.6984	0.838	-0.4096
122	177	Q_D	-0.4314	-0.5807	-0.0227
122	180	Q_D	-0.2371	-0.2067	-0.1058
122	61	Q_D	-0.3789	-0.6198	0.0574
122	58	Q_D	-0.5714	-1.0088	0.1405
122	177	N_D	-0.0518	-0.0697	-0.0027
122	180	N_D	-0.0285	-0.0248	-0.0127
122	61	N_D	-0.0455	-0.0744	0.0069
122	58	N_D	-0.0686	-0.1211	0.0169
122	177	T+_D	0.	0.	0.
122	180	T+_D	0.	0.	0.
122	61	T+_D	0.	0.	0.
122	58	T+_D	0.	0.	0.
122	177	T-_D	0.	0.	0.
122	180	T-_D	0.	0.	0.
122	61	T-_D	0.	0.	0.
122	58	T-_D	0.	0.	0.
122	177	W+_K	0.	0.	0.
122	180	W+_K	0.	0.	0.
122	61	W+_K	0.	0.	0.
122	58	W+_K	0.	0.	0.
122	177	W-_K	0.	0.	0.
122	180	W-_K	0.	0.	0.
122	61	W-_K	0.	0.	0.
122	58	W-_K	0.	0.	0.
122	177	W+_D	0.	0.	0.
122	180	W+_D	0.	0.	0.
122	61	W+_D	0.	0.	0.
122	58	W+_D	0.	0.	0.
122	177	W-_D	0.	0.	0.
122	180	W-_D	0.	0.	0.
122	61	W-_D	0.	0.	0.
122	58	W-_D	0.	0.	0.
122	177	SISMA SLV X	0.243	0.3832	0.0154

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
122	180	SISMA SLV X	0.1239	0.2299	0.0415
122	61	SISMA SLV X	0.0816	0.1269	0.0979
122	58	SISMA SLV X	0.1996	0.2763	0.0665
122	177	SISMA SLV Y	0.1075	0.1852	0.0298
122	180	SISMA SLV Y	0.129	0.1545	0.0207
122	61	SISMA SLV Y	0.1035	0.1032	0.0456
122	58	SISMA SLV Y	0.085	0.1267	0.0461
122	177	SISMA SLD X	0.1187	0.1872	0.0075
122	180	SISMA SLD X	0.0605	0.1123	0.0203
122	61	SISMA SLD X	0.0399	0.062	0.0478
122	58	SISMA SLD X	0.0975	0.135	0.0325
122	177	SISMA SLD Y	0.0525	0.0904	0.0146
122	180	SISMA SLD Y	0.063	0.0755	0.0101
122	61	SISMA SLD Y	0.0505	0.0504	0.0223
122	58	SISMA SLD Y	0.0415	0.0619	0.0225
122	177	SISMA SLO X	0.0984	0.1551	0.0062
122	180	SISMA SLO X	0.0501	0.093	0.0168
122	61	SISMA SLO X	0.033	0.0514	0.0396
122	58	SISMA SLO X	0.0808	0.1118	0.0269
122	177	SISMA SLO Y	0.0435	0.0749	0.0121
122	180	SISMA SLO Y	0.0522	0.0625	0.0084
122	61	SISMA SLO Y	0.0418	0.0417	0.0184
122	58	SISMA SLO Y	0.0344	0.0512	0.0186
122	177	SLT	0.	0.	0.
122	180	SLT	0.	0.	0.
122	61	SLT	0.	0.	0.
122	58	SLT	0.	0.	0.
122	177	~TorsionSISMA SLV X	0.	0.	0.
122	180	~TorsionSISMA SLV X	0.	0.	0.
122	61	~TorsionSISMA SLV X	0.	0.	0.
122	58	~TorsionSISMA SLV X	0.	0.	0.
122	177	~TorsionSISMA SLV Y	0.	0.	0.
122	180	~TorsionSISMA SLV Y	0.	0.	0.
122	61	~TorsionSISMA SLV Y	0.	0.	0.
122	58	~TorsionSISMA SLV Y	0.	0.	0.
122	177	~TorsionSISMA SLD X	0.	0.	0.
122	180	~TorsionSISMA SLD X	0.	0.	0.
122	61	~TorsionSISMA SLD X	0.	0.	0.
122	58	~TorsionSISMA SLD X	0.	0.	0.
122	177	~TorsionSISMA SLD Y	0.	0.	0.
122	180	~TorsionSISMA SLD Y	0.	0.	0.
122	61	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
122	58	~TorsionSISMA SLD Y	0.	0.	0.
122	177	~TorsionSISMA SLO X	0.	0.	0.
122	180	~TorsionSISMA SLO X	0.	0.	0.
122	61	~TorsionSISMA SLO X	0.	0.	0.
122	58	~TorsionSISMA SLO X	0.	0.	0.
122	177	~TorsionSISMA SLO Y	0.	0.	0.
122	180	~TorsionSISMA SLO Y	0.	0.	0.
122	61	~TorsionSISMA SLO Y	0.	0.	0.
122	58	~TorsionSISMA SLO Y	0.	0.	0.
123	58	G1_K	-0.7301	-1.6752	-0.1887
123	61	G1_K	-0.4354	-0.9047	0.3904
123	120	G1_K	-0.1445	-1.4278	0.7324
123	125	G1_K	-0.4382	-2.2117	0.1534
123	58	G2_K	1.1802	0.8934	-0.2033
123	61	G2_K	0.9781	1.2778	-1.3877
123	120	G2_K	-0.619	-2.6688	-1.1851
123	125	G2_K	-0.4234	-3.0564	-6.384E-04
123	58	Q_K	-0.4686	-1.0695	-0.1189
123	61	Q_K	-0.2773	-0.578	0.251
123	120	Q_K	-0.0919	-0.9143	0.4689
123	125	Q_K	-0.2826	-1.4145	0.099
123	58	N_K	-0.0562	-0.1283	-0.0143
123	61	N_K	-0.0333	-0.0694	0.0301
123	120	N_K	-0.011	-0.1097	0.0563
123	125	N_K	-0.0339	-0.1697	0.0119
123	58	T+_K	0.	0.	0.
123	61	T+_K	0.	0.	0.
123	120	T+_K	0.	0.	0.
123	125	T+_K	0.	0.	0.
123	58	T-_K	0.	0.	0.
123	61	T-_K	0.	0.	0.
123	120	T-_K	0.	0.	0.
123	125	T-_K	0.	0.	0.
123	58	G1_D	-0.9491	-2.1777	-0.2452
123	61	G1_D	-0.566	-1.1761	0.5075
123	120	G1_D	-0.1879	-1.8562	0.9522
123	125	G1_D	-0.5697	-2.8752	0.1994
123	58	G2_D	1.5342	1.1614	-0.2643
123	61	G2_D	1.2716	1.6612	-1.8041
123	120	G2_D	-0.8047	-3.4694	-1.5406
123	125	G2_D	-0.5505	-3.9733	-8.299E-04
123	58	Q_D	-0.703	-1.6043	-0.1783
123	61	Q_D	-0.4159	-0.867	0.3765
123	120	Q_D	-0.1378	-1.3715	0.7034
123	125	Q_D	-0.424	-2.1217	0.1486
123	58	N_D	-0.0844	-0.1925	-0.0214
123	61	N_D	-0.0499	-0.104	0.0452

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
123	120	N_D	-0.0165	-0.1646	0.0844
123	125	N_D	-0.0509	-0.2546	0.0178
123	58	T+_D	0.	0.	0.
123	61	T+_D	0.	0.	0.
123	120	T+_D	0.	0.	0.
123	125	T+_D	0.	0.	0.
123	58	T-_D	0.	0.	0.
123	61	T-_D	0.	0.	0.
123	120	T-_D	0.	0.	0.
123	125	T-_D	0.	0.	0.
123	58	W+_K	0.	0.	0.
123	61	W+_K	0.	0.	0.
123	120	W+_K	0.	0.	0.
123	125	W+_K	0.	0.	0.
123	58	W-_K	0.	0.	0.
123	61	W-_K	0.	0.	0.
123	120	W-_K	0.	0.	0.
123	125	W-_K	0.	0.	0.
123	58	W+_D	0.	0.	0.
123	61	W+_D	0.	0.	0.
123	120	W+_D	0.	0.	0.
123	125	W+_D	0.	0.	0.
123	58	W-_D	0.	0.	0.
123	61	W-_D	0.	0.	0.
123	120	W-_D	0.	0.	0.
123	125	W-_D	0.	0.	0.
123	58	SISMA SLV X	0.1639	0.2413	0.0487
123	61	SISMA SLV X	0.1145	0.203	0.1256
123	120	SISMA SLV X	0.0537	0.2491	0.1295
123	125	SISMA SLV X	0.0543	0.3292	0.0334
123	58	SISMA SLV Y	0.0698	0.0926	0.027
123	61	SISMA SLV Y	0.1064	0.0846	0.0634
123	120	SISMA SLV Y	0.0977	0.1292	0.0549
123	125	SISMA SLV Y	0.0302	0.1535	0.0149
123	58	SISMA SLD X	0.0801	0.1179	0.0238
123	61	SISMA SLD X	0.0559	0.0992	0.0613
123	120	SISMA SLD X	0.0262	0.1217	0.0632
123	125	SISMA SLD X	0.0265	0.1608	0.0163
123	58	SISMA SLD Y	0.0341	0.0452	0.0132
123	61	SISMA SLD Y	0.052	0.0413	0.031
123	120	SISMA SLD Y	0.0477	0.0631	0.0268
123	125	SISMA SLD Y	0.0148	0.075	0.0073
123	58	SISMA SLO X	0.0664	0.0977	0.0197
123	61	SISMA SLO X	0.0463	0.0822	0.0508
123	120	SISMA SLO X	0.0217	0.1008	0.0524
123	125	SISMA SLO X	0.022	0.1332	0.0135
123	58	SISMA SLO Y	0.0283	0.0375	0.0109
123	61	SISMA SLO Y	0.043	0.0342	0.0256
123	120	SISMA SLO Y	0.0395	0.0522	0.0222
123	125	SISMA SLO Y	0.0122	0.0621	0.006
123	58	SLT	0.	0.	0.
123	61	SLT	0.	0.	0.
123	120	SLT	0.	0.	0.
123	125	SLT	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
123	58	~TorsionSISMA SLV X	0.	0.	0.
123	61	~TorsionSISMA SLV X	0.	0.	0.
123	120	~TorsionSISMA SLV X	0.	0.	0.
123	125	~TorsionSISMA SLV X	0.	0.	0.
123	58	~TorsionSISMA SLV Y	0.	0.	0.
123	61	~TorsionSISMA SLV Y	0.	0.	0.
123	120	~TorsionSISMA SLV Y	0.	0.	0.
123	125	~TorsionSISMA SLV Y	0.	0.	0.
123	58	~TorsionSISMA SLD X	0.	0.	0.
123	61	~TorsionSISMA SLD X	0.	0.	0.
123	120	~TorsionSISMA SLD X	0.	0.	0.
123	125	~TorsionSISMA SLD X	0.	0.	0.
123	58	~TorsionSISMA SLD Y	0.	0.	0.
123	61	~TorsionSISMA SLD Y	0.	0.	0.
123	120	~TorsionSISMA SLD Y	0.	0.	0.
123	125	~TorsionSISMA SLD Y	0.	0.	0.
123	58	~TorsionSISMA SLO X	0.	0.	0.
123	61	~TorsionSISMA SLO X	0.	0.	0.
123	120	~TorsionSISMA SLO X	0.	0.	0.
123	125	~TorsionSISMA SLO X	0.	0.	0.
123	58	~TorsionSISMA SLO Y	0.	0.	0.
123	61	~TorsionSISMA SLO Y	0.	0.	0.
123	120	~TorsionSISMA SLO Y	0.	0.	0.
123	125	~TorsionSISMA SLO Y	0.	0.	0.
124	178	G1_K	0.0662	0.2972	-0.0219
124	100	G1_K	0.0434	0.2506	0.0229
124	30	G1_K	0.0272	0.0058	-7.395E-05
124	59	G1_K	0.0487	0.0647	-0.045
124	178	G2_K	-0.3969	-5.6205	0.1101
124	100	G2_K	-1.2842	-2.7848	-0.1083
124	30	G2_K	-0.5903	1.4473	1.3005
124	59	G2_K	0.3217	-1.2757	1.5189
124	178	Q_K	0.0171	0.1277	-0.018
124	100	Q_K	0.0259	0.0872	0.0186
124	30	Q_K	0.0383	0.0177	-0.0029

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
124	59	Q_K	0.0282	0.0639	-0.0395
124	178	N_K	0.0021	0.0153	-0.0022
124	100	N_K	0.0031	0.0105	0.0022
124	30	N_K	0.0046	0.0021	-3.535E-04
124	59	N_K	0.0034	0.0077	-0.0047
124	178	T+_K	0.	0.	0.
124	100	T+_K	0.	0.	0.
124	30	T+_K	0.	0.	0.
124	59	T+_K	0.	0.	0.
124	178	T-_K	0.	0.	0.
124	100	T-_K	0.	0.	0.
124	30	T-_K	0.	0.	0.
124	59	T-_K	0.	0.	0.
124	178	G1_D	0.086	0.3864	-0.0285
124	100	G1_D	0.0564	0.3258	0.0298
124	30	G1_D	0.0353	0.0076	-9.614E-05
124	59	G1_D	0.0633	0.0841	-0.0584
124	178	G2_D	-0.5159	-7.3066	0.1431
124	100	G2_D	-1.6694	-3.6202	-0.1408
124	30	G2_D	-0.7674	1.8815	1.6906
124	59	G2_D	0.4182	-1.6584	1.9745
124	178	Q_D	0.0256	0.1915	-0.027
124	100	Q_D	0.0388	0.1308	0.0279
124	30	Q_D	0.0574	0.0266	-0.0044
124	59	Q_D	0.0424	0.0959	-0.0592
124	178	N_D	0.0031	0.023	-0.0032
124	100	N_D	0.0047	0.0157	0.0033
124	30	N_D	0.0069	0.0032	-5.303E-04
124	59	N_D	0.0051	0.0115	-0.0071
124	178	T+_D	0.	0.	0.
124	100	T+_D	0.	0.	0.
124	30	T+_D	0.	0.	0.
124	59	T+_D	0.	0.	0.
124	178	T-_D	0.	0.	0.
124	100	T-_D	0.	0.	0.
124	30	T-_D	0.	0.	0.
124	59	T-_D	0.	0.	0.
124	178	W+_K	0.	0.	0.
124	100	W+_K	0.	0.	0.
124	30	W+_K	0.	0.	0.
124	59	W+_K	0.	0.	0.
124	178	W-_K	0.	0.	0.
124	100	W-_K	0.	0.	0.
124	30	W-_K	0.	0.	0.
124	59	W-_K	0.	0.	0.
124	178	W+_D	0.	0.	0.
124	100	W+_D	0.	0.	0.
124	30	W+_D	0.	0.	0.
124	59	W+_D	0.	0.	0.
124	178	W-_D	0.	0.	0.
124	100	W-_D	0.	0.	0.
124	30	W-_D	0.	0.	0.
124	59	W-_D	0.	0.	0.
124	178	SISMA SLV X	0.1081	0.5737	0.012

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
124	100	SISMA SLV X	0.0875	0.4006	0.0123
124	30	SISMA SLV X	0.0294	0.0653	0.0824
124	59	SISMA SLV X	0.0415	0.1866	0.0881
124	178	SISMA SLV Y	0.0607	0.3214	0.0167
124	100	SISMA SLV Y	0.0424	0.1932	0.0169
124	30	SISMA SLV Y	0.0369	0.0788	0.0793
124	59	SISMA SLV Y	0.0233	0.0918	0.0546
124	178	SISMA SLD X	0.0528	0.2802	0.0059
124	100	SISMA SLD X	0.0427	0.1957	0.006
124	30	SISMA SLD X	0.0144	0.0319	0.0403
124	59	SISMA SLD X	0.0203	0.0911	0.043
124	178	SISMA SLD Y	0.0296	0.157	0.0081
124	100	SISMA SLD Y	0.0207	0.0944	0.0083
124	30	SISMA SLD Y	0.018	0.0385	0.0387
124	59	SISMA SLD Y	0.0114	0.0448	0.0267
124	178	SISMA SLO X	0.0437	0.2321	0.0049
124	100	SISMA SLO X	0.0354	0.162	0.005
124	30	SISMA SLO X	0.0119	0.0263	0.0333
124	59	SISMA SLO X	0.0168	0.0754	0.0356
124	178	SISMA SLO Y	0.0246	0.13	0.0067
124	100	SISMA SLO Y	0.0171	0.0781	0.0068
124	30	SISMA SLO Y	0.0149	0.0319	0.0321
124	59	SISMA SLO Y	0.0094	0.0371	0.0221
124	178	SLT	0.	0.	0.
124	100	SLT	0.	0.	0.
124	30	SLT	0.	0.	0.
124	59	SLT	0.	0.	0.
124	178	~TorsionSISMA SLV X	0.	0.	0.
124	100	~TorsionSISMA SLV X	0.	0.	0.
124	30	~TorsionSISMA SLV X	0.	0.	0.
124	59	~TorsionSISMA SLV X	0.	0.	0.
124	178	~TorsionSISMA SLV Y	0.	0.	0.
124	100	~TorsionSISMA SLV Y	0.	0.	0.
124	30	~TorsionSISMA SLV Y	0.	0.	0.
124	59	~TorsionSISMA SLV Y	0.	0.	0.
124	178	~TorsionSISMA SLD X	0.	0.	0.
124	100	~TorsionSISMA SLD X	0.	0.	0.
124	30	~TorsionSISMA SLD X	0.	0.	0.
124	59	~TorsionSISMA SLD X	0.	0.	0.
124	178	~TorsionSISMA SLD Y	0.	0.	0.
124	100	~TorsionSISMA SLD Y	0.	0.	0.
124	30	~TorsionSISMA SLD Y	0.	0.	0.

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
124	59	~TorsionSISMA SLD Y	0.	0.	0.
124	178	~TorsionSISMA SLO X	0.	0.	0.
124	100	~TorsionSISMA SLO X	0.	0.	0.
124	30	~TorsionSISMA SLO X	0.	0.	0.
124	59	~TorsionSISMA SLO X	0.	0.	0.
124	178	~TorsionSISMA SLO Y	0.	0.	0.
124	100	~TorsionSISMA SLO Y	0.	0.	0.
124	30	~TorsionSISMA SLO Y	0.	0.	0.
124	59	~TorsionSISMA SLO Y	0.	0.	0.
125	59	G1_K	0.0139	0.0686	-0.0757
125	30	G1_K	0.0565	-0.025	0.0305
125	163	G1_K	0.1303	-0.0291	-0.019
125	179	G1_K	0.0848	0.0678	-0.1252
125	59	G2_K	1.6774	0.4716	1.6408
125	30	G2_K	-2.114	-1.14	1.1746
125	163	G2_K	-2.1477	0.3386	0.7639
125	179	G2_K	1.6658	1.9701	1.2301
125	59	Q_K	-0.0048	0.0502	-0.0566
125	30	Q_K	0.0692	0.0211	0.014
125	163	Q_K	0.1178	0.0168	-0.0074
125	179	Q_K	0.0421	0.0477	-0.078
125	59	N_K	-5.737E-04	0.006	-0.0068
125	30	N_K	0.0083	0.0025	0.0017
125	163	N_K	0.0141	0.002	-8.885E-04
125	179	N_K	0.0051	0.0057	-0.0094
125	59	T+_K	0.	0.	0.
125	30	T+_K	0.	0.	0.
125	163	T+_K	0.	0.	0.
125	179	T+_K	0.	0.	0.
125	59	T-_K	0.	0.	0.
125	30	T-_K	0.	0.	0.
125	163	T-_K	0.	0.	0.
125	179	T-_K	0.	0.	0.
125	59	G1_D	0.0181	0.0892	-0.0984
125	30	G1_D	0.0735	-0.0325	0.0396
125	163	G1_D	0.1694	-0.0379	-0.0248
125	179	G1_D	0.1102	0.0881	-0.1628
125	59	G2_D	2.1806	0.6131	2.1331
125	30	G2_D	-2.7482	-1.482	1.527
125	163	G2_D	-2.792	0.4402	0.9931
125	179	G2_D	2.1656	2.5611	1.5992
125	59	Q_D	-0.0072	0.0753	-0.0849
125	30	Q_D	0.1039	0.0317	0.021
125	163	Q_D	0.1767	0.0251	-0.0111
125	179	Q_D	0.0632	0.0715	-0.117
125	59	N_D	-8.606E-04	0.009	-0.0102
125	30	N_D	0.0125	0.0038	0.0025

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
125	163	N_D	0.0212	0.003	-0.0013
125	179	N_D	0.0076	0.0086	-0.014
125	59	T+_D	0.	0.	0.
125	30	T+_D	0.	0.	0.
125	163	T+_D	0.	0.	0.
125	179	T+_D	0.	0.	0.
125	59	T-_D	0.	0.	0.
125	30	T-_D	0.	0.	0.
125	163	T-_D	0.	0.	0.
125	179	T-_D	0.	0.	0.
125	59	W+_K	0.	0.	0.
125	30	W+_K	0.	0.	0.
125	163	W+_K	0.	0.	0.
125	179	W+_K	0.	0.	0.
125	59	W-_K	0.	0.	0.
125	30	W-_K	0.	0.	0.
125	163	W-_K	0.	0.	0.
125	179	W-_K	0.	0.	0.
125	59	W+_D	0.	0.	0.
125	30	W+_D	0.	0.	0.
125	163	W+_D	0.	0.	0.
125	179	W+_D	0.	0.	0.
125	59	W-_D	0.	0.	0.
125	30	W-_D	0.	0.	0.
125	163	W-_D	0.	0.	0.
125	179	W-_D	0.	0.	0.
125	59	SISMA SLV X	0.0239	0.1707	0.1004
125	30	SISMA SLV X	0.0823	0.1201	0.0787
125	163	SISMA SLV X	0.0966	0.0826	0.1071
125	179	SISMA SLV X	0.0592	0.0613	0.1323
125	59	SISMA SLV Y	0.0136	0.1048	0.0446
125	30	SISMA SLV Y	0.0382	0.0734	0.1078
125	163	SISMA SLV Y	0.1148	0.1027	0.1208
125	179	SISMA SLV Y	0.1044	0.0803	0.0599
125	59	SISMA SLD X	0.0117	0.0834	0.0491
125	30	SISMA SLD X	0.0402	0.0587	0.0384
125	163	SISMA SLD X	0.0472	0.0403	0.0523
125	179	SISMA SLD X	0.0289	0.0299	0.0646
125	59	SISMA SLD Y	0.0066	0.0512	0.0218
125	30	SISMA SLD Y	0.0186	0.0358	0.0526
125	163	SISMA SLD Y	0.0561	0.0502	0.059
125	179	SISMA SLD Y	0.051	0.0392	0.0293
125	59	SISMA SLO X	0.0096	0.069	0.0406
125	30	SISMA SLO X	0.0333	0.0486	0.0318
125	163	SISMA SLO X	0.0391	0.0334	0.0433
125	179	SISMA SLO X	0.0239	0.0247	0.0535
125	59	SISMA SLO Y	0.0055	0.0424	0.018
125	30	SISMA SLO Y	0.0154	0.0297	0.0436
125	163	SISMA SLO Y	0.0464	0.0416	0.0489
125	179	SISMA SLO Y	0.0422	0.0325	0.0242
125	59	SLT	0.	0.	0.
125	30	SLT	0.	0.	0.
125	163	SLT	0.	0.	0.
125	179	SLT	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
125	59	~TorsionSISMA SLV X	0.	0.	0.
125	30	~TorsionSISMA SLV X	0.	0.	0.
125	163	~TorsionSISMA SLV X	0.	0.	0.
125	179	~TorsionSISMA SLV X	0.	0.	0.
125	59	~TorsionSISMA SLV Y	0.	0.	0.
125	30	~TorsionSISMA SLV Y	0.	0.	0.
125	163	~TorsionSISMA SLV Y	0.	0.	0.
125	179	~TorsionSISMA SLV Y	0.	0.	0.
125	59	~TorsionSISMA SLD X	0.	0.	0.
125	30	~TorsionSISMA SLD X	0.	0.	0.
125	163	~TorsionSISMA SLD X	0.	0.	0.
125	179	~TorsionSISMA SLD X	0.	0.	0.
125	59	~TorsionSISMA SLD Y	0.	0.	0.
125	30	~TorsionSISMA SLD Y	0.	0.	0.
125	163	~TorsionSISMA SLD Y	0.	0.	0.
125	179	~TorsionSISMA SLD Y	0.	0.	0.
125	59	~TorsionSISMA SLO X	0.	0.	0.
125	30	~TorsionSISMA SLO X	0.	0.	0.
125	163	~TorsionSISMA SLO X	0.	0.	0.
125	179	~TorsionSISMA SLO X	0.	0.	0.
125	59	~TorsionSISMA SLO Y	0.	0.	0.
125	30	~TorsionSISMA SLO Y	0.	0.	0.
125	163	~TorsionSISMA SLO Y	0.	0.	0.
125	179	~TorsionSISMA SLO Y	0.	0.	0.
126	179	G1_K	-0.0043	0.0361	-0.1817
126	163	G1_K	0.2268	0.0396	0.0381
126	32	G1_K	0.3753	0.0121	0.0148
126	60	G1_K	0.1401	0.0205	-0.205
126	179	G2_K	2.2466	2.4447	1.1474
126	163	G2_K	-2.7872	-0.4292	0.8508
126	32	G2_K	-2.9372	-0.1499	-0.0395
126	60	G2_K	2.1019	2.7267	0.2571
126	179	Q_K	-0.0075	0.0332	-0.1107
126	163	Q_K	0.1685	0.0365	0.0257
126	32	Q_K	0.2597	0.0154	0.0088

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
126	60	Q_K	0.0814	0.0191	-0.1276
126	179	N_K	-8.988E-04	0.004	-0.0133
126	163	N_K	0.0202	0.0044	0.0031
126	32	N_K	0.0312	0.0019	0.0011
126	60	N_K	0.0098	0.0023	-0.0153
126	179	T+_K	0.	0.	0.
126	163	T+_K	0.	0.	0.
126	32	T+_K	0.	0.	0.
126	60	T+_K	0.	0.	0.
126	179	T-_K	0.	0.	0.
126	163	T-_K	0.	0.	0.
126	32	T-_K	0.	0.	0.
126	60	T-_K	0.	0.	0.
126	179	G1_D	-0.0056	0.0469	-0.2362
126	163	G1_D	0.2948	0.0514	0.0496
126	32	G1_D	0.4879	0.0158	0.0192
126	60	G1_D	0.1821	0.0267	-0.2665
126	179	G2_D	2.9206	3.1781	1.4916
126	163	G2_D	-3.6233	-0.558	1.1061
126	32	G2_D	-3.8183	-0.1949	-0.0514
126	60	G2_D	2.7325	3.5447	0.3342
126	179	Q_D	-0.0112	0.0497	-0.1661
126	163	Q_D	0.2527	0.0547	0.0386
126	32	Q_D	0.3896	0.0232	0.0132
126	60	Q_D	0.122	0.0287	-0.1914
126	179	N_D	-0.0013	0.006	-0.0199
126	163	N_D	0.0303	0.0066	0.0046
126	32	N_D	0.0467	0.0028	0.0016
126	60	N_D	0.0146	0.0034	-0.023
126	179	T+_D	0.	0.	0.
126	163	T+_D	0.	0.	0.
126	32	T+_D	0.	0.	0.
126	60	T+_D	0.	0.	0.
126	179	T-_D	0.	0.	0.
126	163	T-_D	0.	0.	0.
126	32	T-_D	0.	0.	0.
126	60	T-_D	0.	0.	0.
126	179	W+_K	0.	0.	0.
126	163	W+_K	0.	0.	0.
126	32	W+_K	0.	0.	0.
126	60	W+_K	0.	0.	0.
126	179	W-_K	0.	0.	0.
126	163	W-_K	0.	0.	0.
126	32	W-_K	0.	0.	0.
126	60	W-_K	0.	0.	0.
126	179	W+_D	0.	0.	0.
126	163	W+_D	0.	0.	0.
126	32	W+_D	0.	0.	0.
126	60	W+_D	0.	0.	0.
126	179	W-_D	0.	0.	0.
126	163	W-_D	0.	0.	0.
126	32	W-_D	0.	0.	0.
126	60	W-_D	0.	0.	0.
126	179	SISMA SLV X	0.1009	0.0717	0.1342

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
126	163	SISMA SLV X	0.1787	0.1066	0.1042
126	32	SISMA SLV X	0.2012	0.0546	0.0537
126	60	SISMA SLV X	0.1231	0.198	0.0839
126	179	SISMA SLV Y	0.0965	0.047	0.0632
126	163	SISMA SLV Y	0.1183	0.0535	0.1129
126	32	SISMA SLV Y	0.1906	0.1096	0.0783
126	60	SISMA SLV Y	0.1743	0.1877	0.0357
126	179	SISMA SLD X	0.0493	0.035	0.0656
126	163	SISMA SLD X	0.0873	0.0521	0.0509
126	32	SISMA SLD X	0.0983	0.0266	0.0262
126	60	SISMA SLD X	0.0601	0.0967	0.041
126	179	SISMA SLD Y	0.0471	0.0229	0.0308
126	163	SISMA SLD Y	0.0578	0.0261	0.0552
126	32	SISMA SLD Y	0.0931	0.0535	0.0382
126	60	SISMA SLD Y	0.0852	0.0917	0.0174
126	179	SISMA SLO X	0.0408	0.029	0.0543
126	163	SISMA SLO X	0.0723	0.0431	0.0422
126	32	SISMA SLO X	0.0814	0.0221	0.0217
126	60	SISMA SLO X	0.0498	0.0801	0.0339
126	179	SISMA SLO Y	0.039	0.019	0.0255
126	163	SISMA SLO Y	0.0478	0.0216	0.0457
126	32	SISMA SLO Y	0.0771	0.0443	0.0317
126	60	SISMA SLO Y	0.0705	0.0759	0.0144
126	179	SLT	0.	0.	0.
126	163	SLT	0.	0.	0.
126	32	SLT	0.	0.	0.
126	60	SLT	0.	0.	0.
126	179	~TorsionSISMA SLV X	0.	0.	0.
126	163	~TorsionSISMA SLV X	0.	0.	0.
126	32	~TorsionSISMA SLV X	0.	0.	0.
126	60	~TorsionSISMA SLV X	0.	0.	0.
126	179	~TorsionSISMA SLV Y	0.	0.	0.
126	163	~TorsionSISMA SLV Y	0.	0.	0.
126	32	~TorsionSISMA SLV Y	0.	0.	0.
126	60	~TorsionSISMA SLV Y	0.	0.	0.
126	179	~TorsionSISMA SLD X	0.	0.	0.
126	163	~TorsionSISMA SLD X	0.	0.	0.
126	32	~TorsionSISMA SLD X	0.	0.	0.
126	60	~TorsionSISMA SLD X	0.	0.	0.
126	179	~TorsionSISMA SLD Y	0.	0.	0.
126	163	~TorsionSISMA SLD Y	0.	0.	0.
126	32	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
126	60	~TorsionSISMA SLD Y	0.	0.	0.
126	179	~TorsionSISMA SLO X	0.	0.	0.
126	163	~TorsionSISMA SLO X	0.	0.	0.
126	32	~TorsionSISMA SLO X	0.	0.	0.
126	60	~TorsionSISMA SLO X	0.	0.	0.
126	179	~TorsionSISMA SLO Y	0.	0.	0.
126	163	~TorsionSISMA SLO Y	0.	0.	0.
126	32	~TorsionSISMA SLO Y	0.	0.	0.
126	60	~TorsionSISMA SLO Y	0.	0.	0.
127	60	G1_K	0.0512	-0.0469	-0.1526
127	32	G1_K	0.4734	0.1254	-0.0393
127	165	G1_K	0.5266	0.0014	0.0037
127	180	G1_K	0.1029	-0.1758	-0.1096
127	60	G2_K	1.9426	2.4707	0.0273
127	32	G2_K	-2.8509	-0.259	0.1955
127	165	G2_K	-2.7572	-0.3985	-0.6492
127	180	G2_K	2.0241	2.3315	-0.8174
127	60	Q_K	0.0294	-0.0224	-0.0951
127	32	Q_K	0.3188	0.0928	-0.0248
127	165	Q_K	0.3498	0.0065	0.0033
127	180	Q_K	0.0596	-0.1121	-0.0669
127	60	N_K	0.0035	-0.0027	-0.0114
127	32	N_K	0.0383	0.0111	-0.003
127	165	N_K	0.042	7.853E-04	3.968E-04
127	180	N_K	0.0072	-0.0135	-0.008
127	60	T+_K	0.	0.	0.
127	32	T+_K	0.	0.	0.
127	165	T+_K	0.	0.	0.
127	180	T+_K	0.	0.	0.
127	60	T-_K	0.	0.	0.
127	32	T-_K	0.	0.	0.
127	165	T-_K	0.	0.	0.
127	180	T-_K	0.	0.	0.
127	60	G1_D	0.0665	-0.0609	-0.1984
127	32	G1_D	0.6154	0.1631	-0.0511
127	165	G1_D	0.6846	0.0018	0.0048
127	180	G1_D	0.1337	-0.2286	-0.1424
127	60	G2_D	2.5254	3.2119	0.0355
127	32	G2_D	-3.7062	-0.3367	0.2542
127	165	G2_D	-3.5844	-0.518	-0.844
127	180	G2_D	2.6313	3.031	-1.0627
127	60	Q_D	0.0441	-0.0337	-0.1426
127	32	Q_D	0.4782	0.1392	-0.0372
127	165	Q_D	0.5248	0.0098	0.005
127	180	Q_D	0.0895	-0.1681	-0.1004
127	60	N_D	0.0053	-0.004	-0.0171
127	32	N_D	0.0574	0.0167	-0.0045

9. Area results

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
127	165	N_D	0.063	0.0012	5.951E-04
127	180	N_D	0.0107	-0.0202	-0.012
127	60	T+_D	0.	0.	0.
127	32	T+_D	0.	0.	0.
127	165	T+_D	0.	0.	0.
127	180	T+_D	0.	0.	0.
127	60	T-_D	0.	0.	0.
127	32	T-_D	0.	0.	0.
127	165	T-_D	0.	0.	0.
127	180	T-_D	0.	0.	0.
127	60	W+_K	0.	0.	0.
127	32	W+_K	0.	0.	0.
127	165	W+_K	0.	0.	0.
127	180	W+_K	0.	0.	0.
127	60	W-_K	0.	0.	0.
127	32	W-_K	0.	0.	0.
127	165	W-_K	0.	0.	0.
127	180	W-_K	0.	0.	0.
127	60	W+_D	0.	0.	0.
127	32	W+_D	0.	0.	0.
127	165	W+_D	0.	0.	0.
127	180	W+_D	0.	0.	0.
127	60	W-_D	0.	0.	0.
127	32	W-_D	0.	0.	0.
127	165	W-_D	0.	0.	0.
127	180	W-_D	0.	0.	0.
127	60	SISMA SLV X	0.1385	0.1711	0.0667
127	32	SISMA SLV X	0.2481	0.0726	0.0604
127	165	SISMA SLV X	0.2444	0.0479	0.0231
127	180	SISMA SLV X	0.1544	0.2487	0.0241
127	60	SISMA SLV Y	0.1485	0.1162	0.0412
127	32	SISMA SLV Y	0.1949	0.0308	0.049
127	165	SISMA SLV Y	0.2177	0.1053	0.0162
127	180	SISMA SLV Y	0.1763	0.2164	0.0182
127	60	SISMA SLD X	0.0676	0.0836	0.0326
127	32	SISMA SLD X	0.1212	0.0355	0.0295
127	165	SISMA SLD X	0.1194	0.0234	0.0113
127	180	SISMA SLD X	0.0754	0.1215	0.0118
127	60	SISMA SLD Y	0.0725	0.0568	0.0201
127	32	SISMA SLD Y	0.0952	0.0151	0.0239
127	165	SISMA SLD Y	0.1063	0.0514	0.0079
127	180	SISMA SLD Y	0.0861	0.1057	0.0089
127	60	SISMA SLO X	0.056	0.0692	0.027
127	32	SISMA SLO X	0.1004	0.0294	0.0244
127	165	SISMA SLO X	0.0989	0.0194	0.0094
127	180	SISMA SLO X	0.0624	0.1006	0.0097
127	60	SISMA SLO Y	0.0601	0.047	0.0167
127	32	SISMA SLO Y	0.0788	0.0125	0.0198
127	165	SISMA SLO Y	0.0881	0.0426	0.0065
127	180	SISMA SLO Y	0.0713	0.0875	0.0073
127	60	SLT	0.	0.	0.
127	32	SLT	0.	0.	0.
127	165	SLT	0.	0.	0.
127	180	SLT	0.	0.	0.

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
127	60	~TorsionSISMA SLV X	0.	0.	0.
127	32	~TorsionSISMA SLV X	0.	0.	0.
127	165	~TorsionSISMA SLV X	0.	0.	0.
127	180	~TorsionSISMA SLV X	0.	0.	0.
127	60	~TorsionSISMA SLV Y	0.	0.	0.
127	32	~TorsionSISMA SLV Y	0.	0.	0.
127	165	~TorsionSISMA SLV Y	0.	0.	0.
127	180	~TorsionSISMA SLV Y	0.	0.	0.
127	60	~TorsionSISMA SLD X	0.	0.	0.
127	32	~TorsionSISMA SLD X	0.	0.	0.
127	165	~TorsionSISMA SLD X	0.	0.	0.
127	180	~TorsionSISMA SLD X	0.	0.	0.
127	60	~TorsionSISMA SLD Y	0.	0.	0.
127	32	~TorsionSISMA SLD Y	0.	0.	0.
127	165	~TorsionSISMA SLD Y	0.	0.	0.
127	180	~TorsionSISMA SLD Y	0.	0.	0.
127	60	~TorsionSISMA SLO X	0.	0.	0.
127	32	~TorsionSISMA SLO X	0.	0.	0.
127	165	~TorsionSISMA SLO X	0.	0.	0.
127	180	~TorsionSISMA SLO X	0.	0.	0.
127	60	~TorsionSISMA SLO Y	0.	0.	0.
127	32	~TorsionSISMA SLO Y	0.	0.	0.
127	165	~TorsionSISMA SLO Y	0.	0.	0.
127	180	~TorsionSISMA SLO Y	0.	0.	0.
128	180	G1_K	0.0718	-0.1623	-0.0692
128	165	G1_K	0.5802	0.1009	-0.0373
128	34	G1_K	0.5214	-0.2996	0.0409
128	61	G1_K	0.0137	-0.5673	0.0089
128	180	G2_K	1.242	1.4605	-0.9236
128	165	G2_K	-2.0722	-0.0123	-0.5384
128	34	G2_K	-1.8735	-0.4085	-0.927
128	61	G2_K	1.4145	1.0691	-1.3123
128	180	Q_K	0.0444	-0.0965	-0.0407
128	165	Q_K	0.3812	0.0716	-0.0233
128	34	Q_K	0.3399	-0.1916	0.0254

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
128	61	Q_K	0.0037	-0.3627	0.0081
128	180	N_K	0.0053	-0.0116	-0.0049
128	165	N_K	0.0457	0.0086	-0.0028
128	34	N_K	0.0408	-0.023	0.0031
128	61	N_K	4.494E-04	-0.0435	9.738E-04
128	180	T+_K	0.	0.	0.
128	165	T+_K	0.	0.	0.
128	34	T+_K	0.	0.	0.
128	61	T+_K	0.	0.	0.
128	180	T-_K	0.	0.	0.
128	165	T-_K	0.	0.	0.
128	34	T-_K	0.	0.	0.
128	61	T-_K	0.	0.	0.
128	180	G1_D	0.0934	-0.211	-0.09
128	165	G1_D	0.7543	0.1312	-0.0484
128	34	G1_D	0.6779	-0.3894	0.0531
128	61	G1_D	0.0178	-0.7375	0.0116
128	180	G2_D	1.6146	1.8986	-1.2007
128	165	G2_D	-2.6938	-0.016	-0.6999
128	34	G2_D	-2.4355	-0.5311	-1.2051
128	61	G2_D	1.8389	1.3898	-1.706
128	180	Q_D	0.0667	-0.1448	-0.061
128	165	Q_D	0.5718	0.1074	-0.035
128	34	Q_D	0.5099	-0.2874	0.0381
128	61	Q_D	0.0056	-0.5441	0.0122
128	180	N_D	0.008	-0.0174	-0.0073
128	165	N_D	0.0686	0.0129	-0.0042
128	34	N_D	0.0612	-0.0345	0.0046
128	61	N_D	6.740E-04	-0.0653	0.0015
128	180	T+_D	0.	0.	0.
128	165	T+_D	0.	0.	0.
128	34	T+_D	0.	0.	0.
128	61	T+_D	0.	0.	0.
128	180	T-_D	0.	0.	0.
128	165	T-_D	0.	0.	0.
128	34	T-_D	0.	0.	0.
128	61	T-_D	0.	0.	0.
128	180	W+_K	0.	0.	0.
128	165	W+_K	0.	0.	0.
128	34	W+_K	0.	0.	0.
128	61	W+_K	0.	0.	0.
128	180	W-_K	0.	0.	0.
128	165	W-_K	0.	0.	0.
128	34	W-_K	0.	0.	0.
128	61	W-_K	0.	0.	0.
128	180	W+_D	0.	0.	0.
128	165	W+_D	0.	0.	0.
128	34	W+_D	0.	0.	0.
128	61	W+_D	0.	0.	0.
128	180	W-_D	0.	0.	0.
128	165	W-_D	0.	0.	0.
128	34	W-_D	0.	0.	0.
128	61	W-_D	0.	0.	0.
128	180	SISMA SLV X	0.1233	0.1677	0.0401

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Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
128	165	SISMA SLV X	0.2443	0.0424	0.0256
128	34	SISMA SLV X	0.2082	0.0509	0.0711
128	61	SISMA SLV X	0.1406	0.1931	0.0988
128	180	SISMA SLV Y	0.1317	0.1075	0.0301
128	165	SISMA SLV Y	0.2243	0.0413	0.0436
128	34	SISMA SLV Y	0.1875	0.0928	0.075
128	61	SISMA SLV Y	0.1056	0.1504	0.0444
128	180	SISMA SLD X	0.0602	0.0819	0.0196
128	165	SISMA SLD X	0.1194	0.0207	0.0125
128	34	SISMA SLD X	0.1017	0.0249	0.0347
128	61	SISMA SLD X	0.0687	0.0943	0.0483
128	180	SISMA SLD Y	0.0643	0.0525	0.0147
128	165	SISMA SLD Y	0.1096	0.0202	0.0213
128	34	SISMA SLD Y	0.0916	0.0453	0.0366
128	61	SISMA SLD Y	0.0516	0.0735	0.0217
128	180	SISMA SLO X	0.0499	0.0678	0.0162
128	165	SISMA SLO X	0.0989	0.0172	0.0103
128	34	SISMA SLO X	0.0843	0.0206	0.0288
128	61	SISMA SLO X	0.0569	0.0782	0.04
128	180	SISMA SLO Y	0.0533	0.0435	0.0122
128	165	SISMA SLO Y	0.0908	0.0167	0.0176
128	34	SISMA SLO Y	0.0758	0.0376	0.0303
128	61	SISMA SLO Y	0.0427	0.0608	0.018
128	180	SLT	0.	0.	0.
128	165	SLT	0.	0.	0.
128	34	SLT	0.	0.	0.
128	61	SLT	0.	0.	0.
128	180	~TorsionSISMA SLV X	0.	0.	0.
128	165	~TorsionSISMA SLV X	0.	0.	0.
128	34	~TorsionSISMA SLV X	0.	0.	0.
128	61	~TorsionSISMA SLV X	0.	0.	0.
128	180	~TorsionSISMA SLV Y	0.	0.	0.
128	165	~TorsionSISMA SLV Y	0.	0.	0.
128	34	~TorsionSISMA SLV Y	0.	0.	0.
128	61	~TorsionSISMA SLV Y	0.	0.	0.
128	180	~TorsionSISMA SLD X	0.	0.	0.
128	165	~TorsionSISMA SLD X	0.	0.	0.
128	34	~TorsionSISMA SLD X	0.	0.	0.
128	61	~TorsionSISMA SLD X	0.	0.	0.
128	180	~TorsionSISMA SLD Y	0.	0.	0.
128	165	~TorsionSISMA SLD Y	0.	0.	0.
128	34	~TorsionSISMA SLD Y	0.	0.	0.

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
128	61	~TorsionSISMA SLD Y	0.	0.	0.
128	180	~TorsionSISMA SLO X	0.	0.	0.
128	165	~TorsionSISMA SLO X	0.	0.	0.
128	34	~TorsionSISMA SLO X	0.	0.	0.
128	61	~TorsionSISMA SLO X	0.	0.	0.
128	180	~TorsionSISMA SLO Y	0.	0.	0.
128	165	~TorsionSISMA SLO Y	0.	0.	0.
128	34	~TorsionSISMA SLO Y	0.	0.	0.
128	61	~TorsionSISMA SLO Y	0.	0.	0.
129	61	G1_K	0.0274	-0.7845	0.339
129	34	G1_K	0.5724	0.2406	-0.2942
129	104	G1_K	-0.0115	-0.4581	0.155
129	120	G1_K	-0.5468	-1.536	0.7883
129	61	G2_K	0.2651	-0.1683	-1.4434
129	34	G2_K	-0.835	0.2741	-0.7951
129	104	G2_K	-0.569	-0.6916	-0.4796
129	120	G2_K	0.5014	-1.1412	-1.1279
129	61	Q_K	0.0152	-0.4992	0.2179
129	34	Q_K	0.3709	0.1572	-0.1875
129	104	Q_K	-0.0043	-0.2966	0.0996
129	120	Q_K	-0.3536	-0.987	0.505
129	61	N_K	0.0018	-0.0599	0.0261
129	34	N_K	0.0445	0.0189	-0.0225
129	104	N_K	-5.101E-04	-0.0356	0.0119
129	120	N_K	-0.0424	-0.1184	0.0606
129	61	T+_K	0.	0.	0.
129	34	T+_K	0.	0.	0.
129	104	T+_K	0.	0.	0.
129	120	T+_K	0.	0.	0.
129	61	T-_K	0.	0.	0.
129	34	T-_K	0.	0.	0.
129	104	T-_K	0.	0.	0.
129	120	T-_K	0.	0.	0.
129	61	G1_D	0.0356	-1.0198	0.4407
129	34	G1_D	0.7441	0.3128	-0.3825
129	104	G1_D	-0.015	-0.5956	0.2015
129	120	G1_D	-0.7109	-1.9968	1.0248
129	61	G2_D	0.3446	-0.2188	-1.8764
129	34	G2_D	-1.0854	0.3564	-1.0336
129	104	G2_D	-0.7398	-0.899	-0.6235
129	120	G2_D	0.6518	-1.4836	-1.4662
129	61	Q_D	0.0229	-0.7488	0.3268
129	34	Q_D	0.5564	0.2358	-0.2813
129	104	Q_D	-0.0064	-0.445	0.1494
129	120	Q_D	-0.5304	-1.4805	0.7575
129	61	N_D	0.0027	-0.0899	0.0392
129	34	N_D	0.0668	0.0283	-0.0338

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11	M22	M12
			KN-m/m	KN-m/m	KN-m/m
129	104	N_D	-7.651E-04	-0.0534	0.0179
129	120	N_D	-0.0637	-0.1777	0.0909
129	61	T+_D	0.	0.	0.
129	34	T+_D	0.	0.	0.
129	104	T+_D	0.	0.	0.
129	120	T+_D	0.	0.	0.
129	61	T-_D	0.	0.	0.
129	34	T-_D	0.	0.	0.
129	104	T-_D	0.	0.	0.
129	120	T-_D	0.	0.	0.
129	61	W+_K	0.	0.	0.
129	34	W+_K	0.	0.	0.
129	104	W+_K	0.	0.	0.
129	120	W+_K	0.	0.	0.
129	61	W-_K	0.	0.	0.
129	34	W-_K	0.	0.	0.
129	104	W-_K	0.	0.	0.
129	120	W-_K	0.	0.	0.
129	61	W+_D	0.	0.	0.
129	34	W+_D	0.	0.	0.
129	104	W+_D	0.	0.	0.
129	120	W+_D	0.	0.	0.
129	61	W-_D	0.	0.	0.
129	34	W-_D	0.	0.	0.
129	104	W-_D	0.	0.	0.
129	120	W-_D	0.	0.	0.
129	61	SISMA SLV X	0.0524	0.0915	0.1198
129	34	SISMA SLV X	0.1585	0.0504	0.0748
129	104	SISMA SLV X	0.0937	0.063	0.0478
129	120	SISMA SLV X	0.0988	0.1755	0.1368
129	61	SISMA SLV Y	0.0482	0.0377	0.0534
129	34	SISMA SLV Y	0.1866	0.0671	0.0908
129	104	SISMA SLV Y	0.1068	0.0382	0.062
129	120	SISMA SLV Y	0.0512	0.0946	0.0675
129	61	SISMA SLD X	0.0256	0.0447	0.0585
129	34	SISMA SLD X	0.0774	0.0246	0.0365
129	104	SISMA SLD X	0.0458	0.0308	0.0233
129	120	SISMA SLD X	0.0482	0.0857	0.0668
129	61	SISMA SLD Y	0.0235	0.0184	0.0261
129	34	SISMA SLD Y	0.0911	0.0328	0.0444
129	104	SISMA SLD Y	0.0521	0.0187	0.0303
129	120	SISMA SLD Y	0.025	0.0462	0.033
129	61	SISMA SLO X	0.0212	0.0371	0.0485
129	34	SISMA SLO X	0.0641	0.0204	0.0303
129	104	SISMA SLO X	0.0379	0.0255	0.0193
129	120	SISMA SLO X	0.04	0.071	0.0554
129	61	SISMA SLO Y	0.0195	0.0153	0.0216
129	34	SISMA SLO Y	0.0755	0.0271	0.0367
129	104	SISMA SLO Y	0.0432	0.0155	0.0251
129	120	SISMA SLO Y	0.0207	0.0383	0.0273
129	61	SLT	0.	0.	0.
129	34	SLT	0.	0.	0.
129	104	SLT	0.	0.	0.
129	120	SLT	0.	0.	0.

Table 24: Element Forces - Area Shells, Part 2 of 3

Area	Joint	OutputCase	M11 KN-m/m	M22 KN-m/m	M12 KN-m/m
129	61	~TorsionSISMA SLV X	0.	0.	0.
129	34	~TorsionSISMA SLV X	0.	0.	0.
129	104	~TorsionSISMA SLV X	0.	0.	0.
129	120	~TorsionSISMA SLV X	0.	0.	0.
129	61	~TorsionSISMA SLV Y	0.	0.	0.
129	34	~TorsionSISMA SLV Y	0.	0.	0.
129	104	~TorsionSISMA SLV Y	0.	0.	0.
129	120	~TorsionSISMA SLV Y	0.	0.	0.
129	61	~TorsionSISMA SLD X	0.	0.	0.
129	34	~TorsionSISMA SLD X	0.	0.	0.
129	104	~TorsionSISMA SLD X	0.	0.	0.
129	120	~TorsionSISMA SLD X	0.	0.	0.
129	61	~TorsionSISMA SLD Y	0.	0.	0.
129	34	~TorsionSISMA SLD Y	0.	0.	0.
129	104	~TorsionSISMA SLD Y	0.	0.	0.
129	120	~TorsionSISMA SLD Y	0.	0.	0.
129	61	~TorsionSISMA SLO X	0.	0.	0.
129	34	~TorsionSISMA SLO X	0.	0.	0.
129	104	~TorsionSISMA SLO X	0.	0.	0.
129	120	~TorsionSISMA SLO X	0.	0.	0.
129	61	~TorsionSISMA SLO Y	0.	0.	0.
129	34	~TorsionSISMA SLO Y	0.	0.	0.
129	104	~TorsionSISMA SLO Y	0.	0.	0.
129	120	~TorsionSISMA SLO Y	0.	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
1	149	G1_K	-1.16	1.34
1	148	G1_K	-1.16	1.34
1	1	G1_K	-1.16	1.34
1	112	G1_K	-1.16	1.34

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
1	149	G2_K	0.98	-1.25
1	148	G2_K	0.98	-1.25
1	1	G2_K	0.98	-1.25
1	112	G2_K	0.98	-1.25
1	149	Q_K	-0.76	0.9
1	148	Q_K	-0.76	0.9
1	1	Q_K	-0.76	0.9
1	112	Q_K	-0.76	0.9
1	149	N_K	-9.073E-02	0.11
1	148	N_K	-9.073E-02	0.11
1	1	N_K	-9.073E-02	0.11
1	112	N_K	-9.073E-02	0.11
1	149	T+_K	0.	0.
1	148	T+_K	0.	0.
1	1	T+_K	0.	0.
1	112	T+_K	0.	0.
1	149	T-_K	0.	0.
1	148	T-_K	0.	0.
1	1	T-_K	0.	0.
1	112	T-_K	0.	0.
1	149	G1_D	-1.51	1.74
1	148	G1_D	-1.51	1.74
1	1	G1_D	-1.51	1.74
1	112	G1_D	-1.51	1.74
1	149	G2_D	1.28	-1.63
1	148	G2_D	1.28	-1.63
1	1	G2_D	1.28	-1.63
1	112	G2_D	1.28	-1.63
1	149	Q_D	-1.13	1.36
1	148	Q_D	-1.13	1.36
1	1	Q_D	-1.13	1.36
1	112	Q_D	-1.13	1.36
1	149	N_D	-0.14	0.16
1	148	N_D	-0.14	0.16
1	1	N_D	-0.14	0.16
1	112	N_D	-0.14	0.16
1	149	T+_D	0.	0.
1	148	T+_D	0.	0.
1	1	T+_D	0.	0.
1	112	T+_D	0.	0.
1	149	T-_D	0.	0.
1	148	T-_D	0.	0.
1	1	T-_D	0.	0.
1	112	T-_D	0.	0.
1	149	W+_K	0.	0.
1	148	W+_K	0.	0.
1	1	W+_K	0.	0.
1	112	W+_K	0.	0.
1	149	W-_K	0.	0.
1	148	W-_K	0.	0.
1	1	W-_K	0.	0.
1	112	W-_K	0.	0.
1	149	W+_D	0.	0.
1	148	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
1	1	W+_D	0.	0.
1	112	W+_D	0.	0.
1	149	W-_D	0.	0.
1	148	W-_D	0.	0.
1	1	W-_D	0.	0.
1	112	W-_D	0.	0.
1	149	SISMA SLV X	0.26	0.4
1	148	SISMA SLV X	0.26	0.4
1	1	SISMA SLV X	0.26	0.4
1	112	SISMA SLV X	0.26	0.4
1	149	SISMA SLV Y	0.46	0.58
1	148	SISMA SLV Y	0.46	0.58
1	1	SISMA SLV Y	0.46	0.58
1	112	SISMA SLV Y	0.46	0.58
1	149	SISMA SLD X	0.13	0.19
1	148	SISMA SLD X	0.13	0.19
1	1	SISMA SLD X	0.13	0.19
1	112	SISMA SLD X	0.13	0.19
1	149	SISMA SLD Y	0.23	0.28
1	148	SISMA SLD Y	0.23	0.28
1	1	SISMA SLD Y	0.23	0.28
1	112	SISMA SLD Y	0.23	0.28
1	149	SISMA SLO X	0.1	0.16
1	148	SISMA SLO X	0.1	0.16
1	1	SISMA SLO X	0.1	0.16
1	112	SISMA SLO X	0.1	0.16
1	149	SISMA SLO Y	0.19	0.23
1	148	SISMA SLO Y	0.19	0.23
1	1	SISMA SLO Y	0.19	0.23
1	112	SISMA SLO Y	0.19	0.23
1	149	SLT	0.	0.
1	148	SLT	0.	0.
1	1	SLT	0.	0.
1	112	SLT	0.	0.
1	149	~TorsionSISMA SLV X	0.	0.
1	148	~TorsionSISMA SLV X	0.	0.
1	1	~TorsionSISMA SLV X	0.	0.
1	112	~TorsionSISMA SLV X	0.	0.
1	149	~TorsionSISMA SLV Y	0.	0.
1	148	~TorsionSISMA SLV Y	0.	0.
1	1	~TorsionSISMA SLV Y	0.	0.
1	112	~TorsionSISMA SLV Y	0.	0.
1	149	~TorsionSISMA SLD X	0.	0.
1	148	~TorsionSISMA SLD X	0.	0.
1	1	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
1	112	~TorsionSISMA SLD X	0.	0.
1	149	~TorsionSISMA SLD Y	0.	0.
1	148	~TorsionSISMA SLD Y	0.	0.
1	1	~TorsionSISMA SLD Y	0.	0.
1	112	~TorsionSISMA SLD Y	0.	0.
1	149	~TorsionSISMA SLO X	0.	0.
1	148	~TorsionSISMA SLO X	0.	0.
1	1	~TorsionSISMA SLO X	0.	0.
1	112	~TorsionSISMA SLO X	0.	0.
1	149	~TorsionSISMA SLO Y	0.	0.
1	148	~TorsionSISMA SLO Y	0.	0.
1	1	~TorsionSISMA SLO Y	0.	0.
1	112	~TorsionSISMA SLO Y	0.	0.
2	112	G1_K	-0.72	2.32
2	1	G1_K	-0.72	2.32
2	105	G1_K	-0.72	2.32
2	110	G1_K	-0.72	2.32
2	112	G2_K	1.46	-1.22
2	1	G2_K	1.46	-1.22
2	105	G2_K	1.46	-1.22
2	110	G2_K	1.46	-1.22
2	112	Q_K	-0.46	1.53
2	1	Q_K	-0.46	1.53
2	105	Q_K	-0.46	1.53
2	110	Q_K	-0.46	1.53
2	112	N_K	-5.541E-02	0.18
2	1	N_K	-5.541E-02	0.18
2	105	N_K	-5.541E-02	0.18
2	110	N_K	-5.541E-02	0.18
2	112	T+_K	0.	0.
2	1	T+_K	0.	0.
2	105	T+_K	0.	0.
2	110	T+_K	0.	0.
2	112	T-_K	0.	0.
2	1	T-_K	0.	0.
2	105	T-_K	0.	0.
2	110	T-_K	0.	0.
2	112	G1_D	-0.93	3.02
2	1	G1_D	-0.93	3.02
2	105	G1_D	-0.93	3.02
2	110	G1_D	-0.93	3.02
2	112	G2_D	1.9	-1.59
2	1	G2_D	1.9	-1.59
2	105	G2_D	1.9	-1.59

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
2	110	G2_D	1.9	-1.59
2	112	Q_D	-0.69	2.29
2	1	Q_D	-0.69	2.29
2	105	Q_D	-0.69	2.29
2	110	Q_D	-0.69	2.29
2	112	N_D	-8.311E-02	0.27
2	1	N_D	-8.311E-02	0.27
2	105	N_D	-8.311E-02	0.27
2	110	N_D	-8.311E-02	0.27
2	112	T+_D	0.	0.
2	1	T+_D	0.	0.
2	105	T+_D	0.	0.
2	110	T+_D	0.	0.
2	112	T-_D	0.	0.
2	1	T-_D	0.	0.
2	105	T-_D	0.	0.
2	110	T-_D	0.	0.
2	112	W+_K	0.	0.
2	1	W+_K	0.	0.
2	105	W+_K	0.	0.
2	110	W+_K	0.	0.
2	112	W-_K	0.	0.
2	1	W-_K	0.	0.
2	105	W-_K	0.	0.
2	110	W-_K	0.	0.
2	112	W+_D	0.	0.
2	1	W+_D	0.	0.
2	105	W+_D	0.	0.
2	110	W+_D	0.	0.
2	112	W-_D	0.	0.
2	1	W-_D	0.	0.
2	105	W-_D	0.	0.
2	110	W-_D	0.	0.
2	112	SISMA SLV X	0.18	0.43
2	1	SISMA SLV X	0.18	0.43
2	105	SISMA SLV X	0.18	0.43
2	110	SISMA SLV X	0.18	0.43
2	112	SISMA SLV Y	0.23	0.56
2	1	SISMA SLV Y	0.23	0.56
2	105	SISMA SLV Y	0.23	0.56
2	110	SISMA SLV Y	0.23	0.56
2	112	SISMA SLD X	8.965E-02	0.21
2	1	SISMA SLD X	8.965E-02	0.21
2	105	SISMA SLD X	8.965E-02	0.21
2	110	SISMA SLD X	8.965E-02	0.21
2	112	SISMA SLD Y	0.11	0.27
2	1	SISMA SLD Y	0.11	0.27
2	105	SISMA SLD Y	0.11	0.27
2	110	SISMA SLD Y	0.11	0.27
2	112	SISMA SLO X	7.427E-02	0.17
2	1	SISMA SLO X	7.427E-02	0.17
2	105	SISMA SLO X	7.427E-02	0.17
2	110	SISMA SLO X	7.427E-02	0.17
2	112	SISMA SLO Y	9.243E-02	0.23

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
2	1	SISMA SLO Y	9.243E-02	0.23
2	105	SISMA SLO Y	9.243E-02	0.23
2	110	SISMA SLO Y	9.243E-02	0.23
2	112	SLT	0.	0.
2	1	SLT	0.	0.
2	105	SLT	0.	0.
2	110	SLT	0.	0.
2	112	~TorsionSISMA SLV X	0.	0.
2	1	~TorsionSISMA SLV X	0.	0.
2	105	~TorsionSISMA SLV X	0.	0.
2	110	~TorsionSISMA SLV X	0.	0.
2	112	~TorsionSISMA SLV Y	0.	0.
2	1	~TorsionSISMA SLV Y	0.	0.
2	105	~TorsionSISMA SLV Y	0.	0.
2	110	~TorsionSISMA SLV Y	0.	0.
2	112	~TorsionSISMA SLD X	0.	0.
2	1	~TorsionSISMA SLD X	0.	0.
2	105	~TorsionSISMA SLD X	0.	0.
2	110	~TorsionSISMA SLD X	0.	0.
2	112	~TorsionSISMA SLD Y	0.	0.
2	1	~TorsionSISMA SLD Y	0.	0.
2	105	~TorsionSISMA SLD Y	0.	0.
2	110	~TorsionSISMA SLD Y	0.	0.
2	112	~TorsionSISMA SLO X	0.	0.
2	1	~TorsionSISMA SLO X	0.	0.
2	105	~TorsionSISMA SLO X	0.	0.
2	110	~TorsionSISMA SLO X	0.	0.
2	112	~TorsionSISMA SLO Y	0.	0.
2	1	~TorsionSISMA SLO Y	0.	0.
2	105	~TorsionSISMA SLO Y	0.	0.
2	110	~TorsionSISMA SLO Y	0.	0.
3	138	G1_K	0.68	0.92
3	137	G1_K	0.68	0.92
3	2	G1_K	0.68	0.92
3	15	G1_K	0.68	0.92

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
3	138	G2_K	6.639E-02	-0.2
3	137	G2_K	6.639E-02	-0.2
3	2	G2_K	6.639E-02	-0.2
3	15	G2_K	6.639E-02	-0.2
3	138	Q_K	0.45	0.61
3	137	Q_K	0.45	0.61
3	2	Q_K	0.45	0.61
3	15	Q_K	0.45	0.61
3	138	N_K	5.343E-02	7.301E-02
3	137	N_K	5.343E-02	7.301E-02
3	2	N_K	5.343E-02	7.301E-02
3	15	N_K	5.343E-02	7.301E-02
3	138	T+_K	0.	0.
3	137	T+_K	0.	0.
3	2	T+_K	0.	0.
3	15	T+_K	0.	0.
3	138	T-_K	0.	0.
3	137	T-_K	0.	0.
3	2	T-_K	0.	0.
3	15	T-_K	0.	0.
3	138	G1_D	0.88	1.2
3	137	G1_D	0.88	1.2
3	2	G1_D	0.88	1.2
3	15	G1_D	0.88	1.2
3	138	G2_D	8.630E-02	-0.27
3	137	G2_D	8.630E-02	-0.27
3	2	G2_D	8.630E-02	-0.27
3	15	G2_D	8.630E-02	-0.27
3	138	Q_D	0.67	0.91
3	137	Q_D	0.67	0.91
3	2	Q_D	0.67	0.91
3	15	Q_D	0.67	0.91
3	138	N_D	8.015E-02	0.11
3	137	N_D	8.015E-02	0.11
3	2	N_D	8.015E-02	0.11
3	15	N_D	8.015E-02	0.11
3	138	T+_D	0.	0.
3	137	T+_D	0.	0.
3	2	T+_D	0.	0.
3	15	T+_D	0.	0.
3	138	T-_D	0.	0.
3	137	T-_D	0.	0.
3	2	T-_D	0.	0.
3	15	T-_D	0.	0.
3	138	W+_K	0.	0.
3	137	W+_K	0.	0.
3	2	W+_K	0.	0.
3	15	W+_K	0.	0.
3	138	W-_K	0.	0.
3	137	W-_K	0.	0.
3	2	W-_K	0.	0.
3	15	W-_K	0.	0.
3	138	W+_D	0.	0.
3	137	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
3	2	W+_D	0.	0.
3	15	W+_D	0.	0.
3	138	W-_D	0.	0.
3	137	W-_D	0.	0.
3	2	W-_D	0.	0.
3	15	W-_D	0.	0.
3	138	SISMA SLV X	0.33	0.11
3	137	SISMA SLV X	0.33	0.11
3	2	SISMA SLV X	0.33	0.11
3	15	SISMA SLV X	0.33	0.11
3	138	SISMA SLV Y	0.41	0.14
3	137	SISMA SLV Y	0.41	0.14
3	2	SISMA SLV Y	0.41	0.14
3	15	SISMA SLV Y	0.41	0.14
3	138	SISMA SLD X	0.16	5.305E-02
3	137	SISMA SLD X	0.16	5.305E-02
3	2	SISMA SLD X	0.16	5.305E-02
3	15	SISMA SLD X	0.16	5.305E-02
3	138	SISMA SLD Y	0.2	6.597E-02
3	137	SISMA SLD Y	0.2	6.597E-02
3	2	SISMA SLD Y	0.2	6.597E-02
3	15	SISMA SLD Y	0.2	6.597E-02
3	138	SISMA SLO X	0.13	4.396E-02
3	137	SISMA SLO X	0.13	4.396E-02
3	2	SISMA SLO X	0.13	4.396E-02
3	15	SISMA SLO X	0.13	4.396E-02
3	138	SISMA SLO Y	0.17	5.461E-02
3	137	SISMA SLO Y	0.17	5.461E-02
3	2	SISMA SLO Y	0.17	5.461E-02
3	15	SISMA SLO Y	0.17	5.461E-02
3	138	SLT	0.	0.
3	137	SLT	0.	0.
3	2	SLT	0.	0.
3	15	SLT	0.	0.
3	138	~TorsionSISMA SLV X	0.	0.
3	137	~TorsionSISMA SLV X	0.	0.
3	2	~TorsionSISMA SLV X	0.	0.
3	15	~TorsionSISMA SLV X	0.	0.
3	138	~TorsionSISMA SLV Y	0.	0.
3	137	~TorsionSISMA SLV Y	0.	0.
3	2	~TorsionSISMA SLV Y	0.	0.
3	15	~TorsionSISMA SLV Y	0.	0.
3	138	~TorsionSISMA SLD X	0.	0.
3	137	~TorsionSISMA SLD X	0.	0.
3	2	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
3	15	~TorsionSISMA SLD X	0.	0.
3	138	~TorsionSISMA SLD Y	0.	0.
3	137	~TorsionSISMA SLD Y	0.	0.
3	2	~TorsionSISMA SLD Y	0.	0.
3	15	~TorsionSISMA SLD Y	0.	0.
3	138	~TorsionSISMA SLO X	0.	0.
3	137	~TorsionSISMA SLO X	0.	0.
3	2	~TorsionSISMA SLO X	0.	0.
3	15	~TorsionSISMA SLO X	0.	0.
3	138	~TorsionSISMA SLO Y	0.	0.
3	137	~TorsionSISMA SLO Y	0.	0.
3	2	~TorsionSISMA SLO Y	0.	0.
3	15	~TorsionSISMA SLO Y	0.	0.
4	101	G1_K	0.	0.
4	172	G1_K	0.	0.
4	3	G1_K	0.	0.
4	4	G1_K	0.	0.
4	101	G2_K	0.	0.
4	172	G2_K	0.	0.
4	3	G2_K	0.	0.
4	4	G2_K	0.	0.
4	101	Q_K	0.	0.
4	172	Q_K	0.	0.
4	3	Q_K	0.	0.
4	4	Q_K	0.	0.
4	101	N_K	0.	0.
4	172	N_K	0.	0.
4	3	N_K	0.	0.
4	4	N_K	0.	0.
4	101	T+_K	0.	0.
4	172	T+_K	0.	0.
4	3	T+_K	0.	0.
4	4	T+_K	0.	0.
4	101	T-_K	0.	0.
4	172	T-_K	0.	0.
4	3	T-_K	0.	0.
4	4	T-_K	0.	0.
4	101	G1_D	0.	0.
4	172	G1_D	0.	0.
4	3	G1_D	0.	0.
4	4	G1_D	0.	0.
4	101	G2_D	0.	0.
4	172	G2_D	0.	0.
4	3	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
4	4	G2_D	0.	0.
4	101	Q_D	0.	0.
4	172	Q_D	0.	0.
4	3	Q_D	0.	0.
4	4	Q_D	0.	0.
4	101	N_D	0.	0.
4	172	N_D	0.	0.
4	3	N_D	0.	0.
4	4	N_D	0.	0.
4	101	T+_D	0.	0.
4	172	T+_D	0.	0.
4	3	T+_D	0.	0.
4	4	T+_D	0.	0.
4	101	T-_D	0.	0.
4	172	T-_D	0.	0.
4	3	T-_D	0.	0.
4	4	T-_D	0.	0.
4	101	W+_K	0.	0.
4	172	W+_K	0.	0.
4	3	W+_K	0.	0.
4	4	W+_K	0.	0.
4	101	W-_K	0.	0.
4	172	W-_K	0.	0.
4	3	W-_K	0.	0.
4	4	W-_K	0.	0.
4	101	W+_D	0.	0.
4	172	W+_D	0.	0.
4	3	W+_D	0.	0.
4	4	W+_D	0.	0.
4	101	W-_D	0.	0.
4	172	W-_D	0.	0.
4	3	W-_D	0.	0.
4	4	W-_D	0.	0.
4	101	SISMA SLV X	0.	0.
4	172	SISMA SLV X	0.	0.
4	3	SISMA SLV X	0.	0.
4	4	SISMA SLV X	0.	0.
4	101	SISMA SLV Y	0.	0.
4	172	SISMA SLV Y	0.	0.
4	3	SISMA SLV Y	0.	0.
4	4	SISMA SLV Y	0.	0.
4	101	SISMA SLD X	0.	0.
4	172	SISMA SLD X	0.	0.
4	3	SISMA SLD X	0.	0.
4	4	SISMA SLD X	0.	0.
4	101	SISMA SLD Y	0.	0.
4	172	SISMA SLD Y	0.	0.
4	3	SISMA SLD Y	0.	0.
4	4	SISMA SLD Y	0.	0.
4	101	SISMA SLO X	0.	0.
4	172	SISMA SLO X	0.	0.
4	3	SISMA SLO X	0.	0.
4	4	SISMA SLO X	0.	0.
4	101	SISMA SLO Y	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
4	172	SISMA SLO Y	0.	0.
4	3	SISMA SLO Y	0.	0.
4	4	SISMA SLO Y	0.	0.
4	101	SLT	0.	0.
4	172	SLT	0.	0.
4	3	SLT	0.	0.
4	4	SLT	0.	0.
4	101	~TorsionSISMA SLV X	0.	0.
4	172	~TorsionSISMA SLV X	0.	0.
4	3	~TorsionSISMA SLV X	0.	0.
4	4	~TorsionSISMA SLV X	0.	0.
4	101	~TorsionSISMA SLV Y	0.	0.
4	172	~TorsionSISMA SLV Y	0.	0.
4	3	~TorsionSISMA SLV Y	0.	0.
4	4	~TorsionSISMA SLV Y	0.	0.
4	101	~TorsionSISMA SLD X	0.	0.
4	172	~TorsionSISMA SLD X	0.	0.
4	3	~TorsionSISMA SLD X	0.	0.
4	4	~TorsionSISMA SLD X	0.	0.
4	101	~TorsionSISMA SLD Y	0.	0.
4	172	~TorsionSISMA SLD Y	0.	0.
4	3	~TorsionSISMA SLD Y	0.	0.
4	4	~TorsionSISMA SLD Y	0.	0.
4	101	~TorsionSISMA SLO X	0.	0.
4	172	~TorsionSISMA SLO X	0.	0.
4	3	~TorsionSISMA SLO X	0.	0.
4	4	~TorsionSISMA SLO X	0.	0.
4	101	~TorsionSISMA SLO Y	0.	0.
4	172	~TorsionSISMA SLO Y	0.	0.
4	3	~TorsionSISMA SLO Y	0.	0.
4	4	~TorsionSISMA SLO Y	0.	0.
5	172	G1_K	0.	0.
5	175	G1_K	0.	0.
5	5	G1_K	0.	0.
5	3	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
5	172	G2_K	0.	0.
5	175	G2_K	0.	0.
5	5	G2_K	0.	0.
5	3	G2_K	0.	0.
5	172	Q_K	0.	0.
5	175	Q_K	0.	0.
5	5	Q_K	0.	0.
5	3	Q_K	0.	0.
5	172	N_K	0.	0.
5	175	N_K	0.	0.
5	5	N_K	0.	0.
5	3	N_K	0.	0.
5	172	T+_K	0.	0.
5	175	T+_K	0.	0.
5	5	T+_K	0.	0.
5	3	T+_K	0.	0.
5	172	T-_K	0.	0.
5	175	T-_K	0.	0.
5	5	T-_K	0.	0.
5	3	T-_K	0.	0.
5	172	G1_D	0.	0.
5	175	G1_D	0.	0.
5	5	G1_D	0.	0.
5	3	G1_D	0.	0.
5	172	G2_D	0.	0.
5	175	G2_D	0.	0.
5	5	G2_D	0.	0.
5	3	G2_D	0.	0.
5	172	Q_D	0.	0.
5	175	Q_D	0.	0.
5	5	Q_D	0.	0.
5	3	Q_D	0.	0.
5	172	N_D	0.	0.
5	175	N_D	0.	0.
5	5	N_D	0.	0.
5	3	N_D	0.	0.
5	172	T+_D	0.	0.
5	175	T+_D	0.	0.
5	5	T+_D	0.	0.
5	3	T+_D	0.	0.
5	172	T-_D	0.	0.
5	175	T-_D	0.	0.
5	5	T-_D	0.	0.
5	3	T-_D	0.	0.
5	172	W+_K	0.	0.
5	175	W+_K	0.	0.
5	5	W+_K	0.	0.
5	3	W+_K	0.	0.
5	172	W-_K	0.	0.
5	175	W-_K	0.	0.
5	5	W-_K	0.	0.
5	3	W-_K	0.	0.
5	172	W+_D	0.	0.
5	175	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
5	5	W+_D	0.	0.
5	3	W+_D	0.	0.
5	172	W-_D	0.	0.
5	175	W-_D	0.	0.
5	5	W-_D	0.	0.
5	3	W-_D	0.	0.
5	172	SISMA SLV X	0.	0.
5	175	SISMA SLV X	0.	0.
5	5	SISMA SLV X	0.	0.
5	3	SISMA SLV X	0.	0.
5	172	SISMA SLV Y	0.	0.
5	175	SISMA SLV Y	0.	0.
5	5	SISMA SLV Y	0.	0.
5	3	SISMA SLV Y	0.	0.
5	172	SISMA SLD X	0.	0.
5	175	SISMA SLD X	0.	0.
5	5	SISMA SLD X	0.	0.
5	3	SISMA SLD X	0.	0.
5	172	SISMA SLD Y	0.	0.
5	175	SISMA SLD Y	0.	0.
5	5	SISMA SLD Y	0.	0.
5	3	SISMA SLD Y	0.	0.
5	172	SISMA SLO X	0.	0.
5	175	SISMA SLO X	0.	0.
5	5	SISMA SLO X	0.	0.
5	3	SISMA SLO X	0.	0.
5	172	SISMA SLO Y	0.	0.
5	175	SISMA SLO Y	0.	0.
5	5	SISMA SLO Y	0.	0.
5	3	SISMA SLO Y	0.	0.
5	172	SLT	0.	0.
5	175	SLT	0.	0.
5	5	SLT	0.	0.
5	3	SLT	0.	0.
5	172	~TorsionSISMA SLV X	0.	0.
5	175	~TorsionSISMA SLV X	0.	0.
5	5	~TorsionSISMA SLV X	0.	0.
5	3	~TorsionSISMA SLV X	0.	0.
5	172	~TorsionSISMA SLV Y	0.	0.
5	175	~TorsionSISMA SLV Y	0.	0.
5	5	~TorsionSISMA SLV Y	0.	0.
5	3	~TorsionSISMA SLV Y	0.	0.
5	172	~TorsionSISMA SLD X	0.	0.
5	175	~TorsionSISMA SLD X	0.	0.
5	5	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
5	3	~TorsionSISMA SLD X	0.	0.
5	172	~TorsionSISMA SLD Y	0.	0.
5	175	~TorsionSISMA SLD Y	0.	0.
5	5	~TorsionSISMA SLD Y	0.	0.
5	3	~TorsionSISMA SLD Y	0.	0.
5	172	~TorsionSISMA SLO X	0.	0.
5	175	~TorsionSISMA SLO X	0.	0.
5	5	~TorsionSISMA SLO X	0.	0.
5	3	~TorsionSISMA SLO X	0.	0.
5	172	~TorsionSISMA SLO Y	0.	0.
5	175	~TorsionSISMA SLO Y	0.	0.
5	5	~TorsionSISMA SLO Y	0.	0.
5	3	~TorsionSISMA SLO Y	0.	0.
6	175	G1_K	0.	0.
6	178	G1_K	0.	0.
6	6	G1_K	0.	0.
6	5	G1_K	0.	0.
6	175	G2_K	0.	0.
6	178	G2_K	0.	0.
6	6	G2_K	0.	0.
6	5	G2_K	0.	0.
6	175	Q_K	0.	0.
6	178	Q_K	0.	0.
6	6	Q_K	0.	0.
6	5	Q_K	0.	0.
6	175	N_K	0.	0.
6	178	N_K	0.	0.
6	6	N_K	0.	0.
6	5	N_K	0.	0.
6	175	T+_K	0.	0.
6	178	T+_K	0.	0.
6	6	T+_K	0.	0.
6	5	T+_K	0.	0.
6	175	T-_K	0.	0.
6	178	T-_K	0.	0.
6	6	T-_K	0.	0.
6	5	T-_K	0.	0.
6	175	G1_D	0.	0.
6	178	G1_D	0.	0.
6	6	G1_D	0.	0.
6	5	G1_D	0.	0.
6	175	G2_D	0.	0.
6	178	G2_D	0.	0.
6	6	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
6	5	G2_D	0.	0.
6	175	Q_D	0.	0.
6	178	Q_D	0.	0.
6	6	Q_D	0.	0.
6	5	Q_D	0.	0.
6	175	N_D	0.	0.
6	178	N_D	0.	0.
6	6	N_D	0.	0.
6	5	N_D	0.	0.
6	175	T+_D	0.	0.
6	178	T+_D	0.	0.
6	6	T+_D	0.	0.
6	5	T+_D	0.	0.
6	175	T-_D	0.	0.
6	178	T-_D	0.	0.
6	6	T-_D	0.	0.
6	5	T-_D	0.	0.
6	175	W+_K	0.	0.
6	178	W+_K	0.	0.
6	6	W+_K	0.	0.
6	5	W+_K	0.	0.
6	175	W-_K	0.	0.
6	178	W-_K	0.	0.
6	6	W-_K	0.	0.
6	5	W-_K	0.	0.
6	175	W+_D	0.	0.
6	178	W+_D	0.	0.
6	6	W+_D	0.	0.
6	5	W+_D	0.	0.
6	175	W-_D	0.	0.
6	178	W-_D	0.	0.
6	6	W-_D	0.	0.
6	5	W-_D	0.	0.
6	175	SISMA SLV X	0.	0.
6	178	SISMA SLV X	0.	0.
6	6	SISMA SLV X	0.	0.
6	5	SISMA SLV X	0.	0.
6	175	SISMA SLV Y	0.	0.
6	178	SISMA SLV Y	0.	0.
6	6	SISMA SLV Y	0.	0.
6	5	SISMA SLV Y	0.	0.
6	175	SISMA SLD X	0.	0.
6	178	SISMA SLD X	0.	0.
6	6	SISMA SLD X	0.	0.
6	5	SISMA SLD X	0.	0.
6	175	SISMA SLD Y	0.	0.
6	178	SISMA SLD Y	0.	0.
6	6	SISMA SLD Y	0.	0.
6	5	SISMA SLD Y	0.	0.
6	175	SISMA SLO X	0.	0.
6	178	SISMA SLO X	0.	0.
6	6	SISMA SLO X	0.	0.
6	5	SISMA SLO X	0.	0.
6	175	SISMA SLO Y	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
6	178	SISMA SLO Y	0.	0.
6	6	SISMA SLO Y	0.	0.
6	5	SISMA SLO Y	0.	0.
6	175	SLT	0.	0.
6	178	SLT	0.	0.
6	6	SLT	0.	0.
6	5	SLT	0.	0.
6	175	~TorsionSISMA SLV X	0.	0.
6	178	~TorsionSISMA SLV X	0.	0.
6	6	~TorsionSISMA SLV X	0.	0.
6	5	~TorsionSISMA SLV X	0.	0.
6	175	~TorsionSISMA SLV Y	0.	0.
6	178	~TorsionSISMA SLV Y	0.	0.
6	6	~TorsionSISMA SLV Y	0.	0.
6	5	~TorsionSISMA SLV Y	0.	0.
6	175	~TorsionSISMA SLD X	0.	0.
6	178	~TorsionSISMA SLD X	0.	0.
6	6	~TorsionSISMA SLD X	0.	0.
6	5	~TorsionSISMA SLD X	0.	0.
6	175	~TorsionSISMA SLD Y	0.	0.
6	178	~TorsionSISMA SLD Y	0.	0.
6	6	~TorsionSISMA SLD Y	0.	0.
6	5	~TorsionSISMA SLD Y	0.	0.
6	175	~TorsionSISMA SLO X	0.	0.
6	178	~TorsionSISMA SLO X	0.	0.
6	6	~TorsionSISMA SLO X	0.	0.
6	5	~TorsionSISMA SLO X	0.	0.
6	175	~TorsionSISMA SLO Y	0.	0.
6	178	~TorsionSISMA SLO Y	0.	0.
6	6	~TorsionSISMA SLO Y	0.	0.
6	5	~TorsionSISMA SLO Y	0.	0.
7	178	G1_K	0.	0.
7	100	G1_K	0.	0.
7	161	G1_K	0.	0.
7	6	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
7	178	G2_K	0.	0.
7	100	G2_K	0.	0.
7	161	G2_K	0.	0.
7	6	G2_K	0.	0.
7	178	Q_K	0.	0.
7	100	Q_K	0.	0.
7	161	Q_K	0.	0.
7	6	Q_K	0.	0.
7	178	N_K	0.	0.
7	100	N_K	0.	0.
7	161	N_K	0.	0.
7	6	N_K	0.	0.
7	178	T+_K	0.	0.
7	100	T+_K	0.	0.
7	161	T+_K	0.	0.
7	6	T+_K	0.	0.
7	178	T-_K	0.	0.
7	100	T-_K	0.	0.
7	161	T-_K	0.	0.
7	6	T-_K	0.	0.
7	178	G1_D	0.	0.
7	100	G1_D	0.	0.
7	161	G1_D	0.	0.
7	6	G1_D	0.	0.
7	178	G2_D	0.	0.
7	100	G2_D	0.	0.
7	161	G2_D	0.	0.
7	6	G2_D	0.	0.
7	178	Q_D	0.	0.
7	100	Q_D	0.	0.
7	161	Q_D	0.	0.
7	6	Q_D	0.	0.
7	178	N_D	0.	0.
7	100	N_D	0.	0.
7	161	N_D	0.	0.
7	6	N_D	0.	0.
7	178	T+_D	0.	0.
7	100	T+_D	0.	0.
7	161	T+_D	0.	0.
7	6	T+_D	0.	0.
7	178	T-_D	0.	0.
7	100	T-_D	0.	0.
7	161	T-_D	0.	0.
7	6	T-_D	0.	0.
7	178	W+_K	0.	0.
7	100	W+_K	0.	0.
7	161	W+_K	0.	0.
7	6	W+_K	0.	0.
7	178	W-_K	0.	0.
7	100	W-_K	0.	0.
7	161	W-_K	0.	0.
7	6	W-_K	0.	0.
7	178	W+_D	0.	0.
7	100	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
7	161	W+_D	0.	0.
7	6	W+_D	0.	0.
7	178	W-_D	0.	0.
7	100	W-_D	0.	0.
7	161	W-_D	0.	0.
7	6	W-_D	0.	0.
7	178	SISMA SLV X	0.	0.
7	100	SISMA SLV X	0.	0.
7	161	SISMA SLV X	0.	0.
7	6	SISMA SLV X	0.	0.
7	178	SISMA SLV Y	0.	0.
7	100	SISMA SLV Y	0.	0.
7	161	SISMA SLV Y	0.	0.
7	6	SISMA SLV Y	0.	0.
7	178	SISMA SLD X	0.	0.
7	100	SISMA SLD X	0.	0.
7	161	SISMA SLD X	0.	0.
7	6	SISMA SLD X	0.	0.
7	178	SISMA SLD Y	0.	0.
7	100	SISMA SLD Y	0.	0.
7	161	SISMA SLD Y	0.	0.
7	6	SISMA SLD Y	0.	0.
7	178	SISMA SLO X	0.	0.
7	100	SISMA SLO X	0.	0.
7	161	SISMA SLO X	0.	0.
7	6	SISMA SLO X	0.	0.
7	178	SISMA SLO Y	0.	0.
7	100	SISMA SLO Y	0.	0.
7	161	SISMA SLO Y	0.	0.
7	6	SISMA SLO Y	0.	0.
7	178	SLT	0.	0.
7	100	SLT	0.	0.
7	161	SLT	0.	0.
7	6	SLT	0.	0.
7	178	~TorsionSISMA SLV X	0.	0.
7	100	~TorsionSISMA SLV X	0.	0.
7	161	~TorsionSISMA SLV X	0.	0.
7	6	~TorsionSISMA SLV X	0.	0.
7	178	~TorsionSISMA SLV Y	0.	0.
7	100	~TorsionSISMA SLV Y	0.	0.
7	161	~TorsionSISMA SLV Y	0.	0.
7	6	~TorsionSISMA SLV Y	0.	0.
7	178	~TorsionSISMA SLD X	0.	0.
7	100	~TorsionSISMA SLD X	0.	0.
7	161	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
7	6	~TorsionSISMA SLD X	0.	0.
7	178	~TorsionSISMA SLD Y	0.	0.
7	100	~TorsionSISMA SLD Y	0.	0.
7	161	~TorsionSISMA SLD Y	0.	0.
7	6	~TorsionSISMA SLD Y	0.	0.
7	178	~TorsionSISMA SLO X	0.	0.
7	100	~TorsionSISMA SLO X	0.	0.
7	161	~TorsionSISMA SLO X	0.	0.
7	6	~TorsionSISMA SLO X	0.	0.
7	178	~TorsionSISMA SLO Y	0.	0.
7	100	~TorsionSISMA SLO Y	0.	0.
7	161	~TorsionSISMA SLO Y	0.	0.
7	6	~TorsionSISMA SLO Y	0.	0.
8	4	G1_K	0.	0.
8	3	G1_K	0.	0.
8	7	G1_K	0.	0.
8	8	G1_K	0.	0.
8	4	G2_K	0.	0.
8	3	G2_K	0.	0.
8	7	G2_K	0.	0.
8	8	G2_K	0.	0.
8	4	Q_K	0.	0.
8	3	Q_K	0.	0.
8	7	Q_K	0.	0.
8	8	Q_K	0.	0.
8	4	N_K	0.	0.
8	3	N_K	0.	0.
8	7	N_K	0.	0.
8	8	N_K	0.	0.
8	4	T+_K	0.	0.
8	3	T+_K	0.	0.
8	7	T+_K	0.	0.
8	8	T+_K	0.	0.
8	4	T-_K	0.	0.
8	3	T-_K	0.	0.
8	7	T-_K	0.	0.
8	8	T-_K	0.	0.
8	4	G1_D	0.	0.
8	3	G1_D	0.	0.
8	7	G1_D	0.	0.
8	8	G1_D	0.	0.
8	4	G2_D	0.	0.
8	3	G2_D	0.	0.
8	7	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
8	8	G2_D	0.	0.
8	4	Q_D	0.	0.
8	3	Q_D	0.	0.
8	7	Q_D	0.	0.
8	8	Q_D	0.	0.
8	4	N_D	0.	0.
8	3	N_D	0.	0.
8	7	N_D	0.	0.
8	8	N_D	0.	0.
8	4	T+_D	0.	0.
8	3	T+_D	0.	0.
8	7	T+_D	0.	0.
8	8	T+_D	0.	0.
8	4	T-_D	0.	0.
8	3	T-_D	0.	0.
8	7	T-_D	0.	0.
8	8	T-_D	0.	0.
8	4	W+_K	0.	0.
8	3	W+_K	0.	0.
8	7	W+_K	0.	0.
8	8	W+_K	0.	0.
8	4	W-_K	0.	0.
8	3	W-_K	0.	0.
8	7	W-_K	0.	0.
8	8	W-_K	0.	0.
8	4	W+_D	0.	0.
8	3	W+_D	0.	0.
8	7	W+_D	0.	0.
8	8	W+_D	0.	0.
8	4	W-_D	0.	0.
8	3	W-_D	0.	0.
8	7	W-_D	0.	0.
8	8	W-_D	0.	0.
8	4	SISMA SLV X	0.	0.
8	3	SISMA SLV X	0.	0.
8	7	SISMA SLV X	0.	0.
8	8	SISMA SLV X	0.	0.
8	4	SISMA SLV Y	0.	0.
8	3	SISMA SLV Y	0.	0.
8	7	SISMA SLV Y	0.	0.
8	8	SISMA SLV Y	0.	0.
8	4	SISMA SLD X	0.	0.
8	3	SISMA SLD X	0.	0.
8	7	SISMA SLD X	0.	0.
8	8	SISMA SLD X	0.	0.
8	4	SISMA SLD Y	0.	0.
8	3	SISMA SLD Y	0.	0.
8	7	SISMA SLD Y	0.	0.
8	8	SISMA SLD Y	0.	0.
8	4	SISMA SLO X	0.	0.
8	3	SISMA SLO X	0.	0.
8	7	SISMA SLO X	0.	0.
8	8	SISMA SLO X	0.	0.
8	4	SISMA SLO Y	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
8	3	SISMA SLO Y	0.	0.
8	7	SISMA SLO Y	0.	0.
8	8	SISMA SLO Y	0.	0.
8	4	SLT	0.	0.
8	3	SLT	0.	0.
8	7	SLT	0.	0.
8	8	SLT	0.	0.
8	4	~TorsionSISMA SLV X	0.	0.
8	3	~TorsionSISMA SLV X	0.	0.
8	7	~TorsionSISMA SLV X	0.	0.
8	8	~TorsionSISMA SLV X	0.	0.
8	4	~TorsionSISMA SLV Y	0.	0.
8	3	~TorsionSISMA SLV Y	0.	0.
8	7	~TorsionSISMA SLV Y	0.	0.
8	8	~TorsionSISMA SLV Y	0.	0.
8	4	~TorsionSISMA SLD X	0.	0.
8	3	~TorsionSISMA SLD X	0.	0.
8	7	~TorsionSISMA SLD X	0.	0.
8	8	~TorsionSISMA SLD X	0.	0.
8	4	~TorsionSISMA SLD Y	0.	0.
8	3	~TorsionSISMA SLD Y	0.	0.
8	7	~TorsionSISMA SLD Y	0.	0.
8	8	~TorsionSISMA SLD Y	0.	0.
8	4	~TorsionSISMA SLO X	0.	0.
8	3	~TorsionSISMA SLO X	0.	0.
8	7	~TorsionSISMA SLO X	0.	0.
8	8	~TorsionSISMA SLO X	0.	0.
8	4	~TorsionSISMA SLO Y	0.	0.
8	3	~TorsionSISMA SLO Y	0.	0.
8	7	~TorsionSISMA SLO Y	0.	0.
8	8	~TorsionSISMA SLO Y	0.	0.
9	3	G1_K	0.	0.
9	5	G1_K	0.	0.
9	9	G1_K	0.	0.
9	7	G1_K	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
9	3	G2_K	0.	0.
9	5	G2_K	0.	0.
9	9	G2_K	0.	0.
9	7	G2_K	0.	0.
9	3	Q_K	0.	0.
9	5	Q_K	0.	0.
9	9	Q_K	0.	0.
9	7	Q_K	0.	0.
9	3	N_K	0.	0.
9	5	N_K	0.	0.
9	9	N_K	0.	0.
9	7	N_K	0.	0.
9	3	T+_K	0.	0.
9	5	T+_K	0.	0.
9	9	T+_K	0.	0.
9	7	T+_K	0.	0.
9	3	T-_K	0.	0.
9	5	T-_K	0.	0.
9	9	T-_K	0.	0.
9	7	T-_K	0.	0.
9	3	G1_D	0.	0.
9	5	G1_D	0.	0.
9	9	G1_D	0.	0.
9	7	G1_D	0.	0.
9	3	G2_D	0.	0.
9	5	G2_D	0.	0.
9	9	G2_D	0.	0.
9	7	G2_D	0.	0.
9	3	Q_D	0.	0.
9	5	Q_D	0.	0.
9	9	Q_D	0.	0.
9	7	Q_D	0.	0.
9	3	N_D	0.	0.
9	5	N_D	0.	0.
9	9	N_D	0.	0.
9	7	N_D	0.	0.
9	3	T+_D	0.	0.
9	5	T+_D	0.	0.
9	9	T+_D	0.	0.
9	7	T+_D	0.	0.
9	3	T-_D	0.	0.
9	5	T-_D	0.	0.
9	9	T-_D	0.	0.
9	7	T-_D	0.	0.
9	3	W+_K	0.	0.
9	5	W+_K	0.	0.
9	9	W+_K	0.	0.
9	7	W+_K	0.	0.
9	3	W-_K	0.	0.
9	5	W-_K	0.	0.
9	9	W-_K	0.	0.
9	7	W-_K	0.	0.
9	3	W+_D	0.	0.
9	5	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
9	9	W+_D	0.	0.
9	7	W+_D	0.	0.
9	3	W-_D	0.	0.
9	5	W-_D	0.	0.
9	9	W-_D	0.	0.
9	7	W-_D	0.	0.
9	3	SISMA SLV X	0.	0.
9	5	SISMA SLV X	0.	0.
9	9	SISMA SLV X	0.	0.
9	7	SISMA SLV X	0.	0.
9	3	SISMA SLV Y	0.	0.
9	5	SISMA SLV Y	0.	0.
9	9	SISMA SLV Y	0.	0.
9	7	SISMA SLV Y	0.	0.
9	3	SISMA SLD X	0.	0.
9	5	SISMA SLD X	0.	0.
9	9	SISMA SLD X	0.	0.
9	7	SISMA SLD X	0.	0.
9	3	SISMA SLD Y	0.	0.
9	5	SISMA SLD Y	0.	0.
9	9	SISMA SLD Y	0.	0.
9	7	SISMA SLD Y	0.	0.
9	3	SISMA SLO X	0.	0.
9	5	SISMA SLO X	0.	0.
9	9	SISMA SLO X	0.	0.
9	7	SISMA SLO X	0.	0.
9	3	SISMA SLO Y	0.	0.
9	5	SISMA SLO Y	0.	0.
9	9	SISMA SLO Y	0.	0.
9	7	SISMA SLO Y	0.	0.
9	3	SLT	0.	0.
9	5	SLT	0.	0.
9	9	SLT	0.	0.
9	7	SLT	0.	0.
9	3	~TorsionSISMA SLV X	0.	0.
9	5	~TorsionSISMA SLV X	0.	0.
9	9	~TorsionSISMA SLV X	0.	0.
9	7	~TorsionSISMA SLV X	0.	0.
9	3	~TorsionSISMA SLV Y	0.	0.
9	5	~TorsionSISMA SLV Y	0.	0.
9	9	~TorsionSISMA SLV Y	0.	0.
9	7	~TorsionSISMA SLV Y	0.	0.
9	3	~TorsionSISMA SLD X	0.	0.
9	5	~TorsionSISMA SLD X	0.	0.
9	9	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
9	7	~TorsionSISMA SLD X	0.	0.
9	3	~TorsionSISMA SLD Y	0.	0.
9	5	~TorsionSISMA SLD Y	0.	0.
9	9	~TorsionSISMA SLD Y	0.	0.
9	7	~TorsionSISMA SLD Y	0.	0.
9	3	~TorsionSISMA SLO X	0.	0.
9	5	~TorsionSISMA SLO X	0.	0.
9	9	~TorsionSISMA SLO X	0.	0.
9	7	~TorsionSISMA SLO X	0.	0.
9	3	~TorsionSISMA SLO Y	0.	0.
9	5	~TorsionSISMA SLO Y	0.	0.
9	9	~TorsionSISMA SLO Y	0.	0.
9	7	~TorsionSISMA SLO Y	0.	0.
10	5	G1_K	0.	0.
10	6	G1_K	0.	0.
10	10	G1_K	0.	0.
10	9	G1_K	0.	0.
10	5	G2_K	0.	0.
10	6	G2_K	0.	0.
10	10	G2_K	0.	0.
10	9	G2_K	0.	0.
10	5	Q_K	0.	0.
10	6	Q_K	0.	0.
10	10	Q_K	0.	0.
10	9	Q_K	0.	0.
10	5	N_K	0.	0.
10	6	N_K	0.	0.
10	10	N_K	0.	0.
10	9	N_K	0.	0.
10	5	T+_K	0.	0.
10	6	T+_K	0.	0.
10	10	T+_K	0.	0.
10	9	T+_K	0.	0.
10	5	T-_K	0.	0.
10	6	T-_K	0.	0.
10	10	T-_K	0.	0.
10	9	T-_K	0.	0.
10	5	G1_D	0.	0.
10	6	G1_D	0.	0.
10	10	G1_D	0.	0.
10	9	G1_D	0.	0.
10	5	G2_D	0.	0.
10	6	G2_D	0.	0.
10	10	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
10	9	G2_D	0.	0.
10	5	Q_D	0.	0.
10	6	Q_D	0.	0.
10	10	Q_D	0.	0.
10	9	Q_D	0.	0.
10	5	N_D	0.	0.
10	6	N_D	0.	0.
10	10	N_D	0.	0.
10	9	N_D	0.	0.
10	5	T+_D	0.	0.
10	6	T+_D	0.	0.
10	10	T+_D	0.	0.
10	9	T+_D	0.	0.
10	5	T-_D	0.	0.
10	6	T-_D	0.	0.
10	10	T-_D	0.	0.
10	9	T-_D	0.	0.
10	5	W+_K	0.	0.
10	6	W+_K	0.	0.
10	10	W+_K	0.	0.
10	9	W+_K	0.	0.
10	5	W-_K	0.	0.
10	6	W-_K	0.	0.
10	10	W-_K	0.	0.
10	9	W-_K	0.	0.
10	5	W+_D	0.	0.
10	6	W+_D	0.	0.
10	10	W+_D	0.	0.
10	9	W+_D	0.	0.
10	5	W-_D	0.	0.
10	6	W-_D	0.	0.
10	10	W-_D	0.	0.
10	9	W-_D	0.	0.
10	5	SISMA SLV X	0.	0.
10	6	SISMA SLV X	0.	0.
10	10	SISMA SLV X	0.	0.
10	9	SISMA SLV X	0.	0.
10	5	SISMA SLV Y	0.	0.
10	6	SISMA SLV Y	0.	0.
10	10	SISMA SLV Y	0.	0.
10	9	SISMA SLV Y	0.	0.
10	5	SISMA SLD X	0.	0.
10	6	SISMA SLD X	0.	0.
10	10	SISMA SLD X	0.	0.
10	9	SISMA SLD X	0.	0.
10	5	SISMA SLD Y	0.	0.
10	6	SISMA SLD Y	0.	0.
10	10	SISMA SLD Y	0.	0.
10	9	SISMA SLD Y	0.	0.
10	5	SISMA SLO X	0.	0.
10	6	SISMA SLO X	0.	0.
10	10	SISMA SLO X	0.	0.
10	9	SISMA SLO X	0.	0.
10	5	SISMA SLO Y	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
10	6	SISMA SLO Y	0.	0.
10	10	SISMA SLO Y	0.	0.
10	9	SISMA SLO Y	0.	0.
10	5	SLT	0.	0.
10	6	SLT	0.	0.
10	10	SLT	0.	0.
10	9	SLT	0.	0.
10	5	~TorsionSISMA SLV X	0.	0.
10	6	~TorsionSISMA SLV X	0.	0.
10	10	~TorsionSISMA SLV X	0.	0.
10	9	~TorsionSISMA SLV X	0.	0.
10	5	~TorsionSISMA SLV Y	0.	0.
10	6	~TorsionSISMA SLV Y	0.	0.
10	10	~TorsionSISMA SLV Y	0.	0.
10	9	~TorsionSISMA SLV Y	0.	0.
10	5	~TorsionSISMA SLD X	0.	0.
10	6	~TorsionSISMA SLD X	0.	0.
10	10	~TorsionSISMA SLD X	0.	0.
10	9	~TorsionSISMA SLD X	0.	0.
10	5	~TorsionSISMA SLD Y	0.	0.
10	6	~TorsionSISMA SLD Y	0.	0.
10	10	~TorsionSISMA SLD Y	0.	0.
10	9	~TorsionSISMA SLD Y	0.	0.
10	5	~TorsionSISMA SLO X	0.	0.
10	6	~TorsionSISMA SLO X	0.	0.
10	10	~TorsionSISMA SLO X	0.	0.
10	9	~TorsionSISMA SLO X	0.	0.
10	5	~TorsionSISMA SLO Y	0.	0.
10	6	~TorsionSISMA SLO Y	0.	0.
10	10	~TorsionSISMA SLO Y	0.	0.
10	9	~TorsionSISMA SLO Y	0.	0.
11	6	G1_K	0.	0.
11	161	G1_K	0.	0.
11	166	G1_K	0.	0.
11	10	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
11	6	G2_K	0.	0.
11	161	G2_K	0.	0.
11	166	G2_K	0.	0.
11	10	G2_K	0.	0.
11	6	Q_K	0.	0.
11	161	Q_K	0.	0.
11	166	Q_K	0.	0.
11	10	Q_K	0.	0.
11	6	N_K	0.	0.
11	161	N_K	0.	0.
11	166	N_K	0.	0.
11	10	N_K	0.	0.
11	6	T+_K	0.	0.
11	161	T+_K	0.	0.
11	166	T+_K	0.	0.
11	10	T+_K	0.	0.
11	6	T-_K	0.	0.
11	161	T-_K	0.	0.
11	166	T-_K	0.	0.
11	10	T-_K	0.	0.
11	6	G1_D	0.	0.
11	161	G1_D	0.	0.
11	166	G1_D	0.	0.
11	10	G1_D	0.	0.
11	6	G2_D	0.	0.
11	161	G2_D	0.	0.
11	166	G2_D	0.	0.
11	10	G2_D	0.	0.
11	6	Q_D	0.	0.
11	161	Q_D	0.	0.
11	166	Q_D	0.	0.
11	10	Q_D	0.	0.
11	6	N_D	0.	0.
11	161	N_D	0.	0.
11	166	N_D	0.	0.
11	10	N_D	0.	0.
11	6	T+_D	0.	0.
11	161	T+_D	0.	0.
11	166	T+_D	0.	0.
11	10	T+_D	0.	0.
11	6	T-_D	0.	0.
11	161	T-_D	0.	0.
11	166	T-_D	0.	0.
11	10	T-_D	0.	0.
11	6	W+_K	0.	0.
11	161	W+_K	0.	0.
11	166	W+_K	0.	0.
11	10	W+_K	0.	0.
11	6	W-_K	0.	0.
11	161	W-_K	0.	0.
11	166	W-_K	0.	0.
11	10	W-_K	0.	0.
11	6	W+_D	0.	0.
11	161	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
11	166	W+_D	0.	0.
11	10	W+_D	0.	0.
11	6	W-_D	0.	0.
11	161	W-_D	0.	0.
11	166	W-_D	0.	0.
11	10	W-_D	0.	0.
11	6	SISMA SLV X	0.	0.
11	161	SISMA SLV X	0.	0.
11	166	SISMA SLV X	0.	0.
11	10	SISMA SLV X	0.	0.
11	6	SISMA SLV Y	0.	0.
11	161	SISMA SLV Y	0.	0.
11	166	SISMA SLV Y	0.	0.
11	10	SISMA SLV Y	0.	0.
11	6	SISMA SLD X	0.	0.
11	161	SISMA SLD X	0.	0.
11	166	SISMA SLD X	0.	0.
11	10	SISMA SLD X	0.	0.
11	6	SISMA SLD Y	0.	0.
11	161	SISMA SLD Y	0.	0.
11	166	SISMA SLD Y	0.	0.
11	10	SISMA SLD Y	0.	0.
11	6	SISMA SLO X	0.	0.
11	161	SISMA SLO X	0.	0.
11	166	SISMA SLO X	0.	0.
11	10	SISMA SLO X	0.	0.
11	6	SISMA SLO Y	0.	0.
11	161	SISMA SLO Y	0.	0.
11	166	SISMA SLO Y	0.	0.
11	10	SISMA SLO Y	0.	0.
11	6	SLT	0.	0.
11	161	SLT	0.	0.
11	166	SLT	0.	0.
11	10	SLT	0.	0.
11	6	~TorsionSISMA SLV X	0.	0.
11	161	~TorsionSISMA SLV X	0.	0.
11	166	~TorsionSISMA SLV X	0.	0.
11	10	~TorsionSISMA SLV X	0.	0.
11	6	~TorsionSISMA SLV Y	0.	0.
11	161	~TorsionSISMA SLV Y	0.	0.
11	166	~TorsionSISMA SLV Y	0.	0.
11	10	~TorsionSISMA SLV Y	0.	0.
11	6	~TorsionSISMA SLD X	0.	0.
11	161	~TorsionSISMA SLD X	0.	0.
11	166	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
11	10	~TorsionSISMA SLD X	0.	0.
11	6	~TorsionSISMA SLD Y	0.	0.
11	161	~TorsionSISMA SLD Y	0.	0.
11	166	~TorsionSISMA SLD Y	0.	0.
11	10	~TorsionSISMA SLD Y	0.	0.
11	6	~TorsionSISMA SLO X	0.	0.
11	161	~TorsionSISMA SLO X	0.	0.
11	166	~TorsionSISMA SLO X	0.	0.
11	10	~TorsionSISMA SLO X	0.	0.
11	6	~TorsionSISMA SLO Y	0.	0.
11	161	~TorsionSISMA SLO Y	0.	0.
11	166	~TorsionSISMA SLO Y	0.	0.
11	10	~TorsionSISMA SLO Y	0.	0.
12	8	G1_K	0.	0.
12	7	G1_K	0.	0.
12	11	G1_K	0.	0.
12	12	G1_K	0.	0.
12	8	G2_K	0.	0.
12	7	G2_K	0.	0.
12	11	G2_K	0.	0.
12	12	G2_K	0.	0.
12	8	Q_K	0.	0.
12	7	Q_K	0.	0.
12	11	Q_K	0.	0.
12	12	Q_K	0.	0.
12	8	N_K	0.	0.
12	7	N_K	0.	0.
12	11	N_K	0.	0.
12	12	N_K	0.	0.
12	8	T+_K	0.	0.
12	7	T+_K	0.	0.
12	11	T+_K	0.	0.
12	12	T+_K	0.	0.
12	8	T-_K	0.	0.
12	7	T-_K	0.	0.
12	11	T-_K	0.	0.
12	12	T-_K	0.	0.
12	8	G1_D	0.	0.
12	7	G1_D	0.	0.
12	11	G1_D	0.	0.
12	12	G1_D	0.	0.
12	8	G2_D	0.	0.
12	7	G2_D	0.	0.
12	11	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
12	12	G2_D	0.	0.
12	8	Q_D	0.	0.
12	7	Q_D	0.	0.
12	11	Q_D	0.	0.
12	12	Q_D	0.	0.
12	8	N_D	0.	0.
12	7	N_D	0.	0.
12	11	N_D	0.	0.
12	12	N_D	0.	0.
12	8	T+_D	0.	0.
12	7	T+_D	0.	0.
12	11	T+_D	0.	0.
12	12	T+_D	0.	0.
12	8	T-_D	0.	0.
12	7	T-_D	0.	0.
12	11	T-_D	0.	0.
12	12	T-_D	0.	0.
12	8	W+_K	0.	0.
12	7	W+_K	0.	0.
12	11	W+_K	0.	0.
12	12	W+_K	0.	0.
12	8	W-_K	0.	0.
12	7	W-_K	0.	0.
12	11	W-_K	0.	0.
12	12	W-_K	0.	0.
12	8	W+_D	0.	0.
12	7	W+_D	0.	0.
12	11	W+_D	0.	0.
12	12	W+_D	0.	0.
12	8	W-_D	0.	0.
12	7	W-_D	0.	0.
12	11	W-_D	0.	0.
12	12	W-_D	0.	0.
12	8	SISMA SLV X	0.	0.
12	7	SISMA SLV X	0.	0.
12	11	SISMA SLV X	0.	0.
12	12	SISMA SLV X	0.	0.
12	8	SISMA SLV Y	0.	0.
12	7	SISMA SLV Y	0.	0.
12	11	SISMA SLV Y	0.	0.
12	12	SISMA SLV Y	0.	0.
12	8	SISMA SLD X	0.	0.
12	7	SISMA SLD X	0.	0.
12	11	SISMA SLD X	0.	0.
12	12	SISMA SLD X	0.	0.
12	8	SISMA SLD Y	0.	0.
12	7	SISMA SLD Y	0.	0.
12	11	SISMA SLD Y	0.	0.
12	12	SISMA SLD Y	0.	0.
12	8	SISMA SLO X	0.	0.
12	7	SISMA SLO X	0.	0.
12	11	SISMA SLO X	0.	0.
12	12	SISMA SLO X	0.	0.
12	8	SISMA SLO Y	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
12	7	SISMA SLO Y	0.	0.
12	11	SISMA SLO Y	0.	0.
12	12	SISMA SLO Y	0.	0.
12	8	SLT	0.	0.
12	7	SLT	0.	0.
12	11	SLT	0.	0.
12	12	SLT	0.	0.
12	8	~TorsionSISMA SLV X	0.	0.
12	7	~TorsionSISMA SLV X	0.	0.
12	11	~TorsionSISMA SLV X	0.	0.
12	12	~TorsionSISMA SLV X	0.	0.
12	8	~TorsionSISMA SLV Y	0.	0.
12	7	~TorsionSISMA SLV Y	0.	0.
12	11	~TorsionSISMA SLV Y	0.	0.
12	12	~TorsionSISMA SLV Y	0.	0.
12	8	~TorsionSISMA SLD X	0.	0.
12	7	~TorsionSISMA SLD X	0.	0.
12	11	~TorsionSISMA SLD X	0.	0.
12	12	~TorsionSISMA SLD X	0.	0.
12	8	~TorsionSISMA SLD Y	0.	0.
12	7	~TorsionSISMA SLD Y	0.	0.
12	11	~TorsionSISMA SLD Y	0.	0.
12	12	~TorsionSISMA SLD Y	0.	0.
12	8	~TorsionSISMA SLO X	0.	0.
12	7	~TorsionSISMA SLO X	0.	0.
12	11	~TorsionSISMA SLO X	0.	0.
12	12	~TorsionSISMA SLO X	0.	0.
12	8	~TorsionSISMA SLO Y	0.	0.
12	7	~TorsionSISMA SLO Y	0.	0.
12	11	~TorsionSISMA SLO Y	0.	0.
12	12	~TorsionSISMA SLO Y	0.	0.
13	7	G1_K	0.	0.
13	9	G1_K	0.	0.
13	13	G1_K	0.	0.
13	11	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
13	7	G2_K	0.	0.
13	9	G2_K	0.	0.
13	13	G2_K	0.	0.
13	11	G2_K	0.	0.
13	7	Q_K	0.	0.
13	9	Q_K	0.	0.
13	13	Q_K	0.	0.
13	11	Q_K	0.	0.
13	7	N_K	0.	0.
13	9	N_K	0.	0.
13	13	N_K	0.	0.
13	11	N_K	0.	0.
13	7	T+_K	0.	0.
13	9	T+_K	0.	0.
13	13	T+_K	0.	0.
13	11	T+_K	0.	0.
13	7	T-_K	0.	0.
13	9	T-_K	0.	0.
13	13	T-_K	0.	0.
13	11	T-_K	0.	0.
13	7	G1_D	0.	0.
13	9	G1_D	0.	0.
13	13	G1_D	0.	0.
13	11	G1_D	0.	0.
13	7	G2_D	0.	0.
13	9	G2_D	0.	0.
13	13	G2_D	0.	0.
13	11	G2_D	0.	0.
13	7	Q_D	0.	0.
13	9	Q_D	0.	0.
13	13	Q_D	0.	0.
13	11	Q_D	0.	0.
13	7	N_D	0.	0.
13	9	N_D	0.	0.
13	13	N_D	0.	0.
13	11	N_D	0.	0.
13	7	T+_D	0.	0.
13	9	T+_D	0.	0.
13	13	T+_D	0.	0.
13	11	T+_D	0.	0.
13	7	T-_D	0.	0.
13	9	T-_D	0.	0.
13	13	T-_D	0.	0.
13	11	T-_D	0.	0.
13	7	W+_K	0.	0.
13	9	W+_K	0.	0.
13	13	W+_K	0.	0.
13	11	W+_K	0.	0.
13	7	W-_K	0.	0.
13	9	W-_K	0.	0.
13	13	W-_K	0.	0.
13	11	W-_K	0.	0.
13	7	W+_D	0.	0.
13	9	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
13	13	W+_D	0.	0.
13	11	W+_D	0.	0.
13	7	W-_D	0.	0.
13	9	W-_D	0.	0.
13	13	W-_D	0.	0.
13	11	W-_D	0.	0.
13	7	SISMA SLV X	0.	0.
13	9	SISMA SLV X	0.	0.
13	13	SISMA SLV X	0.	0.
13	11	SISMA SLV X	0.	0.
13	7	SISMA SLV Y	0.	0.
13	9	SISMA SLV Y	0.	0.
13	13	SISMA SLV Y	0.	0.
13	11	SISMA SLV Y	0.	0.
13	7	SISMA SLD X	0.	0.
13	9	SISMA SLD X	0.	0.
13	13	SISMA SLD X	0.	0.
13	11	SISMA SLD X	0.	0.
13	7	SISMA SLD Y	0.	0.
13	9	SISMA SLD Y	0.	0.
13	13	SISMA SLD Y	0.	0.
13	11	SISMA SLD Y	0.	0.
13	7	SISMA SLO X	0.	0.
13	9	SISMA SLO X	0.	0.
13	13	SISMA SLO X	0.	0.
13	11	SISMA SLO X	0.	0.
13	7	SISMA SLO Y	0.	0.
13	9	SISMA SLO Y	0.	0.
13	13	SISMA SLO Y	0.	0.
13	11	SISMA SLO Y	0.	0.
13	7	SLT	0.	0.
13	9	SLT	0.	0.
13	13	SLT	0.	0.
13	11	SLT	0.	0.
13	7	~TorsionSISMA SLV X	0.	0.
13	9	~TorsionSISMA SLV X	0.	0.
13	13	~TorsionSISMA SLV X	0.	0.
13	11	~TorsionSISMA SLV X	0.	0.
13	7	~TorsionSISMA SLV Y	0.	0.
13	9	~TorsionSISMA SLV Y	0.	0.
13	13	~TorsionSISMA SLV Y	0.	0.
13	11	~TorsionSISMA SLV Y	0.	0.
13	7	~TorsionSISMA SLD X	0.	0.
13	9	~TorsionSISMA SLD X	0.	0.
13	13	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
13	11	~TorsionSISMA SLD X	0.	0.
13	7	~TorsionSISMA SLD Y	0.	0.
13	9	~TorsionSISMA SLD Y	0.	0.
13	13	~TorsionSISMA SLD Y	0.	0.
13	11	~TorsionSISMA SLD Y	0.	0.
13	7	~TorsionSISMA SLO X	0.	0.
13	9	~TorsionSISMA SLO X	0.	0.
13	13	~TorsionSISMA SLO X	0.	0.
13	11	~TorsionSISMA SLO X	0.	0.
13	7	~TorsionSISMA SLO Y	0.	0.
13	9	~TorsionSISMA SLO Y	0.	0.
13	13	~TorsionSISMA SLO Y	0.	0.
13	11	~TorsionSISMA SLO Y	0.	0.
14	9	G1_K	0.	0.
14	10	G1_K	0.	0.
14	14	G1_K	0.	0.
14	13	G1_K	0.	0.
14	9	G2_K	0.	0.
14	10	G2_K	0.	0.
14	14	G2_K	0.	0.
14	13	G2_K	0.	0.
14	9	Q_K	0.	0.
14	10	Q_K	0.	0.
14	14	Q_K	0.	0.
14	13	Q_K	0.	0.
14	9	N_K	0.	0.
14	10	N_K	0.	0.
14	14	N_K	0.	0.
14	13	N_K	0.	0.
14	9	T+_K	0.	0.
14	10	T+_K	0.	0.
14	14	T+_K	0.	0.
14	13	T+_K	0.	0.
14	9	T-_K	0.	0.
14	10	T-_K	0.	0.
14	14	T-_K	0.	0.
14	13	T-_K	0.	0.
14	9	G1_D	0.	0.
14	10	G1_D	0.	0.
14	14	G1_D	0.	0.
14	13	G1_D	0.	0.
14	9	G2_D	0.	0.
14	10	G2_D	0.	0.
14	14	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
14	13	G2_D	0.	0.
14	9	Q_D	0.	0.
14	10	Q_D	0.	0.
14	14	Q_D	0.	0.
14	13	Q_D	0.	0.
14	9	N_D	0.	0.
14	10	N_D	0.	0.
14	14	N_D	0.	0.
14	13	N_D	0.	0.
14	9	T+_D	0.	0.
14	10	T+_D	0.	0.
14	14	T+_D	0.	0.
14	13	T+_D	0.	0.
14	9	T-_D	0.	0.
14	10	T-_D	0.	0.
14	14	T-_D	0.	0.
14	13	T-_D	0.	0.
14	9	W+_K	0.	0.
14	10	W+_K	0.	0.
14	14	W+_K	0.	0.
14	13	W+_K	0.	0.
14	9	W-_K	0.	0.
14	10	W-_K	0.	0.
14	14	W-_K	0.	0.
14	13	W-_K	0.	0.
14	9	W+_D	0.	0.
14	10	W+_D	0.	0.
14	14	W+_D	0.	0.
14	13	W+_D	0.	0.
14	9	W-_D	0.	0.
14	10	W-_D	0.	0.
14	14	W-_D	0.	0.
14	13	W-_D	0.	0.
14	9	SISMA SLV X	0.	0.
14	10	SISMA SLV X	0.	0.
14	14	SISMA SLV X	0.	0.
14	13	SISMA SLV X	0.	0.
14	9	SISMA SLV Y	0.	0.
14	10	SISMA SLV Y	0.	0.
14	14	SISMA SLV Y	0.	0.
14	13	SISMA SLV Y	0.	0.
14	9	SISMA SLD X	0.	0.
14	10	SISMA SLD X	0.	0.
14	14	SISMA SLD X	0.	0.
14	13	SISMA SLD X	0.	0.
14	9	SISMA SLD Y	0.	0.
14	10	SISMA SLD Y	0.	0.
14	14	SISMA SLD Y	0.	0.
14	13	SISMA SLD Y	0.	0.
14	9	SISMA SLO X	0.	0.
14	10	SISMA SLO X	0.	0.
14	14	SISMA SLO X	0.	0.
14	13	SISMA SLO X	0.	0.
14	9	SISMA SLO Y	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
14	10	SISMA SLO Y	0.	0.
14	14	SISMA SLO Y	0.	0.
14	13	SISMA SLO Y	0.	0.
14	9	SLT	0.	0.
14	10	SLT	0.	0.
14	14	SLT	0.	0.
14	13	SLT	0.	0.
14	9	~TorsionSISMA SLV X	0.	0.
14	10	~TorsionSISMA SLV X	0.	0.
14	14	~TorsionSISMA SLV X	0.	0.
14	13	~TorsionSISMA SLV X	0.	0.
14	9	~TorsionSISMA SLV Y	0.	0.
14	10	~TorsionSISMA SLV Y	0.	0.
14	14	~TorsionSISMA SLV Y	0.	0.
14	13	~TorsionSISMA SLV Y	0.	0.
14	9	~TorsionSISMA SLD X	0.	0.
14	10	~TorsionSISMA SLD X	0.	0.
14	14	~TorsionSISMA SLD X	0.	0.
14	13	~TorsionSISMA SLD X	0.	0.
14	9	~TorsionSISMA SLD Y	0.	0.
14	10	~TorsionSISMA SLD Y	0.	0.
14	14	~TorsionSISMA SLD Y	0.	0.
14	13	~TorsionSISMA SLD Y	0.	0.
14	9	~TorsionSISMA SLO X	0.	0.
14	10	~TorsionSISMA SLO X	0.	0.
14	14	~TorsionSISMA SLO X	0.	0.
14	13	~TorsionSISMA SLO X	0.	0.
14	9	~TorsionSISMA SLO Y	0.	0.
14	10	~TorsionSISMA SLO Y	0.	0.
14	14	~TorsionSISMA SLO Y	0.	0.
14	13	~TorsionSISMA SLO Y	0.	0.
15	10	G1_K	0.	0.
15	166	G1_K	0.	0.
15	169	G1_K	0.	0.
15	14	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
15	10	G2_K	0.	0.
15	166	G2_K	0.	0.
15	169	G2_K	0.	0.
15	14	G2_K	0.	0.
15	10	Q_K	0.	0.
15	166	Q_K	0.	0.
15	169	Q_K	0.	0.
15	14	Q_K	0.	0.
15	10	N_K	0.	0.
15	166	N_K	0.	0.
15	169	N_K	0.	0.
15	14	N_K	0.	0.
15	10	T+_K	0.	0.
15	166	T+_K	0.	0.
15	169	T+_K	0.	0.
15	14	T+_K	0.	0.
15	10	T-_K	0.	0.
15	166	T-_K	0.	0.
15	169	T-_K	0.	0.
15	14	T-_K	0.	0.
15	10	G1_D	0.	0.
15	166	G1_D	0.	0.
15	169	G1_D	0.	0.
15	14	G1_D	0.	0.
15	10	G2_D	0.	0.
15	166	G2_D	0.	0.
15	169	G2_D	0.	0.
15	14	G2_D	0.	0.
15	10	Q_D	0.	0.
15	166	Q_D	0.	0.
15	169	Q_D	0.	0.
15	14	Q_D	0.	0.
15	10	N_D	0.	0.
15	166	N_D	0.	0.
15	169	N_D	0.	0.
15	14	N_D	0.	0.
15	10	T+_D	0.	0.
15	166	T+_D	0.	0.
15	169	T+_D	0.	0.
15	14	T+_D	0.	0.
15	10	T-_D	0.	0.
15	166	T-_D	0.	0.
15	169	T-_D	0.	0.
15	14	T-_D	0.	0.
15	10	W+_K	0.	0.
15	166	W+_K	0.	0.
15	169	W+_K	0.	0.
15	14	W+_K	0.	0.
15	10	W-_K	0.	0.
15	166	W-_K	0.	0.
15	169	W-_K	0.	0.
15	14	W-_K	0.	0.
15	10	W+_D	0.	0.
15	166	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
15	169	W+_D	0.	0.
15	14	W+_D	0.	0.
15	10	W-_D	0.	0.
15	166	W-_D	0.	0.
15	169	W-_D	0.	0.
15	14	W-_D	0.	0.
15	10	SISMA SLV X	0.	0.
15	166	SISMA SLV X	0.	0.
15	169	SISMA SLV X	0.	0.
15	14	SISMA SLV X	0.	0.
15	10	SISMA SLV Y	0.	0.
15	166	SISMA SLV Y	0.	0.
15	169	SISMA SLV Y	0.	0.
15	14	SISMA SLV Y	0.	0.
15	10	SISMA SLD X	0.	0.
15	166	SISMA SLD X	0.	0.
15	169	SISMA SLD X	0.	0.
15	14	SISMA SLD X	0.	0.
15	10	SISMA SLD Y	0.	0.
15	166	SISMA SLD Y	0.	0.
15	169	SISMA SLD Y	0.	0.
15	14	SISMA SLD Y	0.	0.
15	10	SISMA SLO X	0.	0.
15	166	SISMA SLO X	0.	0.
15	169	SISMA SLO X	0.	0.
15	14	SISMA SLO X	0.	0.
15	10	SISMA SLO Y	0.	0.
15	166	SISMA SLO Y	0.	0.
15	169	SISMA SLO Y	0.	0.
15	14	SISMA SLO Y	0.	0.
15	10	SLT	0.	0.
15	166	SLT	0.	0.
15	169	SLT	0.	0.
15	14	SLT	0.	0.
15	10	~TorsionSISMA SLV X	0.	0.
15	166	~TorsionSISMA SLV X	0.	0.
15	169	~TorsionSISMA SLV X	0.	0.
15	14	~TorsionSISMA SLV X	0.	0.
15	10	~TorsionSISMA SLV Y	0.	0.
15	166	~TorsionSISMA SLV Y	0.	0.
15	169	~TorsionSISMA SLV Y	0.	0.
15	14	~TorsionSISMA SLV Y	0.	0.
15	10	~TorsionSISMA SLD X	0.	0.
15	166	~TorsionSISMA SLD X	0.	0.
15	169	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
15	14	~TorsionSISMA SLD X	0.	0.
15	10	~TorsionSISMA SLD Y	0.	0.
15	166	~TorsionSISMA SLD Y	0.	0.
15	169	~TorsionSISMA SLD Y	0.	0.
15	14	~TorsionSISMA SLD Y	0.	0.
15	10	~TorsionSISMA SLO X	0.	0.
15	166	~TorsionSISMA SLO X	0.	0.
15	169	~TorsionSISMA SLO X	0.	0.
15	14	~TorsionSISMA SLO X	0.	0.
15	10	~TorsionSISMA SLO Y	0.	0.
15	166	~TorsionSISMA SLO Y	0.	0.
15	169	~TorsionSISMA SLO Y	0.	0.
15	14	~TorsionSISMA SLO Y	0.	0.
16	12	G1_K	0.	0.
16	11	G1_K	0.	0.
16	158	G1_K	0.	0.
16	102	G1_K	0.	0.
16	12	G2_K	0.	0.
16	11	G2_K	0.	0.
16	158	G2_K	0.	0.
16	102	G2_K	0.	0.
16	12	Q_K	0.	0.
16	11	Q_K	0.	0.
16	158	Q_K	0.	0.
16	102	Q_K	0.	0.
16	12	N_K	0.	0.
16	11	N_K	0.	0.
16	158	N_K	0.	0.
16	102	N_K	0.	0.
16	12	T+_K	0.	0.
16	11	T+_K	0.	0.
16	158	T+_K	0.	0.
16	102	T+_K	0.	0.
16	12	T-_K	0.	0.
16	11	T-_K	0.	0.
16	158	T-_K	0.	0.
16	102	T-_K	0.	0.
16	12	G1_D	0.	0.
16	11	G1_D	0.	0.
16	158	G1_D	0.	0.
16	102	G1_D	0.	0.
16	12	G2_D	0.	0.
16	11	G2_D	0.	0.
16	158	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
16	102	G2_D	0.	0.
16	12	Q_D	0.	0.
16	11	Q_D	0.	0.
16	158	Q_D	0.	0.
16	102	Q_D	0.	0.
16	12	N_D	0.	0.
16	11	N_D	0.	0.
16	158	N_D	0.	0.
16	102	N_D	0.	0.
16	12	T+_D	0.	0.
16	11	T+_D	0.	0.
16	158	T+_D	0.	0.
16	102	T+_D	0.	0.
16	12	T-_D	0.	0.
16	11	T-_D	0.	0.
16	158	T-_D	0.	0.
16	102	T-_D	0.	0.
16	12	W+_K	0.	0.
16	11	W+_K	0.	0.
16	158	W+_K	0.	0.
16	102	W+_K	0.	0.
16	12	W-_K	0.	0.
16	11	W-_K	0.	0.
16	158	W-_K	0.	0.
16	102	W-_K	0.	0.
16	12	W+_D	0.	0.
16	11	W+_D	0.	0.
16	158	W+_D	0.	0.
16	102	W+_D	0.	0.
16	12	W-_D	0.	0.
16	11	W-_D	0.	0.
16	158	W-_D	0.	0.
16	102	W-_D	0.	0.
16	12	SISMA SLV X	0.	0.
16	11	SISMA SLV X	0.	0.
16	158	SISMA SLV X	0.	0.
16	102	SISMA SLV X	0.	0.
16	12	SISMA SLV Y	0.	0.
16	11	SISMA SLV Y	0.	0.
16	158	SISMA SLV Y	0.	0.
16	102	SISMA SLV Y	0.	0.
16	12	SISMA SLD X	0.	0.
16	11	SISMA SLD X	0.	0.
16	158	SISMA SLD X	0.	0.
16	102	SISMA SLD X	0.	0.
16	12	SISMA SLD Y	0.	0.
16	11	SISMA SLD Y	0.	0.
16	158	SISMA SLD Y	0.	0.
16	102	SISMA SLD Y	0.	0.
16	12	SISMA SLO X	0.	0.
16	11	SISMA SLO X	0.	0.
16	158	SISMA SLO X	0.	0.
16	102	SISMA SLO X	0.	0.
16	12	SISMA SLO Y	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
16	11	SISMA SLO Y	0.	0.
16	158	SISMA SLO Y	0.	0.
16	102	SISMA SLO Y	0.	0.
16	12	SLT	0.	0.
16	11	SLT	0.	0.
16	158	SLT	0.	0.
16	102	SLT	0.	0.
16	12	~TorsionSISMA SLV X	0.	0.
16	11	~TorsionSISMA SLV X	0.	0.
16	158	~TorsionSISMA SLV X	0.	0.
16	102	~TorsionSISMA SLV X	0.	0.
16	12	~TorsionSISMA SLV Y	0.	0.
16	11	~TorsionSISMA SLV Y	0.	0.
16	158	~TorsionSISMA SLV Y	0.	0.
16	102	~TorsionSISMA SLV Y	0.	0.
16	12	~TorsionSISMA SLD X	0.	0.
16	11	~TorsionSISMA SLD X	0.	0.
16	158	~TorsionSISMA SLD X	0.	0.
16	102	~TorsionSISMA SLD X	0.	0.
16	12	~TorsionSISMA SLD Y	0.	0.
16	11	~TorsionSISMA SLD Y	0.	0.
16	158	~TorsionSISMA SLD Y	0.	0.
16	102	~TorsionSISMA SLD Y	0.	0.
16	12	~TorsionSISMA SLO X	0.	0.
16	11	~TorsionSISMA SLO X	0.	0.
16	158	~TorsionSISMA SLO X	0.	0.
16	102	~TorsionSISMA SLO X	0.	0.
16	12	~TorsionSISMA SLO Y	0.	0.
16	11	~TorsionSISMA SLO Y	0.	0.
16	158	~TorsionSISMA SLO Y	0.	0.
16	102	~TorsionSISMA SLO Y	0.	0.
17	11	G1_K	0.	0.
17	13	G1_K	0.	0.
17	155	G1_K	0.	0.
17	158	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
17	11	G2_K	0.	0.
17	13	G2_K	0.	0.
17	155	G2_K	0.	0.
17	158	G2_K	0.	0.
17	11	Q_K	0.	0.
17	13	Q_K	0.	0.
17	155	Q_K	0.	0.
17	158	Q_K	0.	0.
17	11	N_K	0.	0.
17	13	N_K	0.	0.
17	155	N_K	0.	0.
17	158	N_K	0.	0.
17	11	T+_K	0.	0.
17	13	T+_K	0.	0.
17	155	T+_K	0.	0.
17	158	T+_K	0.	0.
17	11	T-_K	0.	0.
17	13	T-_K	0.	0.
17	155	T-_K	0.	0.
17	158	T-_K	0.	0.
17	11	G1_D	0.	0.
17	13	G1_D	0.	0.
17	155	G1_D	0.	0.
17	158	G1_D	0.	0.
17	11	G2_D	0.	0.
17	13	G2_D	0.	0.
17	155	G2_D	0.	0.
17	158	G2_D	0.	0.
17	11	Q_D	0.	0.
17	13	Q_D	0.	0.
17	155	Q_D	0.	0.
17	158	Q_D	0.	0.
17	11	N_D	0.	0.
17	13	N_D	0.	0.
17	155	N_D	0.	0.
17	158	N_D	0.	0.
17	11	T+_D	0.	0.
17	13	T+_D	0.	0.
17	155	T+_D	0.	0.
17	158	T+_D	0.	0.
17	11	T-_D	0.	0.
17	13	T-_D	0.	0.
17	155	T-_D	0.	0.
17	158	T-_D	0.	0.
17	11	W+_K	0.	0.
17	13	W+_K	0.	0.
17	155	W+_K	0.	0.
17	158	W+_K	0.	0.
17	11	W-_K	0.	0.
17	13	W-_K	0.	0.
17	155	W-_K	0.	0.
17	158	W-_K	0.	0.
17	11	W+_D	0.	0.
17	13	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
17	155	W+_D	0.	0.
17	158	W+_D	0.	0.
17	11	W-_D	0.	0.
17	13	W-_D	0.	0.
17	155	W-_D	0.	0.
17	158	W-_D	0.	0.
17	11	SISMA SLV X	0.	0.
17	13	SISMA SLV X	0.	0.
17	155	SISMA SLV X	0.	0.
17	158	SISMA SLV X	0.	0.
17	11	SISMA SLV Y	0.	0.
17	13	SISMA SLV Y	0.	0.
17	155	SISMA SLV Y	0.	0.
17	158	SISMA SLV Y	0.	0.
17	11	SISMA SLD X	0.	0.
17	13	SISMA SLD X	0.	0.
17	155	SISMA SLD X	0.	0.
17	158	SISMA SLD X	0.	0.
17	11	SISMA SLD Y	0.	0.
17	13	SISMA SLD Y	0.	0.
17	155	SISMA SLD Y	0.	0.
17	158	SISMA SLD Y	0.	0.
17	11	SISMA SLO X	0.	0.
17	13	SISMA SLO X	0.	0.
17	155	SISMA SLO X	0.	0.
17	158	SISMA SLO X	0.	0.
17	11	SISMA SLO Y	0.	0.
17	13	SISMA SLO Y	0.	0.
17	155	SISMA SLO Y	0.	0.
17	158	SISMA SLO Y	0.	0.
17	11	SLT	0.	0.
17	13	SLT	0.	0.
17	155	SLT	0.	0.
17	158	SLT	0.	0.
17	11	~TorsionSISMA SLV X	0.	0.
17	13	~TorsionSISMA SLV X	0.	0.
17	155	~TorsionSISMA SLV X	0.	0.
17	158	~TorsionSISMA SLV X	0.	0.
17	11	~TorsionSISMA SLV Y	0.	0.
17	13	~TorsionSISMA SLV Y	0.	0.
17	155	~TorsionSISMA SLV Y	0.	0.
17	158	~TorsionSISMA SLV Y	0.	0.
17	11	~TorsionSISMA SLD X	0.	0.
17	13	~TorsionSISMA SLD X	0.	0.
17	155	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
17	158	~TorsionSISMA SLD X	0.	0.
17	11	~TorsionSISMA SLD Y	0.	0.
17	13	~TorsionSISMA SLD Y	0.	0.
17	155	~TorsionSISMA SLD Y	0.	0.
17	158	~TorsionSISMA SLD Y	0.	0.
17	11	~TorsionSISMA SLO X	0.	0.
17	13	~TorsionSISMA SLO X	0.	0.
17	155	~TorsionSISMA SLO X	0.	0.
17	158	~TorsionSISMA SLO X	0.	0.
17	11	~TorsionSISMA SLO Y	0.	0.
17	13	~TorsionSISMA SLO Y	0.	0.
17	155	~TorsionSISMA SLO Y	0.	0.
17	158	~TorsionSISMA SLO Y	0.	0.
18	13	G1_K	0.	0.
18	14	G1_K	0.	0.
18	150	G1_K	0.	0.
18	155	G1_K	0.	0.
18	13	G2_K	0.	0.
18	14	G2_K	0.	0.
18	150	G2_K	0.	0.
18	155	G2_K	0.	0.
18	13	Q_K	0.	0.
18	14	Q_K	0.	0.
18	150	Q_K	0.	0.
18	155	Q_K	0.	0.
18	13	N_K	0.	0.
18	14	N_K	0.	0.
18	150	N_K	0.	0.
18	155	N_K	0.	0.
18	13	T+_K	0.	0.
18	14	T+_K	0.	0.
18	150	T+_K	0.	0.
18	155	T+_K	0.	0.
18	13	T-_K	0.	0.
18	14	T-_K	0.	0.
18	150	T-_K	0.	0.
18	155	T-_K	0.	0.
18	13	G1_D	0.	0.
18	14	G1_D	0.	0.
18	150	G1_D	0.	0.
18	155	G1_D	0.	0.
18	13	G2_D	0.	0.
18	14	G2_D	0.	0.
18	150	G2_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
18	155	G2_D	0.	0.
18	13	Q_D	0.	0.
18	14	Q_D	0.	0.
18	150	Q_D	0.	0.
18	155	Q_D	0.	0.
18	13	N_D	0.	0.
18	14	N_D	0.	0.
18	150	N_D	0.	0.
18	155	N_D	0.	0.
18	13	T+_D	0.	0.
18	14	T+_D	0.	0.
18	150	T+_D	0.	0.
18	155	T+_D	0.	0.
18	13	T-_D	0.	0.
18	14	T-_D	0.	0.
18	150	T-_D	0.	0.
18	155	T-_D	0.	0.
18	13	W+_K	0.	0.
18	14	W+_K	0.	0.
18	150	W+_K	0.	0.
18	155	W+_K	0.	0.
18	13	W-_K	0.	0.
18	14	W-_K	0.	0.
18	150	W-_K	0.	0.
18	155	W-_K	0.	0.
18	13	W+_D	0.	0.
18	14	W+_D	0.	0.
18	150	W+_D	0.	0.
18	155	W+_D	0.	0.
18	13	W-_D	0.	0.
18	14	W-_D	0.	0.
18	150	W-_D	0.	0.
18	155	W-_D	0.	0.
18	13	SISMA SLV X	0.	0.
18	14	SISMA SLV X	0.	0.
18	150	SISMA SLV X	0.	0.
18	155	SISMA SLV X	0.	0.
18	13	SISMA SLV Y	0.	0.
18	14	SISMA SLV Y	0.	0.
18	150	SISMA SLV Y	0.	0.
18	155	SISMA SLV Y	0.	0.
18	13	SISMA SLD X	0.	0.
18	14	SISMA SLD X	0.	0.
18	150	SISMA SLD X	0.	0.
18	155	SISMA SLD X	0.	0.
18	13	SISMA SLD Y	0.	0.
18	14	SISMA SLD Y	0.	0.
18	150	SISMA SLD Y	0.	0.
18	155	SISMA SLD Y	0.	0.
18	13	SISMA SLO X	0.	0.
18	14	SISMA SLO X	0.	0.
18	150	SISMA SLO X	0.	0.
18	155	SISMA SLO X	0.	0.
18	13	SISMA SLO Y	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
18	14	SISMA SLO Y	0.	0.
18	150	SISMA SLO Y	0.	0.
18	155	SISMA SLO Y	0.	0.
18	13	SLT	0.	0.
18	14	SLT	0.	0.
18	150	SLT	0.	0.
18	155	SLT	0.	0.
18	13	~TorsionSISMA SLV X	0.	0.
18	14	~TorsionSISMA SLV X	0.	0.
18	150	~TorsionSISMA SLV X	0.	0.
18	155	~TorsionSISMA SLV X	0.	0.
18	13	~TorsionSISMA SLV Y	0.	0.
18	14	~TorsionSISMA SLV Y	0.	0.
18	150	~TorsionSISMA SLV Y	0.	0.
18	155	~TorsionSISMA SLV Y	0.	0.
18	13	~TorsionSISMA SLD X	0.	0.
18	14	~TorsionSISMA SLD X	0.	0.
18	150	~TorsionSISMA SLD X	0.	0.
18	155	~TorsionSISMA SLD X	0.	0.
18	13	~TorsionSISMA SLD Y	0.	0.
18	14	~TorsionSISMA SLD Y	0.	0.
18	150	~TorsionSISMA SLD Y	0.	0.
18	155	~TorsionSISMA SLD Y	0.	0.
18	13	~TorsionSISMA SLO X	0.	0.
18	14	~TorsionSISMA SLO X	0.	0.
18	150	~TorsionSISMA SLO X	0.	0.
18	155	~TorsionSISMA SLO X	0.	0.
18	13	~TorsionSISMA SLO Y	0.	0.
18	14	~TorsionSISMA SLO Y	0.	0.
18	150	~TorsionSISMA SLO Y	0.	0.
18	155	~TorsionSISMA SLO Y	0.	0.
19	14	G1_K	0.	0.
19	169	G1_K	0.	0.
19	99	G1_K	0.	0.
19	150	G1_K	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
19	14	G2_K	0.	0.
19	169	G2_K	0.	0.
19	99	G2_K	0.	0.
19	150	G2_K	0.	0.
19	14	Q_K	0.	0.
19	169	Q_K	0.	0.
19	99	Q_K	0.	0.
19	150	Q_K	0.	0.
19	14	N_K	0.	0.
19	169	N_K	0.	0.
19	99	N_K	0.	0.
19	150	N_K	0.	0.
19	14	T+_K	0.	0.
19	169	T+_K	0.	0.
19	99	T+_K	0.	0.
19	150	T+_K	0.	0.
19	14	T-_K	0.	0.
19	169	T-_K	0.	0.
19	99	T-_K	0.	0.
19	150	T-_K	0.	0.
19	14	G1_D	0.	0.
19	169	G1_D	0.	0.
19	99	G1_D	0.	0.
19	150	G1_D	0.	0.
19	14	G2_D	0.	0.
19	169	G2_D	0.	0.
19	99	G2_D	0.	0.
19	150	G2_D	0.	0.
19	14	Q_D	0.	0.
19	169	Q_D	0.	0.
19	99	Q_D	0.	0.
19	150	Q_D	0.	0.
19	14	N_D	0.	0.
19	169	N_D	0.	0.
19	99	N_D	0.	0.
19	150	N_D	0.	0.
19	14	T+_D	0.	0.
19	169	T+_D	0.	0.
19	99	T+_D	0.	0.
19	150	T+_D	0.	0.
19	14	T-_D	0.	0.
19	169	T-_D	0.	0.
19	99	T-_D	0.	0.
19	150	T-_D	0.	0.
19	14	W+_K	0.	0.
19	169	W+_K	0.	0.
19	99	W+_K	0.	0.
19	150	W+_K	0.	0.
19	14	W-_K	0.	0.
19	169	W-_K	0.	0.
19	99	W-_K	0.	0.
19	150	W-_K	0.	0.
19	14	W+_D	0.	0.
19	169	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
19	99	W+_D	0.	0.
19	150	W+_D	0.	0.
19	14	W-_D	0.	0.
19	169	W-_D	0.	0.
19	99	W-_D	0.	0.
19	150	W-_D	0.	0.
19	14	SISMA SLV X	0.	0.
19	169	SISMA SLV X	0.	0.
19	99	SISMA SLV X	0.	0.
19	150	SISMA SLV X	0.	0.
19	14	SISMA SLV Y	0.	0.
19	169	SISMA SLV Y	0.	0.
19	99	SISMA SLV Y	0.	0.
19	150	SISMA SLV Y	0.	0.
19	14	SISMA SLD X	0.	0.
19	169	SISMA SLD X	0.	0.
19	99	SISMA SLD X	0.	0.
19	150	SISMA SLD X	0.	0.
19	14	SISMA SLD Y	0.	0.
19	169	SISMA SLD Y	0.	0.
19	99	SISMA SLD Y	0.	0.
19	150	SISMA SLD Y	0.	0.
19	14	SISMA SLO X	0.	0.
19	169	SISMA SLO X	0.	0.
19	99	SISMA SLO X	0.	0.
19	150	SISMA SLO X	0.	0.
19	14	SISMA SLO Y	0.	0.
19	169	SISMA SLO Y	0.	0.
19	99	SISMA SLO Y	0.	0.
19	150	SISMA SLO Y	0.	0.
19	14	SLT	0.	0.
19	169	SLT	0.	0.
19	99	SLT	0.	0.
19	150	SLT	0.	0.
19	14	~TorsionSISMA SLV X	0.	0.
19	169	~TorsionSISMA SLV X	0.	0.
19	99	~TorsionSISMA SLV X	0.	0.
19	150	~TorsionSISMA SLV X	0.	0.
19	14	~TorsionSISMA SLV Y	0.	0.
19	169	~TorsionSISMA SLV Y	0.	0.
19	99	~TorsionSISMA SLV Y	0.	0.
19	150	~TorsionSISMA SLV Y	0.	0.
19	14	~TorsionSISMA SLD X	0.	0.
19	169	~TorsionSISMA SLD X	0.	0.
19	99	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
19	150	~TorsionSISMA SLD X	0.	0.
19	14	~TorsionSISMA SLD Y	0.	0.
19	169	~TorsionSISMA SLD Y	0.	0.
19	99	~TorsionSISMA SLD Y	0.	0.
19	150	~TorsionSISMA SLD Y	0.	0.
19	14	~TorsionSISMA SLO X	0.	0.
19	169	~TorsionSISMA SLO X	0.	0.
19	99	~TorsionSISMA SLO X	0.	0.
19	150	~TorsionSISMA SLO X	0.	0.
19	14	~TorsionSISMA SLO Y	0.	0.
19	169	~TorsionSISMA SLO Y	0.	0.
19	99	~TorsionSISMA SLO Y	0.	0.
19	150	~TorsionSISMA SLO Y	0.	0.
20	15	G1_K	0.66	1.97
20	2	G1_K	0.66	1.97
20	139	G1_K	0.66	1.97
20	106	G1_K	0.66	1.97
20	15	G2_K	9.791E-02	-0.21
20	2	G2_K	9.791E-02	-0.21
20	139	G2_K	9.791E-02	-0.21
20	106	G2_K	9.791E-02	-0.21
20	15	Q_K	0.43	1.28
20	2	Q_K	0.43	1.28
20	139	Q_K	0.43	1.28
20	106	Q_K	0.43	1.28
20	15	N_K	5.133E-02	0.15
20	2	N_K	5.133E-02	0.15
20	139	N_K	5.133E-02	0.15
20	106	N_K	5.133E-02	0.15
20	15	T+_K	0.	0.
20	2	T+_K	0.	0.
20	139	T+_K	0.	0.
20	106	T+_K	0.	0.
20	15	T-_K	0.	0.
20	2	T-_K	0.	0.
20	139	T-_K	0.	0.
20	106	T-_K	0.	0.
20	15	G1_D	0.86	2.56
20	2	G1_D	0.86	2.56
20	139	G1_D	0.86	2.56
20	106	G1_D	0.86	2.56
20	15	G2_D	0.13	-0.28
20	2	G2_D	0.13	-0.28
20	139	G2_D	0.13	-0.28

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
20	106	G2_D	0.13	-0.28
20	15	Q_D	0.64	1.91
20	2	Q_D	0.64	1.91
20	139	Q_D	0.64	1.91
20	106	Q_D	0.64	1.91
20	15	N_D	7.699E-02	0.23
20	2	N_D	7.699E-02	0.23
20	139	N_D	7.699E-02	0.23
20	106	N_D	7.699E-02	0.23
20	15	T+_D	0.	0.
20	2	T+_D	0.	0.
20	139	T+_D	0.	0.
20	106	T+_D	0.	0.
20	15	T-_D	0.	0.
20	2	T-_D	0.	0.
20	139	T-_D	0.	0.
20	106	T-_D	0.	0.
20	15	W+_K	0.	0.
20	2	W+_K	0.	0.
20	139	W+_K	0.	0.
20	106	W+_K	0.	0.
20	15	W-_K	0.	0.
20	2	W-_K	0.	0.
20	139	W-_K	0.	0.
20	106	W-_K	0.	0.
20	15	W+_D	0.	0.
20	2	W+_D	0.	0.
20	139	W+_D	0.	0.
20	106	W+_D	0.	0.
20	15	W-_D	0.	0.
20	2	W-_D	0.	0.
20	139	W-_D	0.	0.
20	106	W-_D	0.	0.
20	15	SISMA SLV X	0.3	0.27
20	2	SISMA SLV X	0.3	0.27
20	139	SISMA SLV X	0.3	0.27
20	106	SISMA SLV X	0.3	0.27
20	15	SISMA SLV Y	0.18	0.15
20	2	SISMA SLV Y	0.18	0.15
20	139	SISMA SLV Y	0.18	0.15
20	106	SISMA SLV Y	0.18	0.15
20	15	SISMA SLD X	0.15	0.13
20	2	SISMA SLD X	0.15	0.13
20	139	SISMA SLD X	0.15	0.13
20	106	SISMA SLD X	0.15	0.13
20	15	SISMA SLD Y	8.603E-02	7.199E-02
20	2	SISMA SLD Y	8.603E-02	7.199E-02
20	139	SISMA SLD Y	8.603E-02	7.199E-02
20	106	SISMA SLD Y	8.603E-02	7.199E-02
20	15	SISMA SLO X	0.12	0.11
20	2	SISMA SLO X	0.12	0.11
20	139	SISMA SLO X	0.12	0.11
20	106	SISMA SLO X	0.12	0.11
20	15	SISMA SLO Y	7.127E-02	5.960E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
20	2	SISMA SLO Y	7.127E-02	5.960E-02
20	139	SISMA SLO Y	7.127E-02	5.960E-02
20	106	SISMA SLO Y	7.127E-02	5.960E-02
20	15	SLT	0.	0.
20	2	SLT	0.	0.
20	139	SLT	0.	0.
20	106	SLT	0.	0.
20	15	~TorsionSISMA SLV X	0.	0.
20	2	~TorsionSISMA SLV X	0.	0.
20	139	~TorsionSISMA SLV X	0.	0.
20	106	~TorsionSISMA SLV X	0.	0.
20	15	~TorsionSISMA SLV Y	0.	0.
20	2	~TorsionSISMA SLV Y	0.	0.
20	139	~TorsionSISMA SLV Y	0.	0.
20	106	~TorsionSISMA SLV Y	0.	0.
20	15	~TorsionSISMA SLD X	0.	0.
20	2	~TorsionSISMA SLD X	0.	0.
20	139	~TorsionSISMA SLD X	0.	0.
20	106	~TorsionSISMA SLD X	0.	0.
20	15	~TorsionSISMA SLD Y	0.	0.
20	2	~TorsionSISMA SLD Y	0.	0.
20	139	~TorsionSISMA SLD Y	0.	0.
20	106	~TorsionSISMA SLD Y	0.	0.
20	15	~TorsionSISMA SLO X	0.	0.
20	2	~TorsionSISMA SLO X	0.	0.
20	139	~TorsionSISMA SLO X	0.	0.
20	106	~TorsionSISMA SLO X	0.	0.
20	15	~TorsionSISMA SLO Y	0.	0.
20	2	~TorsionSISMA SLO Y	0.	0.
20	139	~TorsionSISMA SLO Y	0.	0.
20	106	~TorsionSISMA SLO Y	0.	0.
21	137	G1_K	0.24	0.88
21	142	G1_K	0.24	0.88
21	16	G1_K	0.24	0.88
21	2	G1_K	0.24	0.88

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
21	137	G2_K	2.795E-02	-6.146E-02
21	142	G2_K	2.795E-02	-6.146E-02
21	16	G2_K	2.795E-02	-6.146E-02
21	2	G2_K	2.795E-02	-6.146E-02
21	137	Q_K	0.16	0.56
21	142	Q_K	0.16	0.56
21	16	Q_K	0.16	0.56
21	2	Q_K	0.16	0.56
21	137	N_K	1.926E-02	6.768E-02
21	142	N_K	1.926E-02	6.768E-02
21	16	N_K	1.926E-02	6.768E-02
21	2	N_K	1.926E-02	6.768E-02
21	137	T+_K	0.	0.
21	142	T+_K	0.	0.
21	16	T+_K	0.	0.
21	2	T+_K	0.	0.
21	137	T-_K	0.	0.
21	142	T-_K	0.	0.
21	16	T-_K	0.	0.
21	2	T-_K	0.	0.
21	137	G1_D	0.32	1.15
21	142	G1_D	0.32	1.15
21	16	G1_D	0.32	1.15
21	2	G1_D	0.32	1.15
21	137	G2_D	3.634E-02	-7.990E-02
21	142	G2_D	3.634E-02	-7.990E-02
21	16	G2_D	3.634E-02	-7.990E-02
21	2	G2_D	3.634E-02	-7.990E-02
21	137	Q_D	0.24	0.85
21	142	Q_D	0.24	0.85
21	16	Q_D	0.24	0.85
21	2	Q_D	0.24	0.85
21	137	N_D	2.888E-02	0.1
21	142	N_D	2.888E-02	0.1
21	16	N_D	2.888E-02	0.1
21	2	N_D	2.888E-02	0.1
21	137	T+_D	0.	0.
21	142	T+_D	0.	0.
21	16	T+_D	0.	0.
21	2	T+_D	0.	0.
21	137	T-_D	0.	0.
21	142	T-_D	0.	0.
21	16	T-_D	0.	0.
21	2	T-_D	0.	0.
21	137	W+_K	0.	0.
21	142	W+_K	0.	0.
21	16	W+_K	0.	0.
21	2	W+_K	0.	0.
21	137	W-_K	0.	0.
21	142	W-_K	0.	0.
21	16	W-_K	0.	0.
21	2	W-_K	0.	0.
21	137	W+_D	0.	0.
21	142	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
21	16	W+_D	0.	0.
21	2	W+_D	0.	0.
21	137	W-_D	0.	0.
21	142	W-_D	0.	0.
21	16	W-_D	0.	0.
21	2	W-_D	0.	0.
21	137	SISMA SLV X	0.15	0.16
21	142	SISMA SLV X	0.15	0.16
21	16	SISMA SLV X	0.15	0.16
21	2	SISMA SLV X	0.15	0.16
21	137	SISMA SLV Y	0.13	0.34
21	142	SISMA SLV Y	0.13	0.34
21	16	SISMA SLV Y	0.13	0.34
21	2	SISMA SLV Y	0.13	0.34
21	137	SISMA SLD X	7.535E-02	7.937E-02
21	142	SISMA SLD X	7.535E-02	7.937E-02
21	16	SISMA SLD X	7.535E-02	7.937E-02
21	2	SISMA SLD X	7.535E-02	7.937E-02
21	137	SISMA SLD Y	6.343E-02	0.17
21	142	SISMA SLD Y	6.343E-02	0.17
21	16	SISMA SLD Y	6.343E-02	0.17
21	2	SISMA SLD Y	6.343E-02	0.17
21	137	SISMA SLO X	6.241E-02	6.569E-02
21	142	SISMA SLO X	6.241E-02	6.569E-02
21	16	SISMA SLO X	6.241E-02	6.569E-02
21	2	SISMA SLO X	6.241E-02	6.569E-02
21	137	SISMA SLO Y	5.249E-02	0.14
21	142	SISMA SLO Y	5.249E-02	0.14
21	16	SISMA SLO Y	5.249E-02	0.14
21	2	SISMA SLO Y	5.249E-02	0.14
21	137	SLT	0.	0.
21	142	SLT	0.	0.
21	16	SLT	0.	0.
21	2	SLT	0.	0.
21	137	~TorsionSISMA SLV X	0.	0.
21	142	~TorsionSISMA SLV X	0.	0.
21	16	~TorsionSISMA SLV X	0.	0.
21	2	~TorsionSISMA SLV X	0.	0.
21	137	~TorsionSISMA SLV Y	0.	0.
21	142	~TorsionSISMA SLV Y	0.	0.
21	16	~TorsionSISMA SLV Y	0.	0.
21	2	~TorsionSISMA SLV Y	0.	0.
21	137	~TorsionSISMA SLD X	0.	0.
21	142	~TorsionSISMA SLD X	0.	0.
21	16	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
21	2	~TorsionSISMA SLD X	0.	0.
21	137	~TorsionSISMA SLD Y	0.	0.
21	142	~TorsionSISMA SLD Y	0.	0.
21	16	~TorsionSISMA SLD Y	0.	0.
21	2	~TorsionSISMA SLD Y	0.	0.
21	137	~TorsionSISMA SLO X	0.	0.
21	142	~TorsionSISMA SLO X	0.	0.
21	16	~TorsionSISMA SLO X	0.	0.
21	2	~TorsionSISMA SLO X	0.	0.
21	137	~TorsionSISMA SLO Y	0.	0.
21	142	~TorsionSISMA SLO Y	0.	0.
21	16	~TorsionSISMA SLO Y	0.	0.
21	2	~TorsionSISMA SLO Y	0.	0.
22	2	G1_K	5.665E-02	1.04
22	16	G1_K	5.665E-02	1.04
22	143	G1_K	5.665E-02	1.04
22	139	G1_K	5.665E-02	1.04
22	2	G2_K	9.919E-02	-7.565E-02
22	16	G2_K	9.919E-02	-7.565E-02
22	143	G2_K	9.919E-02	-7.565E-02
22	139	G2_K	9.919E-02	-7.565E-02
22	2	Q_K	3.614E-02	0.67
22	16	Q_K	3.614E-02	0.67
22	143	Q_K	3.614E-02	0.67
22	139	Q_K	3.614E-02	0.67
22	2	N_K	4.336E-03	8.024E-02
22	16	N_K	4.336E-03	8.024E-02
22	143	N_K	4.336E-03	8.024E-02
22	139	N_K	4.336E-03	8.024E-02
22	2	T+_K	0.	0.
22	16	T+_K	0.	0.
22	143	T+_K	0.	0.
22	139	T+_K	0.	0.
22	2	T-_K	0.	0.
22	16	T-_K	0.	0.
22	143	T-_K	0.	0.
22	139	T-_K	0.	0.
22	2	G1_D	7.364E-02	1.35
22	16	G1_D	7.364E-02	1.35
22	143	G1_D	7.364E-02	1.35
22	139	G1_D	7.364E-02	1.35
22	2	G2_D	0.13	-9.835E-02
22	16	G2_D	0.13	-9.835E-02
22	143	G2_D	0.13	-9.835E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
22	139	G2_D	0.13	-9.835E-02
22	2	Q_D	5.421E-02	1.
22	16	Q_D	5.421E-02	1.
22	143	Q_D	5.421E-02	1.
22	139	Q_D	5.421E-02	1.
22	2	N_D	6.505E-03	0.12
22	16	N_D	6.505E-03	0.12
22	143	N_D	6.505E-03	0.12
22	139	N_D	6.505E-03	0.12
22	2	T+_D	0.	0.
22	16	T+_D	0.	0.
22	143	T+_D	0.	0.
22	139	T+_D	0.	0.
22	2	T-_D	0.	0.
22	16	T-_D	0.	0.
22	143	T-_D	0.	0.
22	139	T-_D	0.	0.
22	2	W+_K	0.	0.
22	16	W+_K	0.	0.
22	143	W+_K	0.	0.
22	139	W+_K	0.	0.
22	2	W-_K	0.	0.
22	16	W-_K	0.	0.
22	143	W-_K	0.	0.
22	139	W-_K	0.	0.
22	2	W+_D	0.	0.
22	16	W+_D	0.	0.
22	143	W+_D	0.	0.
22	139	W+_D	0.	0.
22	2	W-_D	0.	0.
22	16	W-_D	0.	0.
22	143	W-_D	0.	0.
22	139	W-_D	0.	0.
22	2	SISMA SLV X	9.141E-02	0.37
22	16	SISMA SLV X	9.141E-02	0.37
22	143	SISMA SLV X	9.141E-02	0.37
22	139	SISMA SLV X	9.141E-02	0.37
22	2	SISMA SLV Y	0.12	0.83
22	16	SISMA SLV Y	0.12	0.83
22	143	SISMA SLV Y	0.12	0.83
22	139	SISMA SLV Y	0.12	0.83
22	2	SISMA SLD X	4.465E-02	0.18
22	16	SISMA SLD X	4.465E-02	0.18
22	143	SISMA SLD X	4.465E-02	0.18
22	139	SISMA SLD X	4.465E-02	0.18
22	2	SISMA SLD Y	5.714E-02	0.41
22	16	SISMA SLD Y	5.714E-02	0.41
22	143	SISMA SLD Y	5.714E-02	0.41
22	139	SISMA SLD Y	5.714E-02	0.41
22	2	SISMA SLO X	3.698E-02	0.15
22	16	SISMA SLO X	3.698E-02	0.15
22	143	SISMA SLO X	3.698E-02	0.15
22	139	SISMA SLO X	3.698E-02	0.15
22	2	SISMA SLO Y	4.731E-02	0.34

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
22	16	SISMA SLO Y	4.731E-02	0.34
22	143	SISMA SLO Y	4.731E-02	0.34
22	139	SISMA SLO Y	4.731E-02	0.34
22	2	SLT	0.	0.
22	16	SLT	0.	0.
22	143	SLT	0.	0.
22	139	SLT	0.	0.
22	2	~TorsionSISMA SLV X	0.	0.
22	16	~TorsionSISMA SLV X	0.	0.
22	143	~TorsionSISMA SLV X	0.	0.
22	139	~TorsionSISMA SLV X	0.	0.
22	2	~TorsionSISMA SLV Y	0.	0.
22	16	~TorsionSISMA SLV Y	0.	0.
22	143	~TorsionSISMA SLV Y	0.	0.
22	139	~TorsionSISMA SLV Y	0.	0.
22	2	~TorsionSISMA SLD X	0.	0.
22	16	~TorsionSISMA SLD X	0.	0.
22	143	~TorsionSISMA SLD X	0.	0.
22	139	~TorsionSISMA SLD X	0.	0.
22	2	~TorsionSISMA SLD Y	0.	0.
22	16	~TorsionSISMA SLD Y	0.	0.
22	143	~TorsionSISMA SLD Y	0.	0.
22	139	~TorsionSISMA SLD Y	0.	0.
22	2	~TorsionSISMA SLO X	0.	0.
22	16	~TorsionSISMA SLO X	0.	0.
22	143	~TorsionSISMA SLO X	0.	0.
22	139	~TorsionSISMA SLO X	0.	0.
22	2	~TorsionSISMA SLO Y	0.	0.
22	16	~TorsionSISMA SLO Y	0.	0.
22	143	~TorsionSISMA SLO Y	0.	0.
22	139	~TorsionSISMA SLO Y	0.	0.
23	142	G1_K	8.863E-02	0.86
23	145	G1_K	8.863E-02	0.86
23	111	G1_K	8.863E-02	0.86
23	16	G1_K	8.863E-02	0.86

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
23	142	G2_K	8.405E-02	-3.796E-02
23	145	G2_K	8.405E-02	-3.796E-02
23	111	G2_K	8.405E-02	-3.796E-02
23	16	G2_K	8.405E-02	-3.796E-02
23	142	Q_K	5.631E-02	0.54
23	145	Q_K	5.631E-02	0.54
23	111	Q_K	5.631E-02	0.54
23	16	Q_K	5.631E-02	0.54
23	142	N_K	6.757E-03	6.484E-02
23	145	N_K	6.757E-03	6.484E-02
23	111	N_K	6.757E-03	6.484E-02
23	16	N_K	6.757E-03	6.484E-02
23	142	T+_K	0.	0.
23	145	T+_K	0.	0.
23	111	T+_K	0.	0.
23	16	T+_K	0.	0.
23	142	T-_K	0.	0.
23	145	T-_K	0.	0.
23	111	T-_K	0.	0.
23	16	T-_K	0.	0.
23	142	G1_D	0.12	1.11
23	145	G1_D	0.12	1.11
23	111	G1_D	0.12	1.11
23	16	G1_D	0.12	1.11
23	142	G2_D	0.11	-4.934E-02
23	145	G2_D	0.11	-4.934E-02
23	111	G2_D	0.11	-4.934E-02
23	16	G2_D	0.11	-4.934E-02
23	142	Q_D	8.446E-02	0.81
23	145	Q_D	8.446E-02	0.81
23	111	Q_D	8.446E-02	0.81
23	16	Q_D	8.446E-02	0.81
23	142	N_D	1.013E-02	9.726E-02
23	145	N_D	1.013E-02	9.726E-02
23	111	N_D	1.013E-02	9.726E-02
23	16	N_D	1.013E-02	9.726E-02
23	142	T+_D	0.	0.
23	145	T+_D	0.	0.
23	111	T+_D	0.	0.
23	16	T+_D	0.	0.
23	142	T-_D	0.	0.
23	145	T-_D	0.	0.
23	111	T-_D	0.	0.
23	16	T-_D	0.	0.
23	142	W+_K	0.	0.
23	145	W+_K	0.	0.
23	111	W+_K	0.	0.
23	16	W+_K	0.	0.
23	142	W-_K	0.	0.
23	145	W-_K	0.	0.
23	111	W-_K	0.	0.
23	16	W-_K	0.	0.
23	142	W+_D	0.	0.
23	145	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
23	111	W+_D	0.	0.
23	16	W+_D	0.	0.
23	142	W-_D	0.	0.
23	145	W-_D	0.	0.
23	111	W-_D	0.	0.
23	16	W-_D	0.	0.
23	142	SISMA SLV X	6.031E-02	0.31
23	145	SISMA SLV X	6.031E-02	0.31
23	111	SISMA SLV X	6.031E-02	0.31
23	16	SISMA SLV X	6.031E-02	0.31
23	142	SISMA SLV Y	0.11	0.68
23	145	SISMA SLV Y	0.11	0.68
23	111	SISMA SLV Y	0.11	0.68
23	16	SISMA SLV Y	0.11	0.68
23	142	SISMA SLD X	2.945E-02	0.15
23	145	SISMA SLD X	2.945E-02	0.15
23	111	SISMA SLD X	2.945E-02	0.15
23	16	SISMA SLD X	2.945E-02	0.15
23	142	SISMA SLD Y	5.250E-02	0.33
23	145	SISMA SLD Y	5.250E-02	0.33
23	111	SISMA SLD Y	5.250E-02	0.33
23	16	SISMA SLD Y	5.250E-02	0.33
23	142	SISMA SLO X	2.438E-02	0.13
23	145	SISMA SLO X	2.438E-02	0.13
23	111	SISMA SLO X	2.438E-02	0.13
23	16	SISMA SLO X	2.438E-02	0.13
23	142	SISMA SLO Y	4.346E-02	0.27
23	145	SISMA SLO Y	4.346E-02	0.27
23	111	SISMA SLO Y	4.346E-02	0.27
23	16	SISMA SLO Y	4.346E-02	0.27
23	142	SLT	0.	0.
23	145	SLT	0.	0.
23	111	SLT	0.	0.
23	16	SLT	0.	0.
23	142	~TorsionSISMA SLV X	0.	0.
23	145	~TorsionSISMA SLV X	0.	0.
23	111	~TorsionSISMA SLV X	0.	0.
23	16	~TorsionSISMA SLV X	0.	0.
23	142	~TorsionSISMA SLV Y	0.	0.
23	145	~TorsionSISMA SLV Y	0.	0.
23	111	~TorsionSISMA SLV Y	0.	0.
23	16	~TorsionSISMA SLV Y	0.	0.
23	142	~TorsionSISMA SLD X	0.	0.
23	145	~TorsionSISMA SLD X	0.	0.
23	111	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
23	16	~TorsionSISMA SLD X	0.	0.
23	142	~TorsionSISMA SLD Y	0.	0.
23	145	~TorsionSISMA SLD Y	0.	0.
23	111	~TorsionSISMA SLD Y	0.	0.
23	16	~TorsionSISMA SLD Y	0.	0.
23	142	~TorsionSISMA SLO X	0.	0.
23	145	~TorsionSISMA SLO X	0.	0.
23	111	~TorsionSISMA SLO X	0.	0.
23	16	~TorsionSISMA SLO X	0.	0.
23	142	~TorsionSISMA SLO Y	0.	0.
23	145	~TorsionSISMA SLO Y	0.	0.
23	111	~TorsionSISMA SLO Y	0.	0.
23	16	~TorsionSISMA SLO Y	0.	0.
24	16	G1_K	-3.706E-02	0.69
24	111	G1_K	-3.706E-02	0.69
24	108	G1_K	-3.706E-02	0.69
24	143	G1_K	-3.706E-02	0.69
24	16	G2_K	-5.297E-02	2.819E-02
24	111	G2_K	-5.297E-02	2.819E-02
24	108	G2_K	-5.297E-02	2.819E-02
24	143	G2_K	-5.297E-02	2.819E-02
24	16	Q_K	-2.480E-02	0.44
24	111	Q_K	-2.480E-02	0.44
24	108	Q_K	-2.480E-02	0.44
24	143	Q_K	-2.480E-02	0.44
24	16	N_K	-2.976E-03	5.264E-02
24	111	N_K	-2.976E-03	5.264E-02
24	108	N_K	-2.976E-03	5.264E-02
24	143	N_K	-2.976E-03	5.264E-02
24	16	T+_K	0.	0.
24	111	T+_K	0.	0.
24	108	T+_K	0.	0.
24	143	T+_K	0.	0.
24	16	T-_K	0.	0.
24	111	T-_K	0.	0.
24	108	T-_K	0.	0.
24	143	T-_K	0.	0.
24	16	G1_D	-4.818E-02	0.9
24	111	G1_D	-4.818E-02	0.9
24	108	G1_D	-4.818E-02	0.9
24	143	G1_D	-4.818E-02	0.9
24	16	G2_D	-6.887E-02	3.665E-02
24	111	G2_D	-6.887E-02	3.665E-02
24	108	G2_D	-6.887E-02	3.665E-02

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
24	143	G2_D	-6.887E-02	3.665E-02
24	16	Q_D	-3.721E-02	0.66
24	111	Q_D	-3.721E-02	0.66
24	108	Q_D	-3.721E-02	0.66
24	143	Q_D	-3.721E-02	0.66
24	16	N_D	-4.465E-03	7.896E-02
24	111	N_D	-4.465E-03	7.896E-02
24	108	N_D	-4.465E-03	7.896E-02
24	143	N_D	-4.465E-03	7.896E-02
24	16	T+_D	0.	0.
24	111	T+_D	0.	0.
24	108	T+_D	0.	0.
24	143	T+_D	0.	0.
24	16	T-_D	0.	0.
24	111	T-_D	0.	0.
24	108	T-_D	0.	0.
24	143	T-_D	0.	0.
24	16	W+_K	0.	0.
24	111	W+_K	0.	0.
24	108	W+_K	0.	0.
24	143	W+_K	0.	0.
24	16	W-_K	0.	0.
24	111	W-_K	0.	0.
24	108	W-_K	0.	0.
24	143	W-_K	0.	0.
24	16	W+_D	0.	0.
24	111	W+_D	0.	0.
24	108	W+_D	0.	0.
24	143	W+_D	0.	0.
24	16	W-_D	0.	0.
24	111	W-_D	0.	0.
24	108	W-_D	0.	0.
24	143	W-_D	0.	0.
24	16	SISMA SLV X	4.642E-02	0.47
24	111	SISMA SLV X	4.642E-02	0.47
24	108	SISMA SLV X	4.642E-02	0.47
24	143	SISMA SLV X	4.642E-02	0.47
24	16	SISMA SLV Y	0.1	1.03
24	111	SISMA SLV Y	0.1	1.03
24	108	SISMA SLV Y	0.1	1.03
24	143	SISMA SLV Y	0.1	1.03
24	16	SISMA SLD X	2.267E-02	0.23
24	111	SISMA SLD X	2.267E-02	0.23
24	108	SISMA SLD X	2.267E-02	0.23
24	143	SISMA SLD X	2.267E-02	0.23
24	16	SISMA SLD Y	4.965E-02	0.5
24	111	SISMA SLD Y	4.965E-02	0.5
24	108	SISMA SLD Y	4.965E-02	0.5
24	143	SISMA SLD Y	4.965E-02	0.5
24	16	SISMA SLO X	1.878E-02	0.19
24	111	SISMA SLO X	1.878E-02	0.19
24	108	SISMA SLO X	1.878E-02	0.19
24	143	SISMA SLO X	1.878E-02	0.19
24	16	SISMA SLO Y	4.112E-02	0.42

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
24	111	SISMA SLO Y	4.112E-02	0.42
24	108	SISMA SLO Y	4.112E-02	0.42
24	143	SISMA SLO Y	4.112E-02	0.42
24	16	SLT	0.	0.
24	111	SLT	0.	0.
24	108	SLT	0.	0.
24	143	SLT	0.	0.
24	16	~TorsionSISMA SLV X	0.	0.
24	111	~TorsionSISMA SLV X	0.	0.
24	108	~TorsionSISMA SLV X	0.	0.
24	143	~TorsionSISMA SLV X	0.	0.
24	16	~TorsionSISMA SLV Y	0.	0.
24	111	~TorsionSISMA SLV Y	0.	0.
24	108	~TorsionSISMA SLV Y	0.	0.
24	143	~TorsionSISMA SLV Y	0.	0.
24	16	~TorsionSISMA SLD X	0.	0.
24	111	~TorsionSISMA SLD X	0.	0.
24	108	~TorsionSISMA SLD X	0.	0.
24	143	~TorsionSISMA SLD X	0.	0.
24	16	~TorsionSISMA SLD Y	0.	0.
24	111	~TorsionSISMA SLD Y	0.	0.
24	108	~TorsionSISMA SLD Y	0.	0.
24	143	~TorsionSISMA SLD Y	0.	0.
24	16	~TorsionSISMA SLO X	0.	0.
24	111	~TorsionSISMA SLO X	0.	0.
24	108	~TorsionSISMA SLO X	0.	0.
24	143	~TorsionSISMA SLO X	0.	0.
24	16	~TorsionSISMA SLO Y	0.	0.
24	111	~TorsionSISMA SLO Y	0.	0.
24	108	~TorsionSISMA SLO Y	0.	0.
24	143	~TorsionSISMA SLO Y	0.	0.
25	102	G1_K	-3.568E-02	0.52
25	134	G1_K	-3.568E-02	0.52
25	17	G1_K	-3.568E-02	0.52
25	18	G1_K	-3.568E-02	0.52

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
25	102	G2_K	-3.835E-03	-0.1
25	134	G2_K	-3.835E-03	-0.1
25	17	G2_K	-3.835E-03	-0.1
25	18	G2_K	-3.835E-03	-0.1
25	102	Q_K	6.970E-03	0.17
25	134	Q_K	6.970E-03	0.17
25	17	Q_K	6.970E-03	0.17
25	18	Q_K	6.970E-03	0.17
25	102	N_K	8.364E-04	1.988E-02
25	134	N_K	8.364E-04	1.988E-02
25	17	N_K	8.364E-04	1.988E-02
25	18	N_K	8.364E-04	1.988E-02
25	102	T+_K	0.	0.
25	134	T+_K	0.	0.
25	17	T+_K	0.	0.
25	18	T+_K	0.	0.
25	102	T-_K	0.	0.
25	134	T-_K	0.	0.
25	17	T-_K	0.	0.
25	18	T-_K	0.	0.
25	102	G1_D	-4.638E-02	0.68
25	134	G1_D	-4.638E-02	0.68
25	17	G1_D	-4.638E-02	0.68
25	18	G1_D	-4.638E-02	0.68
25	102	G2_D	-4.985E-03	-0.13
25	134	G2_D	-4.985E-03	-0.13
25	17	G2_D	-4.985E-03	-0.13
25	18	G2_D	-4.985E-03	-0.13
25	102	Q_D	1.045E-02	0.25
25	134	Q_D	1.045E-02	0.25
25	17	Q_D	1.045E-02	0.25
25	18	Q_D	1.045E-02	0.25
25	102	N_D	1.255E-03	2.982E-02
25	134	N_D	1.255E-03	2.982E-02
25	17	N_D	1.255E-03	2.982E-02
25	18	N_D	1.255E-03	2.982E-02
25	102	T+_D	0.	0.
25	134	T+_D	0.	0.
25	17	T+_D	0.	0.
25	18	T+_D	0.	0.
25	102	T-_D	0.	0.
25	134	T-_D	0.	0.
25	17	T-_D	0.	0.
25	18	T-_D	0.	0.
25	102	W+_K	0.	0.
25	134	W+_K	0.	0.
25	17	W+_K	0.	0.
25	18	W+_K	0.	0.
25	102	W-_K	0.	0.
25	134	W-_K	0.	0.
25	17	W-_K	0.	0.
25	18	W-_K	0.	0.
25	102	W+_D	0.	0.
25	134	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
25	17	W+_D	0.	0.
25	18	W+_D	0.	0.
25	102	W-_D	0.	0.
25	134	W-_D	0.	0.
25	17	W-_D	0.	0.
25	18	W-_D	0.	0.
25	102	SISMA SLV X	2.371E-02	0.42
25	134	SISMA SLV X	2.371E-02	0.42
25	17	SISMA SLV X	2.371E-02	0.42
25	18	SISMA SLV X	2.371E-02	0.42
25	102	SISMA SLV Y	3.300E-02	0.95
25	134	SISMA SLV Y	3.300E-02	0.95
25	17	SISMA SLV Y	3.300E-02	0.95
25	18	SISMA SLV Y	3.300E-02	0.95
25	102	SISMA SLD X	1.158E-02	0.21
25	134	SISMA SLD X	1.158E-02	0.21
25	17	SISMA SLD X	1.158E-02	0.21
25	18	SISMA SLD X	1.158E-02	0.21
25	102	SISMA SLD Y	1.611E-02	0.46
25	134	SISMA SLD Y	1.611E-02	0.46
25	17	SISMA SLD Y	1.611E-02	0.46
25	18	SISMA SLD Y	1.611E-02	0.46
25	102	SISMA SLO X	9.587E-03	0.17
25	134	SISMA SLO X	9.587E-03	0.17
25	17	SISMA SLO X	9.587E-03	0.17
25	18	SISMA SLO X	9.587E-03	0.17
25	102	SISMA SLO Y	1.332E-02	0.38
25	134	SISMA SLO Y	1.332E-02	0.38
25	17	SISMA SLO Y	1.332E-02	0.38
25	18	SISMA SLO Y	1.332E-02	0.38
25	102	SLT	0.	0.
25	134	SLT	0.	0.
25	17	SLT	0.	0.
25	18	SLT	0.	0.
25	102	~TorsionSISMA SLV X	0.	0.
25	134	~TorsionSISMA SLV X	0.	0.
25	17	~TorsionSISMA SLV X	0.	0.
25	18	~TorsionSISMA SLV X	0.	0.
25	102	~TorsionSISMA SLV Y	0.	0.
25	134	~TorsionSISMA SLV Y	0.	0.
25	17	~TorsionSISMA SLV Y	0.	0.
25	18	~TorsionSISMA SLV Y	0.	0.
25	102	~TorsionSISMA SLD X	0.	0.
25	134	~TorsionSISMA SLD X	0.	0.
25	17	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
25	18	~TorsionSISMA SLD X	0.	0.
25	102	~TorsionSISMA SLD Y	0.	0.
25	134	~TorsionSISMA SLD Y	0.	0.
25	17	~TorsionSISMA SLD Y	0.	0.
25	18	~TorsionSISMA SLD Y	0.	0.
25	102	~TorsionSISMA SLO X	0.	0.
25	134	~TorsionSISMA SLO X	0.	0.
25	17	~TorsionSISMA SLO X	0.	0.
25	18	~TorsionSISMA SLO X	0.	0.
25	102	~TorsionSISMA SLO Y	0.	0.
25	134	~TorsionSISMA SLO Y	0.	0.
25	17	~TorsionSISMA SLO Y	0.	0.
25	18	~TorsionSISMA SLO Y	0.	0.
26	18	G1_K	6.530E-02	5.785E-02
26	17	G1_K	6.530E-02	5.785E-02
26	135	G1_K	6.530E-02	5.785E-02
26	136	G1_K	6.530E-02	5.785E-02
26	18	G2_K	-3.590E-03	-8.624E-02
26	17	G2_K	-3.590E-03	-8.624E-02
26	135	G2_K	-3.590E-03	-8.624E-02
26	136	G2_K	-3.590E-03	-8.624E-02
26	18	Q_K	9.881E-02	4.975E-02
26	17	Q_K	9.881E-02	4.975E-02
26	135	Q_K	9.881E-02	4.975E-02
26	136	Q_K	9.881E-02	4.975E-02
26	18	N_K	1.186E-02	5.970E-03
26	17	N_K	1.186E-02	5.970E-03
26	135	N_K	1.186E-02	5.970E-03
26	136	N_K	1.186E-02	5.970E-03
26	18	T+_K	0.	0.
26	17	T+_K	0.	0.
26	135	T+_K	0.	0.
26	136	T+_K	0.	0.
26	18	T-_K	0.	0.
26	17	T-_K	0.	0.
26	135	T-_K	0.	0.
26	136	T-_K	0.	0.
26	18	G1_D	8.489E-02	7.521E-02
26	17	G1_D	8.489E-02	7.521E-02
26	135	G1_D	8.489E-02	7.521E-02
26	136	G1_D	8.489E-02	7.521E-02
26	18	G2_D	-4.667E-03	-0.11
26	17	G2_D	-4.667E-03	-0.11
26	135	G2_D	-4.667E-03	-0.11

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
26	136	G2_D	-4.667E-03	-0.11
26	18	Q_D	0.15	7.462E-02
26	17	Q_D	0.15	7.462E-02
26	135	Q_D	0.15	7.462E-02
26	136	Q_D	0.15	7.462E-02
26	18	N_D	1.779E-02	8.955E-03
26	17	N_D	1.779E-02	8.955E-03
26	135	N_D	1.779E-02	8.955E-03
26	136	N_D	1.779E-02	8.955E-03
26	18	T+_D	0.	0.
26	17	T+_D	0.	0.
26	135	T+_D	0.	0.
26	136	T+_D	0.	0.
26	18	T-_D	0.	0.
26	17	T-_D	0.	0.
26	135	T-_D	0.	0.
26	136	T-_D	0.	0.
26	18	W+_K	0.	0.
26	17	W+_K	0.	0.
26	135	W+_K	0.	0.
26	136	W+_K	0.	0.
26	18	W-_K	0.	0.
26	17	W-_K	0.	0.
26	135	W-_K	0.	0.
26	136	W-_K	0.	0.
26	18	W+_D	0.	0.
26	17	W+_D	0.	0.
26	135	W+_D	0.	0.
26	136	W+_D	0.	0.
26	18	W-_D	0.	0.
26	17	W-_D	0.	0.
26	135	W-_D	0.	0.
26	136	W-_D	0.	0.
26	18	SISMA SLV X	9.842E-02	0.24
26	17	SISMA SLV X	9.842E-02	0.24
26	135	SISMA SLV X	9.842E-02	0.24
26	136	SISMA SLV X	9.842E-02	0.24
26	18	SISMA SLV Y	0.14	0.45
26	17	SISMA SLV Y	0.14	0.45
26	135	SISMA SLV Y	0.14	0.45
26	136	SISMA SLV Y	0.14	0.45
26	18	SISMA SLD X	4.807E-02	0.12
26	17	SISMA SLD X	4.807E-02	0.12
26	135	SISMA SLD X	4.807E-02	0.12
26	136	SISMA SLD X	4.807E-02	0.12
26	18	SISMA SLD Y	6.992E-02	0.22
26	17	SISMA SLD Y	6.992E-02	0.22
26	135	SISMA SLD Y	6.992E-02	0.22
26	136	SISMA SLD Y	6.992E-02	0.22
26	18	SISMA SLO X	3.980E-02	9.806E-02
26	17	SISMA SLO X	3.980E-02	9.806E-02
26	135	SISMA SLO X	3.980E-02	9.806E-02
26	136	SISMA SLO X	3.980E-02	9.806E-02
26	18	SISMA SLO Y	5.783E-02	0.18

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
26	17	SISMA SLO Y	5.783E-02	0.18
26	135	SISMA SLO Y	5.783E-02	0.18
26	136	SISMA SLO Y	5.783E-02	0.18
26	18	SLT	0.	0.
26	17	SLT	0.	0.
26	135	SLT	0.	0.
26	136	SLT	0.	0.
26	18	~TorsionSISMA SLV X	0.	0.
26	17	~TorsionSISMA SLV X	0.	0.
26	135	~TorsionSISMA SLV X	0.	0.
26	136	~TorsionSISMA SLV X	0.	0.
26	18	~TorsionSISMA SLV Y	0.	0.
26	17	~TorsionSISMA SLV Y	0.	0.
26	135	~TorsionSISMA SLV Y	0.	0.
26	136	~TorsionSISMA SLV Y	0.	0.
26	18	~TorsionSISMA SLD X	0.	0.
26	17	~TorsionSISMA SLD X	0.	0.
26	135	~TorsionSISMA SLD X	0.	0.
26	136	~TorsionSISMA SLD X	0.	0.
26	18	~TorsionSISMA SLD Y	0.	0.
26	17	~TorsionSISMA SLD Y	0.	0.
26	135	~TorsionSISMA SLD Y	0.	0.
26	136	~TorsionSISMA SLD Y	0.	0.
26	18	~TorsionSISMA SLO X	0.	0.
26	17	~TorsionSISMA SLO X	0.	0.
26	135	~TorsionSISMA SLO X	0.	0.
26	136	~TorsionSISMA SLO X	0.	0.
26	18	~TorsionSISMA SLO Y	0.	0.
26	17	~TorsionSISMA SLO Y	0.	0.
26	135	~TorsionSISMA SLO Y	0.	0.
26	136	~TorsionSISMA SLO Y	0.	0.
27	136	G1_K	0.31	9.785E-02
27	135	G1_K	0.31	9.785E-02
27	19	G1_K	0.31	9.785E-02
27	20	G1_K	0.31	9.785E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
27	136	G2_K	6.058E-03	-0.14
27	135	G2_K	6.058E-03	-0.14
27	19	G2_K	6.058E-03	-0.14
27	20	G2_K	6.058E-03	-0.14
27	136	Q_K	0.23	7.624E-02
27	135	Q_K	0.23	7.624E-02
27	19	Q_K	0.23	7.624E-02
27	20	Q_K	0.23	7.624E-02
27	136	N_K	2.760E-02	9.149E-03
27	135	N_K	2.760E-02	9.149E-03
27	19	N_K	2.760E-02	9.149E-03
27	20	N_K	2.760E-02	9.149E-03
27	136	T+_K	0.	0.
27	135	T+_K	0.	0.
27	19	T+_K	0.	0.
27	20	T+_K	0.	0.
27	136	T-_K	0.	0.
27	135	T-_K	0.	0.
27	19	T-_K	0.	0.
27	20	T-_K	0.	0.
27	136	G1_D	0.4	0.13
27	135	G1_D	0.4	0.13
27	19	G1_D	0.4	0.13
27	20	G1_D	0.4	0.13
27	136	G2_D	7.876E-03	-0.19
27	135	G2_D	7.876E-03	-0.19
27	19	G2_D	7.876E-03	-0.19
27	20	G2_D	7.876E-03	-0.19
27	136	Q_D	0.34	0.11
27	135	Q_D	0.34	0.11
27	19	Q_D	0.34	0.11
27	20	Q_D	0.34	0.11
27	136	N_D	4.139E-02	1.372E-02
27	135	N_D	4.139E-02	1.372E-02
27	19	N_D	4.139E-02	1.372E-02
27	20	N_D	4.139E-02	1.372E-02
27	136	T+_D	0.	0.
27	135	T+_D	0.	0.
27	19	T+_D	0.	0.
27	20	T+_D	0.	0.
27	136	T-_D	0.	0.
27	135	T-_D	0.	0.
27	19	T-_D	0.	0.
27	20	T-_D	0.	0.
27	136	W+_K	0.	0.
27	135	W+_K	0.	0.
27	19	W+_K	0.	0.
27	20	W+_K	0.	0.
27	136	W-_K	0.	0.
27	135	W-_K	0.	0.
27	19	W-_K	0.	0.
27	20	W-_K	0.	0.
27	136	W+_D	0.	0.
27	135	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
27	19	W+_D	0.	0.
27	20	W+_D	0.	0.
27	136	W-_D	0.	0.
27	135	W-_D	0.	0.
27	19	W-_D	0.	0.
27	20	W-_D	0.	0.
27	136	SISMA SLV X	0.22	0.21
27	135	SISMA SLV X	0.22	0.21
27	19	SISMA SLV X	0.22	0.21
27	20	SISMA SLV X	0.22	0.21
27	136	SISMA SLV Y	0.37	0.34
27	135	SISMA SLV Y	0.37	0.34
27	19	SISMA SLV Y	0.37	0.34
27	20	SISMA SLV Y	0.37	0.34
27	136	SISMA SLD X	0.11	0.1
27	135	SISMA SLD X	0.11	0.1
27	19	SISMA SLD X	0.11	0.1
27	20	SISMA SLD X	0.11	0.1
27	136	SISMA SLD Y	0.18	0.16
27	135	SISMA SLD Y	0.18	0.16
27	19	SISMA SLD Y	0.18	0.16
27	20	SISMA SLD Y	0.18	0.16
27	136	SISMA SLO X	8.925E-02	8.600E-02
27	135	SISMA SLO X	8.925E-02	8.600E-02
27	19	SISMA SLO X	8.925E-02	8.600E-02
27	20	SISMA SLO X	8.925E-02	8.600E-02
27	136	SISMA SLO Y	0.15	0.14
27	135	SISMA SLO Y	0.15	0.14
27	19	SISMA SLO Y	0.15	0.14
27	20	SISMA SLO Y	0.15	0.14
27	136	SLT	0.	0.
27	135	SLT	0.	0.
27	19	SLT	0.	0.
27	20	SLT	0.	0.
27	136	~TorsionSISMA SLV X	0.	0.
27	135	~TorsionSISMA SLV X	0.	0.
27	19	~TorsionSISMA SLV X	0.	0.
27	20	~TorsionSISMA SLV X	0.	0.
27	136	~TorsionSISMA SLV Y	0.	0.
27	135	~TorsionSISMA SLV Y	0.	0.
27	19	~TorsionSISMA SLV Y	0.	0.
27	20	~TorsionSISMA SLV Y	0.	0.
27	136	~TorsionSISMA SLD X	0.	0.
27	135	~TorsionSISMA SLD X	0.	0.
27	19	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
27	20	~TorsionSISMA SLD X	0.	0.
27	136	~TorsionSISMA SLD Y	0.	0.
27	135	~TorsionSISMA SLD Y	0.	0.
27	19	~TorsionSISMA SLD Y	0.	0.
27	20	~TorsionSISMA SLD Y	0.	0.
27	136	~TorsionSISMA SLO X	0.	0.
27	135	~TorsionSISMA SLO X	0.	0.
27	19	~TorsionSISMA SLO X	0.	0.
27	20	~TorsionSISMA SLO X	0.	0.
27	136	~TorsionSISMA SLO Y	0.	0.
27	135	~TorsionSISMA SLO Y	0.	0.
27	19	~TorsionSISMA SLO Y	0.	0.
27	20	~TorsionSISMA SLO Y	0.	0.
28	20	G1_K	0.58	0.29
28	19	G1_K	0.58	0.29
28	137	G1_K	0.58	0.29
28	138	G1_K	0.58	0.29
28	20	G2_K	8.638E-03	-0.18
28	19	G2_K	8.638E-03	-0.18
28	137	G2_K	8.638E-03	-0.18
28	138	G2_K	8.638E-03	-0.18
28	20	Q_K	0.4	0.2
28	19	Q_K	0.4	0.2
28	137	Q_K	0.4	0.2
28	138	Q_K	0.4	0.2
28	20	N_K	4.742E-02	2.454E-02
28	19	N_K	4.742E-02	2.454E-02
28	137	N_K	4.742E-02	2.454E-02
28	138	N_K	4.742E-02	2.454E-02
28	20	T+_K	0.	0.
28	19	T+_K	0.	0.
28	137	T+_K	0.	0.
28	138	T+_K	0.	0.
28	20	T-_K	0.	0.
28	19	T-_K	0.	0.
28	137	T-_K	0.	0.
28	138	T-_K	0.	0.
28	20	G1_D	0.76	0.38
28	19	G1_D	0.76	0.38
28	137	G1_D	0.76	0.38
28	138	G1_D	0.76	0.38
28	20	G2_D	1.123E-02	-0.23
28	19	G2_D	1.123E-02	-0.23
28	137	G2_D	1.123E-02	-0.23

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
28	138	G2_D	1.123E-02	-0.23
28	20	Q_D	0.59	0.31
28	19	Q_D	0.59	0.31
28	137	Q_D	0.59	0.31
28	138	Q_D	0.59	0.31
28	20	N_D	7.112E-02	3.681E-02
28	19	N_D	7.112E-02	3.681E-02
28	137	N_D	7.112E-02	3.681E-02
28	138	N_D	7.112E-02	3.681E-02
28	20	T+_D	0.	0.
28	19	T+_D	0.	0.
28	137	T+_D	0.	0.
28	138	T+_D	0.	0.
28	20	T-_D	0.	0.
28	19	T-_D	0.	0.
28	137	T-_D	0.	0.
28	138	T-_D	0.	0.
28	20	W+_K	0.	0.
28	19	W+_K	0.	0.
28	137	W+_K	0.	0.
28	138	W+_K	0.	0.
28	20	W-_K	0.	0.
28	19	W-_K	0.	0.
28	137	W-_K	0.	0.
28	138	W-_K	0.	0.
28	20	W+_D	0.	0.
28	19	W+_D	0.	0.
28	137	W+_D	0.	0.
28	138	W+_D	0.	0.
28	20	W-_D	0.	0.
28	19	W-_D	0.	0.
28	137	W-_D	0.	0.
28	138	W-_D	0.	0.
28	20	SISMA SLV X	0.31	0.16
28	19	SISMA SLV X	0.31	0.16
28	137	SISMA SLV X	0.31	0.16
28	138	SISMA SLV X	0.31	0.16
28	20	SISMA SLV Y	0.48	0.23
28	19	SISMA SLV Y	0.48	0.23
28	137	SISMA SLV Y	0.48	0.23
28	138	SISMA SLV Y	0.48	0.23
28	20	SISMA SLD X	0.15	7.580E-02
28	19	SISMA SLD X	0.15	7.580E-02
28	137	SISMA SLD X	0.15	7.580E-02
28	138	SISMA SLD X	0.15	7.580E-02
28	20	SISMA SLD Y	0.23	0.11
28	19	SISMA SLD Y	0.23	0.11
28	137	SISMA SLD Y	0.23	0.11
28	138	SISMA SLD Y	0.23	0.11
28	20	SISMA SLO X	0.13	6.278E-02
28	19	SISMA SLO X	0.13	6.278E-02
28	137	SISMA SLO X	0.13	6.278E-02
28	138	SISMA SLO X	0.13	6.278E-02
28	20	SISMA SLO Y	0.19	9.391E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
28	19	SISMA SLO Y	0.19	9.391E-02
28	137	SISMA SLO Y	0.19	9.391E-02
28	138	SISMA SLO Y	0.19	9.391E-02
28	20	SLT	0.	0.
28	19	SLT	0.	0.
28	137	SLT	0.	0.
28	138	SLT	0.	0.
28	20	~TorsionSISMA SLV X	0.	0.
28	19	~TorsionSISMA SLV X	0.	0.
28	137	~TorsionSISMA SLV X	0.	0.
28	138	~TorsionSISMA SLV X	0.	0.
28	20	~TorsionSISMA SLV Y	0.	0.
28	19	~TorsionSISMA SLV Y	0.	0.
28	137	~TorsionSISMA SLV Y	0.	0.
28	138	~TorsionSISMA SLV Y	0.	0.
28	20	~TorsionSISMA SLD X	0.	0.
28	19	~TorsionSISMA SLD X	0.	0.
28	137	~TorsionSISMA SLD X	0.	0.
28	138	~TorsionSISMA SLD X	0.	0.
28	20	~TorsionSISMA SLD Y	0.	0.
28	19	~TorsionSISMA SLD Y	0.	0.
28	137	~TorsionSISMA SLD Y	0.	0.
28	138	~TorsionSISMA SLD Y	0.	0.
28	20	~TorsionSISMA SLO X	0.	0.
28	19	~TorsionSISMA SLO X	0.	0.
28	137	~TorsionSISMA SLO X	0.	0.
28	138	~TorsionSISMA SLO X	0.	0.
28	20	~TorsionSISMA SLO Y	0.	0.
28	19	~TorsionSISMA SLO Y	0.	0.
28	137	~TorsionSISMA SLO Y	0.	0.
28	138	~TorsionSISMA SLO Y	0.	0.
29	134	G1_K	-1.687E-02	0.55
29	140	G1_K	-1.687E-02	0.55
29	21	G1_K	-1.687E-02	0.55
29	17	G1_K	-1.687E-02	0.55

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
29	134	G2_K	-1.558E-03	-8.538E-02
29	140	G2_K	-1.558E-03	-8.538E-02
29	21	G2_K	-1.558E-03	-8.538E-02
29	17	G2_K	-1.558E-03	-8.538E-02
29	134	Q_K	-9.148E-03	0.31
29	140	Q_K	-9.148E-03	0.31
29	21	Q_K	-9.148E-03	0.31
29	17	Q_K	-9.148E-03	0.31
29	134	N_K	-1.098E-03	3.748E-02
29	140	N_K	-1.098E-03	3.748E-02
29	21	N_K	-1.098E-03	3.748E-02
29	17	N_K	-1.098E-03	3.748E-02
29	134	T+_K	0.	0.
29	140	T+_K	0.	0.
29	21	T+_K	0.	0.
29	17	T+_K	0.	0.
29	134	T-_K	0.	0.
29	140	T-_K	0.	0.
29	21	T-_K	0.	0.
29	17	T-_K	0.	0.
29	134	G1_D	-2.193E-02	0.71
29	140	G1_D	-2.193E-02	0.71
29	21	G1_D	-2.193E-02	0.71
29	17	G1_D	-2.193E-02	0.71
29	134	G2_D	-2.025E-03	-0.11
29	140	G2_D	-2.025E-03	-0.11
29	21	G2_D	-2.025E-03	-0.11
29	17	G2_D	-2.025E-03	-0.11
29	134	Q_D	-1.372E-02	0.47
29	140	Q_D	-1.372E-02	0.47
29	21	Q_D	-1.372E-02	0.47
29	17	Q_D	-1.372E-02	0.47
29	134	N_D	-1.647E-03	5.622E-02
29	140	N_D	-1.647E-03	5.622E-02
29	21	N_D	-1.647E-03	5.622E-02
29	17	N_D	-1.647E-03	5.622E-02
29	134	T+_D	0.	0.
29	140	T+_D	0.	0.
29	21	T+_D	0.	0.
29	17	T+_D	0.	0.
29	134	T-_D	0.	0.
29	140	T-_D	0.	0.
29	21	T-_D	0.	0.
29	17	T-_D	0.	0.
29	134	W+_K	0.	0.
29	140	W+_K	0.	0.
29	21	W+_K	0.	0.
29	17	W+_K	0.	0.
29	134	W-_K	0.	0.
29	140	W-_K	0.	0.
29	21	W-_K	0.	0.
29	17	W-_K	0.	0.
29	134	W+_D	0.	0.
29	140	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
29	21	W+_D	0.	0.
29	17	W+_D	0.	0.
29	134	W-_D	0.	0.
29	140	W-_D	0.	0.
29	21	W-_D	0.	0.
29	17	W-_D	0.	0.
29	134	SISMA SLV X	8.380E-03	0.49
29	140	SISMA SLV X	8.380E-03	0.49
29	21	SISMA SLV X	8.380E-03	0.49
29	17	SISMA SLV X	8.380E-03	0.49
29	134	SISMA SLV Y	7.269E-03	1.08
29	140	SISMA SLV Y	7.269E-03	1.08
29	21	SISMA SLV Y	7.269E-03	1.08
29	17	SISMA SLV Y	7.269E-03	1.08
29	134	SISMA SLD X	4.092E-03	0.24
29	140	SISMA SLD X	4.092E-03	0.24
29	21	SISMA SLD X	4.092E-03	0.24
29	17	SISMA SLD X	4.092E-03	0.24
29	134	SISMA SLD Y	3.549E-03	0.53
29	140	SISMA SLD Y	3.549E-03	0.53
29	21	SISMA SLD Y	3.549E-03	0.53
29	17	SISMA SLD Y	3.549E-03	0.53
29	134	SISMA SLO X	3.386E-03	0.2
29	140	SISMA SLO X	3.386E-03	0.2
29	21	SISMA SLO X	3.386E-03	0.2
29	17	SISMA SLO X	3.386E-03	0.2
29	134	SISMA SLO Y	2.931E-03	0.44
29	140	SISMA SLO Y	2.931E-03	0.44
29	21	SISMA SLO Y	2.931E-03	0.44
29	17	SISMA SLO Y	2.931E-03	0.44
29	134	SLT	0.	0.
29	140	SLT	0.	0.
29	21	SLT	0.	0.
29	17	SLT	0.	0.
29	134	~TorsionSISMA SLV X	0.	0.
29	140	~TorsionSISMA SLV X	0.	0.
29	21	~TorsionSISMA SLV X	0.	0.
29	17	~TorsionSISMA SLV X	0.	0.
29	134	~TorsionSISMA SLV Y	0.	0.
29	140	~TorsionSISMA SLV Y	0.	0.
29	21	~TorsionSISMA SLV Y	0.	0.
29	17	~TorsionSISMA SLV Y	0.	0.
29	134	~TorsionSISMA SLD X	0.	0.
29	140	~TorsionSISMA SLD X	0.	0.
29	21	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
29	17	~TorsionSISMA SLD X	0.	0.
29	134	~TorsionSISMA SLD Y	0.	0.
29	140	~TorsionSISMA SLD Y	0.	0.
29	21	~TorsionSISMA SLD Y	0.	0.
29	17	~TorsionSISMA SLD Y	0.	0.
29	134	~TorsionSISMA SLO X	0.	0.
29	140	~TorsionSISMA SLO X	0.	0.
29	21	~TorsionSISMA SLO X	0.	0.
29	17	~TorsionSISMA SLO X	0.	0.
29	134	~TorsionSISMA SLO Y	0.	0.
29	140	~TorsionSISMA SLO Y	0.	0.
29	21	~TorsionSISMA SLO Y	0.	0.
29	17	~TorsionSISMA SLO Y	0.	0.
30	17	G1_K	5.081E-02	0.55
30	21	G1_K	5.081E-02	0.55
30	141	G1_K	5.081E-02	0.55
30	135	G1_K	5.081E-02	0.55
30	17	G2_K	5.325E-03	-8.109E-02
30	21	G2_K	5.325E-03	-8.109E-02
30	141	G2_K	5.325E-03	-8.109E-02
30	135	G2_K	5.325E-03	-8.109E-02
30	17	Q_K	4.424E-02	0.33
30	21	Q_K	4.424E-02	0.33
30	141	Q_K	4.424E-02	0.33
30	135	Q_K	4.424E-02	0.33
30	17	N_K	5.309E-03	3.923E-02
30	21	N_K	5.309E-03	3.923E-02
30	141	N_K	5.309E-03	3.923E-02
30	135	N_K	5.309E-03	3.923E-02
30	17	T+_K	0.	0.
30	21	T+_K	0.	0.
30	141	T+_K	0.	0.
30	135	T+_K	0.	0.
30	17	T-_K	0.	0.
30	21	T-_K	0.	0.
30	141	T-_K	0.	0.
30	135	T-_K	0.	0.
30	17	G1_D	6.606E-02	0.71
30	21	G1_D	6.606E-02	0.71
30	141	G1_D	6.606E-02	0.71
30	135	G1_D	6.606E-02	0.71
30	17	G2_D	6.923E-03	-0.11
30	21	G2_D	6.923E-03	-0.11
30	141	G2_D	6.923E-03	-0.11

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
30	135	G2_D	6.923E-03	-0.11
30	17	Q_D	6.636E-02	0.49
30	21	Q_D	6.636E-02	0.49
30	141	Q_D	6.636E-02	0.49
30	135	Q_D	6.636E-02	0.49
30	17	N_D	7.964E-03	5.885E-02
30	21	N_D	7.964E-03	5.885E-02
30	141	N_D	7.964E-03	5.885E-02
30	135	N_D	7.964E-03	5.885E-02
30	17	T+_D	0.	0.
30	21	T+_D	0.	0.
30	141	T+_D	0.	0.
30	135	T+_D	0.	0.
30	17	T-_D	0.	0.
30	21	T-_D	0.	0.
30	141	T-_D	0.	0.
30	135	T-_D	0.	0.
30	17	W+_K	0.	0.
30	21	W+_K	0.	0.
30	141	W+_K	0.	0.
30	135	W+_K	0.	0.
30	17	W-_K	0.	0.
30	21	W-_K	0.	0.
30	141	W-_K	0.	0.
30	135	W-_K	0.	0.
30	17	W+_D	0.	0.
30	21	W+_D	0.	0.
30	141	W+_D	0.	0.
30	135	W+_D	0.	0.
30	17	W-_D	0.	0.
30	21	W-_D	0.	0.
30	141	W-_D	0.	0.
30	135	W-_D	0.	0.
30	17	SISMA SLV X	8.020E-02	0.43
30	21	SISMA SLV X	8.020E-02	0.43
30	141	SISMA SLV X	8.020E-02	0.43
30	135	SISMA SLV X	8.020E-02	0.43
30	17	SISMA SLV Y	0.1	0.95
30	21	SISMA SLV Y	0.1	0.95
30	141	SISMA SLV Y	0.1	0.95
30	135	SISMA SLV Y	0.1	0.95
30	17	SISMA SLD X	3.917E-02	0.21
30	21	SISMA SLD X	3.917E-02	0.21
30	141	SISMA SLD X	3.917E-02	0.21
30	135	SISMA SLD X	3.917E-02	0.21
30	17	SISMA SLD Y	5.083E-02	0.46
30	21	SISMA SLD Y	5.083E-02	0.46
30	141	SISMA SLD Y	5.083E-02	0.46
30	135	SISMA SLD Y	5.083E-02	0.46
30	17	SISMA SLO X	3.244E-02	0.17
30	21	SISMA SLO X	3.244E-02	0.17
30	141	SISMA SLO X	3.244E-02	0.17
30	135	SISMA SLO X	3.244E-02	0.17
30	17	SISMA SLO Y	4.209E-02	0.38

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
30	21	SISMA SLO Y	4.209E-02	0.38
30	141	SISMA SLO Y	4.209E-02	0.38
30	135	SISMA SLO Y	4.209E-02	0.38
30	17	SLT	0.	0.
30	21	SLT	0.	0.
30	141	SLT	0.	0.
30	135	SLT	0.	0.
30	17	~TorsionSISMA SLV X	0.	0.
30	21	~TorsionSISMA SLV X	0.	0.
30	141	~TorsionSISMA SLV X	0.	0.
30	135	~TorsionSISMA SLV X	0.	0.
30	17	~TorsionSISMA SLV Y	0.	0.
30	21	~TorsionSISMA SLV Y	0.	0.
30	141	~TorsionSISMA SLV Y	0.	0.
30	135	~TorsionSISMA SLV Y	0.	0.
30	17	~TorsionSISMA SLD X	0.	0.
30	21	~TorsionSISMA SLD X	0.	0.
30	141	~TorsionSISMA SLD X	0.	0.
30	135	~TorsionSISMA SLD X	0.	0.
30	17	~TorsionSISMA SLD Y	0.	0.
30	21	~TorsionSISMA SLD Y	0.	0.
30	141	~TorsionSISMA SLD Y	0.	0.
30	135	~TorsionSISMA SLD Y	0.	0.
30	17	~TorsionSISMA SLO X	0.	0.
30	21	~TorsionSISMA SLO X	0.	0.
30	141	~TorsionSISMA SLO X	0.	0.
30	135	~TorsionSISMA SLO X	0.	0.
30	17	~TorsionSISMA SLO Y	0.	0.
30	21	~TorsionSISMA SLO Y	0.	0.
30	141	~TorsionSISMA SLO Y	0.	0.
30	135	~TorsionSISMA SLO Y	0.	0.
31	135	G1_K	0.14	0.62
31	141	G1_K	0.14	0.62
31	22	G1_K	0.14	0.62
31	19	G1_K	0.14	0.62

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
31	135	G2_K	1.218E-02	-8.557E-02
31	141	G2_K	1.218E-02	-8.557E-02
31	22	G2_K	1.218E-02	-8.557E-02
31	19	G2_K	1.218E-02	-8.557E-02
31	135	Q_K	9.804E-02	0.38
31	141	Q_K	9.804E-02	0.38
31	22	Q_K	9.804E-02	0.38
31	19	Q_K	9.804E-02	0.38
31	135	N_K	1.177E-02	4.610E-02
31	141	N_K	1.177E-02	4.610E-02
31	22	N_K	1.177E-02	4.610E-02
31	19	N_K	1.177E-02	4.610E-02
31	135	T+_K	0.	0.
31	141	T+_K	0.	0.
31	22	T+_K	0.	0.
31	19	T+_K	0.	0.
31	135	T-_K	0.	0.
31	141	T-_K	0.	0.
31	22	T-_K	0.	0.
31	19	T-_K	0.	0.
31	135	G1_D	0.18	0.81
31	141	G1_D	0.18	0.81
31	22	G1_D	0.18	0.81
31	19	G1_D	0.18	0.81
31	135	G2_D	1.584E-02	-0.11
31	141	G2_D	1.584E-02	-0.11
31	22	G2_D	1.584E-02	-0.11
31	19	G2_D	1.584E-02	-0.11
31	135	Q_D	0.15	0.58
31	141	Q_D	0.15	0.58
31	22	Q_D	0.15	0.58
31	19	Q_D	0.15	0.58
31	135	N_D	1.765E-02	6.915E-02
31	141	N_D	1.765E-02	6.915E-02
31	22	N_D	1.765E-02	6.915E-02
31	19	N_D	1.765E-02	6.915E-02
31	135	T+_D	0.	0.
31	141	T+_D	0.	0.
31	22	T+_D	0.	0.
31	19	T+_D	0.	0.
31	135	T-_D	0.	0.
31	141	T-_D	0.	0.
31	22	T-_D	0.	0.
31	19	T-_D	0.	0.
31	135	W+_K	0.	0.
31	141	W+_K	0.	0.
31	22	W+_K	0.	0.
31	19	W+_K	0.	0.
31	135	W-_K	0.	0.
31	141	W-_K	0.	0.
31	22	W-_K	0.	0.
31	19	W-_K	0.	0.
31	135	W+_D	0.	0.
31	141	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
31	22	W+_D	0.	0.
31	19	W+_D	0.	0.
31	135	W-_D	0.	0.
31	141	W-_D	0.	0.
31	22	W-_D	0.	0.
31	19	W-_D	0.	0.
31	135	SISMA SLV X	0.14	0.3
31	141	SISMA SLV X	0.14	0.3
31	22	SISMA SLV X	0.14	0.3
31	19	SISMA SLV X	0.14	0.3
31	135	SISMA SLV Y	0.18	0.65
31	141	SISMA SLV Y	0.18	0.65
31	22	SISMA SLV Y	0.18	0.65
31	19	SISMA SLV Y	0.18	0.65
31	135	SISMA SLD X	6.928E-02	0.15
31	141	SISMA SLD X	6.928E-02	0.15
31	22	SISMA SLD X	6.928E-02	0.15
31	19	SISMA SLD X	6.928E-02	0.15
31	135	SISMA SLD Y	8.928E-02	0.32
31	141	SISMA SLD Y	8.928E-02	0.32
31	22	SISMA SLD Y	8.928E-02	0.32
31	19	SISMA SLD Y	8.928E-02	0.32
31	135	SISMA SLO X	5.738E-02	0.12
31	141	SISMA SLO X	5.738E-02	0.12
31	22	SISMA SLO X	5.738E-02	0.12
31	19	SISMA SLO X	5.738E-02	0.12
31	135	SISMA SLO Y	7.393E-02	0.26
31	141	SISMA SLO Y	7.393E-02	0.26
31	22	SISMA SLO Y	7.393E-02	0.26
31	19	SISMA SLO Y	7.393E-02	0.26
31	135	SLT	0.	0.
31	141	SLT	0.	0.
31	22	SLT	0.	0.
31	19	SLT	0.	0.
31	135	~TorsionSISMA SLV X	0.	0.
31	141	~TorsionSISMA SLV X	0.	0.
31	22	~TorsionSISMA SLV X	0.	0.
31	19	~TorsionSISMA SLV X	0.	0.
31	135	~TorsionSISMA SLV Y	0.	0.
31	141	~TorsionSISMA SLV Y	0.	0.
31	22	~TorsionSISMA SLV Y	0.	0.
31	19	~TorsionSISMA SLV Y	0.	0.
31	135	~TorsionSISMA SLD X	0.	0.
31	141	~TorsionSISMA SLD X	0.	0.
31	22	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
31	19	~TorsionSISMA SLD X	0.	0.
31	135	~TorsionSISMA SLD Y	0.	0.
31	141	~TorsionSISMA SLD Y	0.	0.
31	22	~TorsionSISMA SLD Y	0.	0.
31	19	~TorsionSISMA SLD Y	0.	0.
31	135	~TorsionSISMA SLO X	0.	0.
31	141	~TorsionSISMA SLO X	0.	0.
31	22	~TorsionSISMA SLO X	0.	0.
31	19	~TorsionSISMA SLO X	0.	0.
31	135	~TorsionSISMA SLO Y	0.	0.
31	141	~TorsionSISMA SLO Y	0.	0.
31	22	~TorsionSISMA SLO Y	0.	0.
31	19	~TorsionSISMA SLO Y	0.	0.
32	19	G1_K	0.17	0.7
32	22	G1_K	0.17	0.7
32	142	G1_K	0.17	0.7
32	137	G1_K	0.17	0.7
32	19	G2_K	5.873E-02	-6.976E-02
32	22	G2_K	5.873E-02	-6.976E-02
32	142	G2_K	5.873E-02	-6.976E-02
32	137	G2_K	5.873E-02	-6.976E-02
32	19	Q_K	0.11	0.45
32	22	Q_K	0.11	0.45
32	142	Q_K	0.11	0.45
32	137	Q_K	0.11	0.45
32	19	N_K	1.362E-02	5.360E-02
32	22	N_K	1.362E-02	5.360E-02
32	142	N_K	1.362E-02	5.360E-02
32	137	N_K	1.362E-02	5.360E-02
32	19	T+_K	0.	0.
32	22	T+_K	0.	0.
32	142	T+_K	0.	0.
32	137	T+_K	0.	0.
32	19	T-_K	0.	0.
32	22	T-_K	0.	0.
32	142	T-_K	0.	0.
32	137	T-_K	0.	0.
32	19	G1_D	0.22	0.92
32	22	G1_D	0.22	0.92
32	142	G1_D	0.22	0.92
32	137	G1_D	0.22	0.92
32	19	G2_D	7.634E-02	-9.069E-02
32	22	G2_D	7.634E-02	-9.069E-02
32	142	G2_D	7.634E-02	-9.069E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
32	137	G2_D	7.634E-02	-9.069E-02
32	19	Q_D	0.17	0.67
32	22	Q_D	0.17	0.67
32	142	Q_D	0.17	0.67
32	137	Q_D	0.17	0.67
32	19	N_D	2.043E-02	8.040E-02
32	22	N_D	2.043E-02	8.040E-02
32	142	N_D	2.043E-02	8.040E-02
32	137	N_D	2.043E-02	8.040E-02
32	19	T+_D	0.	0.
32	22	T+_D	0.	0.
32	142	T+_D	0.	0.
32	137	T+_D	0.	0.
32	19	T-_D	0.	0.
32	22	T-_D	0.	0.
32	142	T-_D	0.	0.
32	137	T-_D	0.	0.
32	19	W+_K	0.	0.
32	22	W+_K	0.	0.
32	142	W+_K	0.	0.
32	137	W+_K	0.	0.
32	19	W-_K	0.	0.
32	22	W-_K	0.	0.
32	142	W-_K	0.	0.
32	137	W-_K	0.	0.
32	19	W+_D	0.	0.
32	22	W+_D	0.	0.
32	142	W+_D	0.	0.
32	137	W+_D	0.	0.
32	19	W-_D	0.	0.
32	22	W-_D	0.	0.
32	142	W-_D	0.	0.
32	137	W-_D	0.	0.
32	19	SISMA SLV X	0.16	0.12
32	22	SISMA SLV X	0.16	0.12
32	142	SISMA SLV X	0.16	0.12
32	137	SISMA SLV X	0.16	0.12
32	19	SISMA SLV Y	0.18	0.24
32	22	SISMA SLV Y	0.18	0.24
32	142	SISMA SLV Y	0.18	0.24
32	137	SISMA SLV Y	0.18	0.24
32	19	SISMA SLD X	7.832E-02	5.900E-02
32	22	SISMA SLD X	7.832E-02	5.900E-02
32	142	SISMA SLD X	7.832E-02	5.900E-02
32	137	SISMA SLD X	7.832E-02	5.900E-02
32	19	SISMA SLD Y	9.003E-02	0.12
32	22	SISMA SLD Y	9.003E-02	0.12
32	142	SISMA SLD Y	9.003E-02	0.12
32	137	SISMA SLD Y	9.003E-02	0.12
32	19	SISMA SLO X	6.487E-02	4.885E-02
32	22	SISMA SLO X	6.487E-02	4.885E-02
32	142	SISMA SLO X	6.487E-02	4.885E-02
32	137	SISMA SLO X	6.487E-02	4.885E-02
32	19	SISMA SLO Y	7.454E-02	9.513E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
32	22	SISMA SLO Y	7.454E-02	9.513E-02
32	142	SISMA SLO Y	7.454E-02	9.513E-02
32	137	SISMA SLO Y	7.454E-02	9.513E-02
32	19	SLT	0.	0.
32	22	SLT	0.	0.
32	142	SLT	0.	0.
32	137	SLT	0.	0.
32	19	~TorsionSISMA SLV X	0.	0.
32	22	~TorsionSISMA SLV X	0.	0.
32	142	~TorsionSISMA SLV X	0.	0.
32	137	~TorsionSISMA SLV X	0.	0.
32	19	~TorsionSISMA SLV Y	0.	0.
32	22	~TorsionSISMA SLV Y	0.	0.
32	142	~TorsionSISMA SLV Y	0.	0.
32	137	~TorsionSISMA SLV Y	0.	0.
32	19	~TorsionSISMA SLD X	0.	0.
32	22	~TorsionSISMA SLD X	0.	0.
32	142	~TorsionSISMA SLD X	0.	0.
32	137	~TorsionSISMA SLD X	0.	0.
32	19	~TorsionSISMA SLD Y	0.	0.
32	22	~TorsionSISMA SLD Y	0.	0.
32	142	~TorsionSISMA SLD Y	0.	0.
32	137	~TorsionSISMA SLD Y	0.	0.
32	19	~TorsionSISMA SLO X	0.	0.
32	22	~TorsionSISMA SLO X	0.	0.
32	142	~TorsionSISMA SLO X	0.	0.
32	137	~TorsionSISMA SLO X	0.	0.
32	19	~TorsionSISMA SLO Y	0.	0.
32	22	~TorsionSISMA SLO Y	0.	0.
32	142	~TorsionSISMA SLO Y	0.	0.
32	137	~TorsionSISMA SLO Y	0.	0.
33	140	G1_K	-3.138E-02	0.66
33	107	G1_K	-3.138E-02	0.66
33	23	G1_K	-3.138E-02	0.66
33	21	G1_K	-3.138E-02	0.66

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
33	140	G2_K	-8.690E-03	-6.018E-02
33	107	G2_K	-8.690E-03	-6.018E-02
33	23	G2_K	-8.690E-03	-6.018E-02
33	21	G2_K	-8.690E-03	-6.018E-02
33	140	Q_K	-1.959E-02	0.4
33	107	Q_K	-1.959E-02	0.4
33	23	Q_K	-1.959E-02	0.4
33	21	Q_K	-1.959E-02	0.4
33	140	N_K	-2.351E-03	4.831E-02
33	107	N_K	-2.351E-03	4.831E-02
33	23	N_K	-2.351E-03	4.831E-02
33	21	N_K	-2.351E-03	4.831E-02
33	140	T+_K	0.	0.
33	107	T+_K	0.	0.
33	23	T+_K	0.	0.
33	21	T+_K	0.	0.
33	140	T-_K	0.	0.
33	107	T-_K	0.	0.
33	23	T-_K	0.	0.
33	21	T-_K	0.	0.
33	140	G1_D	-4.079E-02	0.86
33	107	G1_D	-4.079E-02	0.86
33	23	G1_D	-4.079E-02	0.86
33	21	G1_D	-4.079E-02	0.86
33	140	G2_D	-1.130E-02	-7.824E-02
33	107	G2_D	-1.130E-02	-7.824E-02
33	23	G2_D	-1.130E-02	-7.824E-02
33	21	G2_D	-1.130E-02	-7.824E-02
33	140	Q_D	-2.939E-02	0.6
33	107	Q_D	-2.939E-02	0.6
33	23	Q_D	-2.939E-02	0.6
33	21	Q_D	-2.939E-02	0.6
33	140	N_D	-3.527E-03	7.247E-02
33	107	N_D	-3.527E-03	7.247E-02
33	23	N_D	-3.527E-03	7.247E-02
33	21	N_D	-3.527E-03	7.247E-02
33	140	T+_D	0.	0.
33	107	T+_D	0.	0.
33	23	T+_D	0.	0.
33	21	T+_D	0.	0.
33	140	T-_D	0.	0.
33	107	T-_D	0.	0.
33	23	T-_D	0.	0.
33	21	T-_D	0.	0.
33	140	W+_K	0.	0.
33	107	W+_K	0.	0.
33	23	W+_K	0.	0.
33	21	W+_K	0.	0.
33	140	W-_K	0.	0.
33	107	W-_K	0.	0.
33	23	W-_K	0.	0.
33	21	W-_K	0.	0.
33	140	W+_D	0.	0.
33	107	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
33	23	W+_D	0.	0.
33	21	W+_D	0.	0.
33	140	W-_D	0.	0.
33	107	W-_D	0.	0.
33	23	W-_D	0.	0.
33	21	W-_D	0.	0.
33	140	SISMA SLV X	1.096E-02	0.59
33	107	SISMA SLV X	1.096E-02	0.59
33	23	SISMA SLV X	1.096E-02	0.59
33	21	SISMA SLV X	1.096E-02	0.59
33	140	SISMA SLV Y	1.645E-02	1.24
33	107	SISMA SLV Y	1.645E-02	1.24
33	23	SISMA SLV Y	1.645E-02	1.24
33	21	SISMA SLV Y	1.645E-02	1.24
33	140	SISMA SLD X	5.351E-03	0.29
33	107	SISMA SLD X	5.351E-03	0.29
33	23	SISMA SLD X	5.351E-03	0.29
33	21	SISMA SLD X	5.351E-03	0.29
33	140	SISMA SLD Y	8.035E-03	0.61
33	107	SISMA SLD Y	8.035E-03	0.61
33	23	SISMA SLD Y	8.035E-03	0.61
33	21	SISMA SLD Y	8.035E-03	0.61
33	140	SISMA SLO X	4.431E-03	0.24
33	107	SISMA SLO X	4.431E-03	0.24
33	23	SISMA SLO X	4.431E-03	0.24
33	21	SISMA SLO X	4.431E-03	0.24
33	140	SISMA SLO Y	6.650E-03	0.5
33	107	SISMA SLO Y	6.650E-03	0.5
33	23	SISMA SLO Y	6.650E-03	0.5
33	21	SISMA SLO Y	6.650E-03	0.5
33	140	SLT	0.	0.
33	107	SLT	0.	0.
33	23	SLT	0.	0.
33	21	SLT	0.	0.
33	140	~TorsionSISMA SLV X	0.	0.
33	107	~TorsionSISMA SLV X	0.	0.
33	23	~TorsionSISMA SLV X	0.	0.
33	21	~TorsionSISMA SLV X	0.	0.
33	140	~TorsionSISMA SLV Y	0.	0.
33	107	~TorsionSISMA SLV Y	0.	0.
33	23	~TorsionSISMA SLV Y	0.	0.
33	21	~TorsionSISMA SLV Y	0.	0.
33	140	~TorsionSISMA SLD X	0.	0.
33	107	~TorsionSISMA SLD X	0.	0.
33	23	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
33	21	~TorsionSISMA SLD X	0.	0.
33	140	~TorsionSISMA SLD Y	0.	0.
33	107	~TorsionSISMA SLD Y	0.	0.
33	23	~TorsionSISMA SLD Y	0.	0.
33	21	~TorsionSISMA SLD Y	0.	0.
33	140	~TorsionSISMA SLO X	0.	0.
33	107	~TorsionSISMA SLO X	0.	0.
33	23	~TorsionSISMA SLO X	0.	0.
33	21	~TorsionSISMA SLO X	0.	0.
33	140	~TorsionSISMA SLO Y	0.	0.
33	107	~TorsionSISMA SLO Y	0.	0.
33	23	~TorsionSISMA SLO Y	0.	0.
33	21	~TorsionSISMA SLO Y	0.	0.
34	21	G1_K	1.501E-02	0.66
34	23	G1_K	1.501E-02	0.66
34	144	G1_K	1.501E-02	0.66
34	141	G1_K	1.501E-02	0.66
34	21	G2_K	-1.724E-03	-6.343E-02
34	23	G2_K	-1.724E-03	-6.343E-02
34	144	G2_K	-1.724E-03	-6.343E-02
34	141	G2_K	-1.724E-03	-6.343E-02
34	21	Q_K	1.076E-02	0.41
34	23	Q_K	1.076E-02	0.41
34	144	Q_K	1.076E-02	0.41
34	141	Q_K	1.076E-02	0.41
34	21	N_K	1.292E-03	4.893E-02
34	23	N_K	1.292E-03	4.893E-02
34	144	N_K	1.292E-03	4.893E-02
34	141	N_K	1.292E-03	4.893E-02
34	21	T+_K	0.	0.
34	23	T+_K	0.	0.
34	144	T+_K	0.	0.
34	141	T+_K	0.	0.
34	21	T-_K	0.	0.
34	23	T-_K	0.	0.
34	144	T-_K	0.	0.
34	141	T-_K	0.	0.
34	21	G1_D	1.951E-02	0.86
34	23	G1_D	1.951E-02	0.86
34	144	G1_D	1.951E-02	0.86
34	141	G1_D	1.951E-02	0.86
34	21	G2_D	-2.241E-03	-8.246E-02
34	23	G2_D	-2.241E-03	-8.246E-02
34	144	G2_D	-2.241E-03	-8.246E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
34	141	G2_D	-2.241E-03	-8.246E-02
34	21	Q_D	1.615E-02	0.61
34	23	Q_D	1.615E-02	0.61
34	144	Q_D	1.615E-02	0.61
34	141	Q_D	1.615E-02	0.61
34	21	N_D	1.938E-03	7.340E-02
34	23	N_D	1.938E-03	7.340E-02
34	144	N_D	1.938E-03	7.340E-02
34	141	N_D	1.938E-03	7.340E-02
34	21	T+_D	0.	0.
34	23	T+_D	0.	0.
34	144	T+_D	0.	0.
34	141	T+_D	0.	0.
34	21	T-_D	0.	0.
34	23	T-_D	0.	0.
34	144	T-_D	0.	0.
34	141	T-_D	0.	0.
34	21	W+_K	0.	0.
34	23	W+_K	0.	0.
34	144	W+_K	0.	0.
34	141	W+_K	0.	0.
34	21	W-_K	0.	0.
34	23	W-_K	0.	0.
34	144	W-_K	0.	0.
34	141	W-_K	0.	0.
34	21	W+_D	0.	0.
34	23	W+_D	0.	0.
34	144	W+_D	0.	0.
34	141	W+_D	0.	0.
34	21	W-_D	0.	0.
34	23	W-_D	0.	0.
34	144	W-_D	0.	0.
34	141	W-_D	0.	0.
34	21	SISMA SLV X	4.046E-02	0.51
34	23	SISMA SLV X	4.046E-02	0.51
34	144	SISMA SLV X	4.046E-02	0.51
34	141	SISMA SLV X	4.046E-02	0.51
34	21	SISMA SLV Y	5.472E-02	1.06
34	23	SISMA SLV Y	5.472E-02	1.06
34	144	SISMA SLV Y	5.472E-02	1.06
34	141	SISMA SLV Y	5.472E-02	1.06
34	21	SISMA SLD X	1.976E-02	0.25
34	23	SISMA SLD X	1.976E-02	0.25
34	144	SISMA SLD X	1.976E-02	0.25
34	141	SISMA SLD X	1.976E-02	0.25
34	21	SISMA SLD Y	2.671E-02	0.52
34	23	SISMA SLD Y	2.671E-02	0.52
34	144	SISMA SLD Y	2.671E-02	0.52
34	141	SISMA SLD Y	2.671E-02	0.52
34	21	SISMA SLO X	1.635E-02	0.21
34	23	SISMA SLO X	1.635E-02	0.21
34	144	SISMA SLO X	1.635E-02	0.21
34	141	SISMA SLO X	1.635E-02	0.21
34	21	SISMA SLO Y	2.206E-02	0.43

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
34	23	SISMA SLO Y	2.206E-02	0.43
34	144	SISMA SLO Y	2.206E-02	0.43
34	141	SISMA SLO Y	2.206E-02	0.43
34	21	SLT	0.	0.
34	23	SLT	0.	0.
34	144	SLT	0.	0.
34	141	SLT	0.	0.
34	21	~TorsionSISMA SLV X	0.	0.
34	23	~TorsionSISMA SLV X	0.	0.
34	144	~TorsionSISMA SLV X	0.	0.
34	141	~TorsionSISMA SLV X	0.	0.
34	21	~TorsionSISMA SLV Y	0.	0.
34	23	~TorsionSISMA SLV Y	0.	0.
34	144	~TorsionSISMA SLV Y	0.	0.
34	141	~TorsionSISMA SLV Y	0.	0.
34	21	~TorsionSISMA SLD X	0.	0.
34	23	~TorsionSISMA SLD X	0.	0.
34	144	~TorsionSISMA SLD X	0.	0.
34	141	~TorsionSISMA SLD X	0.	0.
34	21	~TorsionSISMA SLD Y	0.	0.
34	23	~TorsionSISMA SLD Y	0.	0.
34	144	~TorsionSISMA SLD Y	0.	0.
34	141	~TorsionSISMA SLD Y	0.	0.
34	21	~TorsionSISMA SLO X	0.	0.
34	23	~TorsionSISMA SLO X	0.	0.
34	144	~TorsionSISMA SLO X	0.	0.
34	141	~TorsionSISMA SLO X	0.	0.
34	21	~TorsionSISMA SLO Y	0.	0.
34	23	~TorsionSISMA SLO Y	0.	0.
34	144	~TorsionSISMA SLO Y	0.	0.
34	141	~TorsionSISMA SLO Y	0.	0.
35	141	G1_K	4.819E-02	0.69
35	144	G1_K	4.819E-02	0.69
35	24	G1_K	4.819E-02	0.69
35	22	G1_K	4.819E-02	0.69

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
35	141	G2_K	4.242E-04	-5.841E-02
35	144	G2_K	4.242E-04	-5.841E-02
35	24	G2_K	4.242E-04	-5.841E-02
35	22	G2_K	4.242E-04	-5.841E-02
35	141	Q_K	3.348E-02	0.43
35	144	Q_K	3.348E-02	0.43
35	24	Q_K	3.348E-02	0.43
35	22	Q_K	3.348E-02	0.43
35	141	N_K	4.018E-03	5.141E-02
35	144	N_K	4.018E-03	5.141E-02
35	24	N_K	4.018E-03	5.141E-02
35	22	N_K	4.018E-03	5.141E-02
35	141	T+_K	0.	0.
35	144	T+_K	0.	0.
35	24	T+_K	0.	0.
35	22	T+_K	0.	0.
35	141	T-_K	0.	0.
35	144	T-_K	0.	0.
35	24	T-_K	0.	0.
35	22	T-_K	0.	0.
35	141	G1_D	6.265E-02	0.9
35	144	G1_D	6.265E-02	0.9
35	24	G1_D	6.265E-02	0.9
35	22	G1_D	6.265E-02	0.9
35	141	G2_D	5.514E-04	-7.593E-02
35	144	G2_D	5.514E-04	-7.593E-02
35	24	G2_D	5.514E-04	-7.593E-02
35	22	G2_D	5.514E-04	-7.593E-02
35	141	Q_D	5.023E-02	0.64
35	144	Q_D	5.023E-02	0.64
35	24	Q_D	5.023E-02	0.64
35	22	Q_D	5.023E-02	0.64
35	141	N_D	6.027E-03	7.711E-02
35	144	N_D	6.027E-03	7.711E-02
35	24	N_D	6.027E-03	7.711E-02
35	22	N_D	6.027E-03	7.711E-02
35	141	T+_D	0.	0.
35	144	T+_D	0.	0.
35	24	T+_D	0.	0.
35	22	T+_D	0.	0.
35	141	T-_D	0.	0.
35	144	T-_D	0.	0.
35	24	T-_D	0.	0.
35	22	T-_D	0.	0.
35	141	W+_K	0.	0.
35	144	W+_K	0.	0.
35	24	W+_K	0.	0.
35	22	W+_K	0.	0.
35	141	W-_K	0.	0.
35	144	W-_K	0.	0.
35	24	W-_K	0.	0.
35	22	W-_K	0.	0.
35	141	W+_D	0.	0.
35	144	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
35	24	W+_D	0.	0.
35	22	W+_D	0.	0.
35	141	W-_D	0.	0.
35	144	W-_D	0.	0.
35	24	W-_D	0.	0.
35	22	W-_D	0.	0.
35	141	SISMA SLV X	6.722E-02	0.33
35	144	SISMA SLV X	6.722E-02	0.33
35	24	SISMA SLV X	6.722E-02	0.33
35	22	SISMA SLV X	6.722E-02	0.33
35	141	SISMA SLV Y	8.640E-02	0.66
35	144	SISMA SLV Y	8.640E-02	0.66
35	24	SISMA SLV Y	8.640E-02	0.66
35	22	SISMA SLV Y	8.640E-02	0.66
35	141	SISMA SLD X	3.282E-02	0.16
35	144	SISMA SLD X	3.282E-02	0.16
35	24	SISMA SLD X	3.282E-02	0.16
35	22	SISMA SLD X	3.282E-02	0.16
35	141	SISMA SLD Y	4.218E-02	0.32
35	144	SISMA SLD Y	4.218E-02	0.32
35	24	SISMA SLD Y	4.218E-02	0.32
35	22	SISMA SLD Y	4.218E-02	0.32
35	141	SISMA SLO X	2.716E-02	0.13
35	144	SISMA SLO X	2.716E-02	0.13
35	24	SISMA SLO X	2.716E-02	0.13
35	22	SISMA SLO X	2.716E-02	0.13
35	141	SISMA SLO Y	3.485E-02	0.27
35	144	SISMA SLO Y	3.485E-02	0.27
35	24	SISMA SLO Y	3.485E-02	0.27
35	22	SISMA SLO Y	3.485E-02	0.27
35	141	SLT	0.	0.
35	144	SLT	0.	0.
35	24	SLT	0.	0.
35	22	SLT	0.	0.
35	141	~TorsionSISMA SLV X	0.	0.
35	144	~TorsionSISMA SLV X	0.	0.
35	24	~TorsionSISMA SLV X	0.	0.
35	22	~TorsionSISMA SLV X	0.	0.
35	141	~TorsionSISMA SLV Y	0.	0.
35	144	~TorsionSISMA SLV Y	0.	0.
35	24	~TorsionSISMA SLV Y	0.	0.
35	22	~TorsionSISMA SLV Y	0.	0.
35	141	~TorsionSISMA SLD X	0.	0.
35	144	~TorsionSISMA SLD X	0.	0.
35	24	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
35	22	~TorsionSISMA SLD X	0.	0.
35	141	~TorsionSISMA SLD Y	0.	0.
35	144	~TorsionSISMA SLD Y	0.	0.
35	24	~TorsionSISMA SLD Y	0.	0.
35	22	~TorsionSISMA SLD Y	0.	0.
35	141	~TorsionSISMA SLO X	0.	0.
35	144	~TorsionSISMA SLO X	0.	0.
35	24	~TorsionSISMA SLO X	0.	0.
35	22	~TorsionSISMA SLO X	0.	0.
35	141	~TorsionSISMA SLO Y	0.	0.
35	144	~TorsionSISMA SLO Y	0.	0.
35	24	~TorsionSISMA SLO Y	0.	0.
35	22	~TorsionSISMA SLO Y	0.	0.
36	22	G1_K	0.12	0.78
36	24	G1_K	0.12	0.78
36	145	G1_K	0.12	0.78
36	142	G1_K	0.12	0.78
36	22	G2_K	-2.083E-02	-6.053E-02
36	24	G2_K	-2.083E-02	-6.053E-02
36	145	G2_K	-2.083E-02	-6.053E-02
36	142	G2_K	-2.083E-02	-6.053E-02
36	22	Q_K	7.588E-02	0.49
36	24	Q_K	7.588E-02	0.49
36	145	Q_K	7.588E-02	0.49
36	142	Q_K	7.588E-02	0.49
36	22	N_K	9.106E-03	5.840E-02
36	24	N_K	9.106E-03	5.840E-02
36	145	N_K	9.106E-03	5.840E-02
36	142	N_K	9.106E-03	5.840E-02
36	22	T+_K	0.	0.
36	24	T+_K	0.	0.
36	145	T+_K	0.	0.
36	142	T+_K	0.	0.
36	22	T-_K	0.	0.
36	24	T-_K	0.	0.
36	145	T-_K	0.	0.
36	142	T-_K	0.	0.
36	22	G1_D	0.15	1.01
36	24	G1_D	0.15	1.01
36	145	G1_D	0.15	1.01
36	142	G1_D	0.15	1.01
36	22	G2_D	-2.708E-02	-7.869E-02
36	24	G2_D	-2.708E-02	-7.869E-02
36	145	G2_D	-2.708E-02	-7.869E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
36	142	G2_D	-2.708E-02	-7.869E-02
36	22	Q_D	0.11	0.73
36	24	Q_D	0.11	0.73
36	145	Q_D	0.11	0.73
36	142	Q_D	0.11	0.73
36	22	N_D	1.366E-02	8.759E-02
36	24	N_D	1.366E-02	8.759E-02
36	145	N_D	1.366E-02	8.759E-02
36	142	N_D	1.366E-02	8.759E-02
36	22	T+_D	0.	0.
36	24	T+_D	0.	0.
36	145	T+_D	0.	0.
36	142	T+_D	0.	0.
36	22	T-_D	0.	0.
36	24	T-_D	0.	0.
36	145	T-_D	0.	0.
36	142	T-_D	0.	0.
36	22	W+_K	0.	0.
36	24	W+_K	0.	0.
36	145	W+_K	0.	0.
36	142	W+_K	0.	0.
36	22	W-_K	0.	0.
36	24	W-_K	0.	0.
36	145	W-_K	0.	0.
36	142	W-_K	0.	0.
36	22	W+_D	0.	0.
36	24	W+_D	0.	0.
36	145	W+_D	0.	0.
36	142	W+_D	0.	0.
36	22	W-_D	0.	0.
36	24	W-_D	0.	0.
36	145	W-_D	0.	0.
36	142	W-_D	0.	0.
36	22	SISMA SLV X	7.498E-02	9.774E-02
36	24	SISMA SLV X	7.498E-02	9.774E-02
36	145	SISMA SLV X	7.498E-02	9.774E-02
36	142	SISMA SLV X	7.498E-02	9.774E-02
36	22	SISMA SLV Y	7.939E-02	0.15
36	24	SISMA SLV Y	7.939E-02	0.15
36	145	SISMA SLV Y	7.939E-02	0.15
36	142	SISMA SLV Y	7.939E-02	0.15
36	22	SISMA SLD X	3.662E-02	4.773E-02
36	24	SISMA SLD X	3.662E-02	4.773E-02
36	145	SISMA SLD X	3.662E-02	4.773E-02
36	142	SISMA SLD X	3.662E-02	4.773E-02
36	22	SISMA SLD Y	3.875E-02	7.171E-02
36	24	SISMA SLD Y	3.875E-02	7.171E-02
36	145	SISMA SLD Y	3.875E-02	7.171E-02
36	142	SISMA SLD Y	3.875E-02	7.171E-02
36	22	SISMA SLO X	3.031E-02	3.950E-02
36	24	SISMA SLO X	3.031E-02	3.950E-02
36	145	SISMA SLO X	3.031E-02	3.950E-02
36	142	SISMA SLO X	3.031E-02	3.950E-02
36	22	SISMA SLO Y	3.201E-02	5.918E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
36	24	SISMA SLO Y	3.201E-02	5.918E-02
36	145	SISMA SLO Y	3.201E-02	5.918E-02
36	142	SISMA SLO Y	3.201E-02	5.918E-02
36	22	SLT	0.	0.
36	24	SLT	0.	0.
36	145	SLT	0.	0.
36	142	SLT	0.	0.
36	22	~TorsionSISMA SLV X	0.	0.
36	24	~TorsionSISMA SLV X	0.	0.
36	145	~TorsionSISMA SLV X	0.	0.
36	142	~TorsionSISMA SLV X	0.	0.
36	22	~TorsionSISMA SLV Y	0.	0.
36	24	~TorsionSISMA SLV Y	0.	0.
36	145	~TorsionSISMA SLV Y	0.	0.
36	142	~TorsionSISMA SLV Y	0.	0.
36	22	~TorsionSISMA SLD X	0.	0.
36	24	~TorsionSISMA SLD X	0.	0.
36	145	~TorsionSISMA SLD X	0.	0.
36	142	~TorsionSISMA SLD X	0.	0.
36	22	~TorsionSISMA SLD Y	0.	0.
36	24	~TorsionSISMA SLD Y	0.	0.
36	145	~TorsionSISMA SLD Y	0.	0.
36	142	~TorsionSISMA SLD Y	0.	0.
36	22	~TorsionSISMA SLO X	0.	0.
36	24	~TorsionSISMA SLO X	0.	0.
36	145	~TorsionSISMA SLO X	0.	0.
36	142	~TorsionSISMA SLO X	0.	0.
36	22	~TorsionSISMA SLO Y	0.	0.
36	24	~TorsionSISMA SLO Y	0.	0.
36	145	~TorsionSISMA SLO Y	0.	0.
36	142	~TorsionSISMA SLO Y	0.	0.
37	109	G1_K	9.427E-02	0.48
37	101	G1_K	9.427E-02	0.48
37	25	G1_K	9.427E-02	0.48
37	26	G1_K	9.427E-02	0.48

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
37	109	G2_K	0.4	1.48
37	101	G2_K	0.4	1.48
37	25	G2_K	0.4	1.48
37	26	G2_K	0.4	1.48
37	109	Q_K	1.199E-02	6.702E-02
37	101	Q_K	1.199E-02	6.702E-02
37	25	Q_K	1.199E-02	6.702E-02
37	26	Q_K	1.199E-02	6.702E-02
37	109	N_K	1.439E-03	8.042E-03
37	101	N_K	1.439E-03	8.042E-03
37	25	N_K	1.439E-03	8.042E-03
37	26	N_K	1.439E-03	8.042E-03
37	109	T+_K	0.	0.
37	101	T+_K	0.	0.
37	25	T+_K	0.	0.
37	26	T+_K	0.	0.
37	109	T-_K	0.	0.
37	101	T-_K	0.	0.
37	25	T-_K	0.	0.
37	26	T-_K	0.	0.
37	109	G1_D	0.12	0.62
37	101	G1_D	0.12	0.62
37	25	G1_D	0.12	0.62
37	26	G1_D	0.12	0.62
37	109	G2_D	0.52	1.92
37	101	G2_D	0.52	1.92
37	25	G2_D	0.52	1.92
37	26	G2_D	0.52	1.92
37	109	Q_D	1.798E-02	0.1
37	101	Q_D	1.798E-02	0.1
37	25	Q_D	1.798E-02	0.1
37	26	Q_D	1.798E-02	0.1
37	109	N_D	2.158E-03	1.206E-02
37	101	N_D	2.158E-03	1.206E-02
37	25	N_D	2.158E-03	1.206E-02
37	26	N_D	2.158E-03	1.206E-02
37	109	T+_D	0.	0.
37	101	T+_D	0.	0.
37	25	T+_D	0.	0.
37	26	T+_D	0.	0.
37	109	T-_D	0.	0.
37	101	T-_D	0.	0.
37	25	T-_D	0.	0.
37	26	T-_D	0.	0.
37	109	W+_K	0.	0.
37	101	W+_K	0.	0.
37	25	W+_K	0.	0.
37	26	W+_K	0.	0.
37	109	W-_K	0.	0.
37	101	W-_K	0.	0.
37	25	W-_K	0.	0.
37	26	W-_K	0.	0.
37	109	W+_D	0.	0.
37	101	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
37	25	W+_D	0.	0.
37	26	W+_D	0.	0.
37	109	W-_D	0.	0.
37	101	W-_D	0.	0.
37	25	W-_D	0.	0.
37	26	W-_D	0.	0.
37	109	SISMA SLV X	5.548E-02	0.66
37	101	SISMA SLV X	5.548E-02	0.66
37	25	SISMA SLV X	5.548E-02	0.66
37	26	SISMA SLV X	5.548E-02	0.66
37	109	SISMA SLV Y	9.202E-02	1.
37	101	SISMA SLV Y	9.202E-02	1.
37	25	SISMA SLV Y	9.202E-02	1.
37	26	SISMA SLV Y	9.202E-02	1.
37	109	SISMA SLD X	2.710E-02	0.32
37	101	SISMA SLD X	2.710E-02	0.32
37	25	SISMA SLD X	2.710E-02	0.32
37	26	SISMA SLD X	2.710E-02	0.32
37	109	SISMA SLD Y	4.493E-02	0.49
37	101	SISMA SLD Y	4.493E-02	0.49
37	25	SISMA SLD Y	4.493E-02	0.49
37	26	SISMA SLD Y	4.493E-02	0.49
37	109	SISMA SLO X	2.244E-02	0.27
37	101	SISMA SLO X	2.244E-02	0.27
37	25	SISMA SLO X	2.244E-02	0.27
37	26	SISMA SLO X	2.244E-02	0.27
37	109	SISMA SLO Y	3.719E-02	0.4
37	101	SISMA SLO Y	3.719E-02	0.4
37	25	SISMA SLO Y	3.719E-02	0.4
37	26	SISMA SLO Y	3.719E-02	0.4
37	109	SLT	0.	0.
37	101	SLT	0.	0.
37	25	SLT	0.	0.
37	26	SLT	0.	0.
37	109	~TorsionSISMA SLV X	0.	0.
37	101	~TorsionSISMA SLV X	0.	0.
37	25	~TorsionSISMA SLV X	0.	0.
37	26	~TorsionSISMA SLV X	0.	0.
37	109	~TorsionSISMA SLV Y	0.	0.
37	101	~TorsionSISMA SLV Y	0.	0.
37	25	~TorsionSISMA SLV Y	0.	0.
37	26	~TorsionSISMA SLV Y	0.	0.
37	109	~TorsionSISMA SLD X	0.	0.
37	101	~TorsionSISMA SLD X	0.	0.
37	25	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
37	26	~TorsionSISMA SLD X	0.	0.
37	109	~TorsionSISMA SLD Y	0.	0.
37	101	~TorsionSISMA SLD Y	0.	0.
37	25	~TorsionSISMA SLD Y	0.	0.
37	26	~TorsionSISMA SLD Y	0.	0.
37	109	~TorsionSISMA SLO X	0.	0.
37	101	~TorsionSISMA SLO X	0.	0.
37	25	~TorsionSISMA SLO X	0.	0.
37	26	~TorsionSISMA SLO X	0.	0.
37	109	~TorsionSISMA SLO Y	0.	0.
37	101	~TorsionSISMA SLO Y	0.	0.
37	25	~TorsionSISMA SLO Y	0.	0.
37	26	~TorsionSISMA SLO Y	0.	0.
38	26	G1_K	0.12	-5.594E-02
38	25	G1_K	0.12	-5.594E-02
38	146	G1_K	0.12	-5.594E-02
38	147	G1_K	0.12	-5.594E-02
38	26	G2_K	0.14	1.03
38	25	G2_K	0.14	1.03
38	146	G2_K	0.14	1.03
38	147	G2_K	0.14	1.03
38	26	Q_K	1.829E-02	-2.048E-02
38	25	Q_K	1.829E-02	-2.048E-02
38	146	Q_K	1.829E-02	-2.048E-02
38	147	Q_K	1.829E-02	-2.048E-02
38	26	N_K	2.194E-03	-2.458E-03
38	25	N_K	2.194E-03	-2.458E-03
38	146	N_K	2.194E-03	-2.458E-03
38	147	N_K	2.194E-03	-2.458E-03
38	26	T+_K	0.	0.
38	25	T+_K	0.	0.
38	146	T+_K	0.	0.
38	147	T+_K	0.	0.
38	26	T-_K	0.	0.
38	25	T-_K	0.	0.
38	146	T-_K	0.	0.
38	147	T-_K	0.	0.
38	26	G1_D	0.16	-7.273E-02
38	25	G1_D	0.16	-7.273E-02
38	146	G1_D	0.16	-7.273E-02
38	147	G1_D	0.16	-7.273E-02
38	26	G2_D	0.18	1.34
38	25	G2_D	0.18	1.34
38	146	G2_D	0.18	1.34

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
38	147	G2_D	0.18	1.34
38	26	Q_D	2.743E-02	-3.072E-02
38	25	Q_D	2.743E-02	-3.072E-02
38	146	Q_D	2.743E-02	-3.072E-02
38	147	Q_D	2.743E-02	-3.072E-02
38	26	N_D	3.292E-03	-3.687E-03
38	25	N_D	3.292E-03	-3.687E-03
38	146	N_D	3.292E-03	-3.687E-03
38	147	N_D	3.292E-03	-3.687E-03
38	26	T+_D	0.	0.
38	25	T+_D	0.	0.
38	146	T+_D	0.	0.
38	147	T+_D	0.	0.
38	26	T-_D	0.	0.
38	25	T-_D	0.	0.
38	146	T-_D	0.	0.
38	147	T-_D	0.	0.
38	26	W+_K	0.	0.
38	25	W+_K	0.	0.
38	146	W+_K	0.	0.
38	147	W+_K	0.	0.
38	26	W-_K	0.	0.
38	25	W-_K	0.	0.
38	146	W-_K	0.	0.
38	147	W-_K	0.	0.
38	26	W+_D	0.	0.
38	25	W+_D	0.	0.
38	146	W+_D	0.	0.
38	147	W+_D	0.	0.
38	26	W-_D	0.	0.
38	25	W-_D	0.	0.
38	146	W-_D	0.	0.
38	147	W-_D	0.	0.
38	26	SISMA SLV X	4.921E-02	0.38
38	25	SISMA SLV X	4.921E-02	0.38
38	146	SISMA SLV X	4.921E-02	0.38
38	147	SISMA SLV X	4.921E-02	0.38
38	26	SISMA SLV Y	0.11	0.42
38	25	SISMA SLV Y	0.11	0.42
38	146	SISMA SLV Y	0.11	0.42
38	147	SISMA SLV Y	0.11	0.42
38	26	SISMA SLD X	2.403E-02	0.19
38	25	SISMA SLD X	2.403E-02	0.19
38	146	SISMA SLD X	2.403E-02	0.19
38	147	SISMA SLD X	2.403E-02	0.19
38	26	SISMA SLD Y	5.476E-02	0.21
38	25	SISMA SLD Y	5.476E-02	0.21
38	146	SISMA SLD Y	5.476E-02	0.21
38	147	SISMA SLD Y	5.476E-02	0.21
38	26	SISMA SLO X	1.987E-02	0.15
38	25	SISMA SLO X	1.987E-02	0.15
38	146	SISMA SLO X	1.987E-02	0.15
38	147	SISMA SLO X	1.987E-02	0.15
38	26	SISMA SLO Y	4.524E-02	0.17

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
38	25	SISMA SLO Y	4.524E-02	0.17
38	146	SISMA SLO Y	4.524E-02	0.17
38	147	SISMA SLO Y	4.524E-02	0.17
38	26	SLT	0.	0.
38	25	SLT	0.	0.
38	146	SLT	0.	0.
38	147	SLT	0.	0.
38	26	~TorsionSISMA SLV X	0.	0.
38	25	~TorsionSISMA SLV X	0.	0.
38	146	~TorsionSISMA SLV X	0.	0.
38	147	~TorsionSISMA SLV X	0.	0.
38	26	~TorsionSISMA SLV Y	0.	0.
38	25	~TorsionSISMA SLV Y	0.	0.
38	146	~TorsionSISMA SLV Y	0.	0.
38	147	~TorsionSISMA SLV Y	0.	0.
38	26	~TorsionSISMA SLD X	0.	0.
38	25	~TorsionSISMA SLD X	0.	0.
38	146	~TorsionSISMA SLD X	0.	0.
38	147	~TorsionSISMA SLD X	0.	0.
38	26	~TorsionSISMA SLD Y	0.	0.
38	25	~TorsionSISMA SLD Y	0.	0.
38	146	~TorsionSISMA SLD Y	0.	0.
38	147	~TorsionSISMA SLD Y	0.	0.
38	26	~TorsionSISMA SLO X	0.	0.
38	25	~TorsionSISMA SLO X	0.	0.
38	146	~TorsionSISMA SLO X	0.	0.
38	147	~TorsionSISMA SLO X	0.	0.
38	26	~TorsionSISMA SLO Y	0.	0.
38	25	~TorsionSISMA SLO Y	0.	0.
38	146	~TorsionSISMA SLO Y	0.	0.
38	147	~TorsionSISMA SLO Y	0.	0.
39	147	G1_K	-8.458E-02	-9.652E-02
39	146	G1_K	-8.458E-02	-9.652E-02
39	27	G1_K	-8.458E-02	-9.652E-02
39	28	G1_K	-8.458E-02	-9.652E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
39	147	G2_K	0.27	0.52
39	146	G2_K	0.27	0.52
39	27	G2_K	0.27	0.52
39	28	G2_K	0.27	0.52
39	147	Q_K	-6.224E-02	-3.917E-02
39	146	Q_K	-6.224E-02	-3.917E-02
39	27	Q_K	-6.224E-02	-3.917E-02
39	28	Q_K	-6.224E-02	-3.917E-02
39	147	N_K	-7.468E-03	-4.700E-03
39	146	N_K	-7.468E-03	-4.700E-03
39	27	N_K	-7.468E-03	-4.700E-03
39	28	N_K	-7.468E-03	-4.700E-03
39	147	T+_K	0.	0.
39	146	T+_K	0.	0.
39	27	T+_K	0.	0.
39	28	T+_K	0.	0.
39	147	T-_K	0.	0.
39	146	T-_K	0.	0.
39	27	T-_K	0.	0.
39	28	T-_K	0.	0.
39	147	G1_D	-0.11	-0.13
39	146	G1_D	-0.11	-0.13
39	27	G1_D	-0.11	-0.13
39	28	G1_D	-0.11	-0.13
39	147	G2_D	0.36	0.67
39	146	G2_D	0.36	0.67
39	27	G2_D	0.36	0.67
39	28	G2_D	0.36	0.67
39	147	Q_D	-9.336E-02	-5.875E-02
39	146	Q_D	-9.336E-02	-5.875E-02
39	27	Q_D	-9.336E-02	-5.875E-02
39	28	Q_D	-9.336E-02	-5.875E-02
39	147	N_D	-1.120E-02	-7.050E-03
39	146	N_D	-1.120E-02	-7.050E-03
39	27	N_D	-1.120E-02	-7.050E-03
39	28	N_D	-1.120E-02	-7.050E-03
39	147	T+_D	0.	0.
39	146	T+_D	0.	0.
39	27	T+_D	0.	0.
39	28	T+_D	0.	0.
39	147	T-_D	0.	0.
39	146	T-_D	0.	0.
39	27	T-_D	0.	0.
39	28	T-_D	0.	0.
39	147	W+_K	0.	0.
39	146	W+_K	0.	0.
39	27	W+_K	0.	0.
39	28	W+_K	0.	0.
39	147	W-_K	0.	0.
39	146	W-_K	0.	0.
39	27	W-_K	0.	0.
39	28	W-_K	0.	0.
39	147	W+_D	0.	0.
39	146	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
39	27	W+_D	0.	0.
39	28	W+_D	0.	0.
39	147	W-_D	0.	0.
39	146	W-_D	0.	0.
39	27	W-_D	0.	0.
39	28	W-_D	0.	0.
39	147	SISMA SLV X	6.903E-02	0.35
39	146	SISMA SLV X	6.903E-02	0.35
39	27	SISMA SLV X	6.903E-02	0.35
39	28	SISMA SLV X	6.903E-02	0.35
39	147	SISMA SLV Y	0.15	0.37
39	146	SISMA SLV Y	0.15	0.37
39	27	SISMA SLV Y	0.15	0.37
39	28	SISMA SLV Y	0.15	0.37
39	147	SISMA SLD X	3.371E-02	0.17
39	146	SISMA SLD X	3.371E-02	0.17
39	27	SISMA SLD X	3.371E-02	0.17
39	28	SISMA SLD X	3.371E-02	0.17
39	147	SISMA SLD Y	7.320E-02	0.18
39	146	SISMA SLD Y	7.320E-02	0.18
39	27	SISMA SLD Y	7.320E-02	0.18
39	28	SISMA SLD Y	7.320E-02	0.18
39	147	SISMA SLO X	2.788E-02	0.14
39	146	SISMA SLO X	2.788E-02	0.14
39	27	SISMA SLO X	2.788E-02	0.14
39	28	SISMA SLO X	2.788E-02	0.14
39	147	SISMA SLO Y	6.048E-02	0.15
39	146	SISMA SLO Y	6.048E-02	0.15
39	27	SISMA SLO Y	6.048E-02	0.15
39	28	SISMA SLO Y	6.048E-02	0.15
39	147	SLT	0.	0.
39	146	SLT	0.	0.
39	27	SLT	0.	0.
39	28	SLT	0.	0.
39	147	~TorsionSISMA SLV X	0.	0.
39	146	~TorsionSISMA SLV X	0.	0.
39	27	~TorsionSISMA SLV X	0.	0.
39	28	~TorsionSISMA SLV X	0.	0.
39	147	~TorsionSISMA SLV Y	0.	0.
39	146	~TorsionSISMA SLV Y	0.	0.
39	27	~TorsionSISMA SLV Y	0.	0.
39	28	~TorsionSISMA SLV Y	0.	0.
39	147	~TorsionSISMA SLD X	0.	0.
39	146	~TorsionSISMA SLD X	0.	0.
39	27	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
39	28	~TorsionSISMA SLD X	0.	0.
39	147	~TorsionSISMA SLD Y	0.	0.
39	146	~TorsionSISMA SLD Y	0.	0.
39	27	~TorsionSISMA SLD Y	0.	0.
39	28	~TorsionSISMA SLD Y	0.	0.
39	147	~TorsionSISMA SLO X	0.	0.
39	146	~TorsionSISMA SLO X	0.	0.
39	27	~TorsionSISMA SLO X	0.	0.
39	28	~TorsionSISMA SLO X	0.	0.
39	147	~TorsionSISMA SLO Y	0.	0.
39	146	~TorsionSISMA SLO Y	0.	0.
39	27	~TorsionSISMA SLO Y	0.	0.
39	28	~TorsionSISMA SLO Y	0.	0.
40	28	G1_K	-0.33	0.15
40	27	G1_K	-0.33	0.15
40	148	G1_K	-0.33	0.15
40	149	G1_K	-0.33	0.15
40	28	G2_K	0.38	-1.539E-03
40	27	G2_K	0.38	-1.539E-03
40	148	G2_K	0.38	-1.539E-03
40	149	G2_K	0.38	-1.539E-03
40	28	Q_K	-0.22	0.13
40	27	Q_K	-0.22	0.13
40	148	Q_K	-0.22	0.13
40	149	Q_K	-0.22	0.13
40	28	N_K	-2.654E-02	1.551E-02
40	27	N_K	-2.654E-02	1.551E-02
40	148	N_K	-2.654E-02	1.551E-02
40	149	N_K	-2.654E-02	1.551E-02
40	28	T+_K	0.	0.
40	27	T+_K	0.	0.
40	148	T+_K	0.	0.
40	149	T+_K	0.	0.
40	28	T-_K	0.	0.
40	27	T-_K	0.	0.
40	148	T-_K	0.	0.
40	149	T-_K	0.	0.
40	28	G1_D	-0.43	0.19
40	27	G1_D	-0.43	0.19
40	148	G1_D	-0.43	0.19
40	149	G1_D	-0.43	0.19
40	28	G2_D	0.49	-2.001E-03
40	27	G2_D	0.49	-2.001E-03
40	148	G2_D	0.49	-2.001E-03

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
40	149	G2_D	0.49	-2.001E-03
40	28	Q_D	-0.33	0.19
40	27	Q_D	-0.33	0.19
40	148	Q_D	-0.33	0.19
40	149	Q_D	-0.33	0.19
40	28	N_D	-3.982E-02	2.327E-02
40	27	N_D	-3.982E-02	2.327E-02
40	148	N_D	-3.982E-02	2.327E-02
40	149	N_D	-3.982E-02	2.327E-02
40	28	T+_D	0.	0.
40	27	T+_D	0.	0.
40	148	T+_D	0.	0.
40	149	T+_D	0.	0.
40	28	T-_D	0.	0.
40	27	T-_D	0.	0.
40	148	T-_D	0.	0.
40	149	T-_D	0.	0.
40	28	W+_K	0.	0.
40	27	W+_K	0.	0.
40	148	W+_K	0.	0.
40	149	W+_K	0.	0.
40	28	W-_K	0.	0.
40	27	W-_K	0.	0.
40	148	W-_K	0.	0.
40	149	W-_K	0.	0.
40	28	W+_D	0.	0.
40	27	W+_D	0.	0.
40	148	W+_D	0.	0.
40	149	W+_D	0.	0.
40	28	W-_D	0.	0.
40	27	W-_D	0.	0.
40	148	W-_D	0.	0.
40	149	W-_D	0.	0.
40	28	SISMA SLV X	0.12	0.33
40	27	SISMA SLV X	0.12	0.33
40	148	SISMA SLV X	0.12	0.33
40	149	SISMA SLV X	0.12	0.33
40	28	SISMA SLV Y	0.23	0.39
40	27	SISMA SLV Y	0.23	0.39
40	148	SISMA SLV Y	0.23	0.39
40	149	SISMA SLV Y	0.23	0.39
40	28	SISMA SLD X	5.729E-02	0.16
40	27	SISMA SLD X	5.729E-02	0.16
40	148	SISMA SLD X	5.729E-02	0.16
40	149	SISMA SLD X	5.729E-02	0.16
40	28	SISMA SLD Y	0.11	0.19
40	27	SISMA SLD Y	0.11	0.19
40	148	SISMA SLD Y	0.11	0.19
40	149	SISMA SLD Y	0.11	0.19
40	28	SISMA SLO X	4.743E-02	0.13
40	27	SISMA SLO X	4.743E-02	0.13
40	148	SISMA SLO X	4.743E-02	0.13
40	149	SISMA SLO X	4.743E-02	0.13
40	28	SISMA SLO Y	9.271E-02	0.16

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
40	27	SISMA SLO Y	9.271E-02	0.16
40	148	SISMA SLO Y	9.271E-02	0.16
40	149	SISMA SLO Y	9.271E-02	0.16
40	28	SLT	0.	0.
40	27	SLT	0.	0.
40	148	SLT	0.	0.
40	149	SLT	0.	0.
40	28	~TorsionSISMA SLV X	0.	0.
40	27	~TorsionSISMA SLV X	0.	0.
40	148	~TorsionSISMA SLV X	0.	0.
40	149	~TorsionSISMA SLV X	0.	0.
40	28	~TorsionSISMA SLV Y	0.	0.
40	27	~TorsionSISMA SLV Y	0.	0.
40	148	~TorsionSISMA SLV Y	0.	0.
40	149	~TorsionSISMA SLV Y	0.	0.
40	28	~TorsionSISMA SLD X	0.	0.
40	27	~TorsionSISMA SLD X	0.	0.
40	148	~TorsionSISMA SLD X	0.	0.
40	149	~TorsionSISMA SLD X	0.	0.
40	28	~TorsionSISMA SLD Y	0.	0.
40	27	~TorsionSISMA SLD Y	0.	0.
40	148	~TorsionSISMA SLD Y	0.	0.
40	149	~TorsionSISMA SLD Y	0.	0.
40	28	~TorsionSISMA SLO X	0.	0.
40	27	~TorsionSISMA SLO X	0.	0.
40	148	~TorsionSISMA SLO X	0.	0.
40	149	~TorsionSISMA SLO X	0.	0.
40	28	~TorsionSISMA SLO Y	0.	0.
40	27	~TorsionSISMA SLO Y	0.	0.
40	148	~TorsionSISMA SLO Y	0.	0.
40	149	~TorsionSISMA SLO Y	0.	0.
41	100	G1_K	-1.809E-02	0.45
41	161	G1_K	-1.809E-02	0.45
41	29	G1_K	-1.809E-02	0.45
41	30	G1_K	-1.809E-02	0.45

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
41	100	G2_K	-0.33	1.19
41	161	G2_K	-0.33	1.19
41	29	G2_K	-0.33	1.19
41	30	G2_K	-0.33	1.19
41	100	Q_K	7.603E-03	0.13
41	161	Q_K	7.603E-03	0.13
41	29	Q_K	7.603E-03	0.13
41	30	Q_K	7.603E-03	0.13
41	100	N_K	9.123E-04	1.606E-02
41	161	N_K	9.123E-04	1.606E-02
41	29	N_K	9.123E-04	1.606E-02
41	30	N_K	9.123E-04	1.606E-02
41	100	T+_K	0.	0.
41	161	T+_K	0.	0.
41	29	T+_K	0.	0.
41	30	T+_K	0.	0.
41	100	T-_K	0.	0.
41	161	T-_K	0.	0.
41	29	T-_K	0.	0.
41	30	T-_K	0.	0.
41	100	G1_D	-2.352E-02	0.59
41	161	G1_D	-2.352E-02	0.59
41	29	G1_D	-2.352E-02	0.59
41	30	G1_D	-2.352E-02	0.59
41	100	G2_D	-0.43	1.54
41	161	G2_D	-0.43	1.54
41	29	G2_D	-0.43	1.54
41	30	G2_D	-0.43	1.54
41	100	Q_D	1.140E-02	0.2
41	161	Q_D	1.140E-02	0.2
41	29	Q_D	1.140E-02	0.2
41	30	Q_D	1.140E-02	0.2
41	100	N_D	1.368E-03	2.408E-02
41	161	N_D	1.368E-03	2.408E-02
41	29	N_D	1.368E-03	2.408E-02
41	30	N_D	1.368E-03	2.408E-02
41	100	T+_D	0.	0.
41	161	T+_D	0.	0.
41	29	T+_D	0.	0.
41	30	T+_D	0.	0.
41	100	T-_D	0.	0.
41	161	T-_D	0.	0.
41	29	T-_D	0.	0.
41	30	T-_D	0.	0.
41	100	W+_K	0.	0.
41	161	W+_K	0.	0.
41	29	W+_K	0.	0.
41	30	W+_K	0.	0.
41	100	W-_K	0.	0.
41	161	W-_K	0.	0.
41	29	W-_K	0.	0.
41	30	W-_K	0.	0.
41	100	W+_D	0.	0.
41	161	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
41	29	W+_D	0.	0.
41	30	W+_D	0.	0.
41	100	W-_D	0.	0.
41	161	W-_D	0.	0.
41	29	W-_D	0.	0.
41	30	W-_D	0.	0.
41	100	SISMA SLV X	1.674E-02	0.44
41	161	SISMA SLV X	1.674E-02	0.44
41	29	SISMA SLV X	1.674E-02	0.44
41	30	SISMA SLV X	1.674E-02	0.44
41	100	SISMA SLV Y	2.361E-02	0.99
41	161	SISMA SLV Y	2.361E-02	0.99
41	29	SISMA SLV Y	2.361E-02	0.99
41	30	SISMA SLV Y	2.361E-02	0.99
41	100	SISMA SLD X	8.173E-03	0.22
41	161	SISMA SLD X	8.173E-03	0.22
41	29	SISMA SLD X	8.173E-03	0.22
41	30	SISMA SLD X	8.173E-03	0.22
41	100	SISMA SLD Y	1.153E-02	0.48
41	161	SISMA SLD Y	1.153E-02	0.48
41	29	SISMA SLD Y	1.153E-02	0.48
41	30	SISMA SLD Y	1.153E-02	0.48
41	100	SISMA SLO X	6.757E-03	0.18
41	161	SISMA SLO X	6.757E-03	0.18
41	29	SISMA SLO X	6.757E-03	0.18
41	30	SISMA SLO X	6.757E-03	0.18
41	100	SISMA SLO Y	9.536E-03	0.4
41	161	SISMA SLO Y	9.536E-03	0.4
41	29	SISMA SLO Y	9.536E-03	0.4
41	30	SISMA SLO Y	9.536E-03	0.4
41	100	SLT	0.	0.
41	161	SLT	0.	0.
41	29	SLT	0.	0.
41	30	SLT	0.	0.
41	100	~TorsionSISMA SLV X	0.	0.
41	161	~TorsionSISMA SLV X	0.	0.
41	29	~TorsionSISMA SLV X	0.	0.
41	30	~TorsionSISMA SLV X	0.	0.
41	100	~TorsionSISMA SLV Y	0.	0.
41	161	~TorsionSISMA SLV Y	0.	0.
41	29	~TorsionSISMA SLV Y	0.	0.
41	30	~TorsionSISMA SLV Y	0.	0.
41	100	~TorsionSISMA SLD X	0.	0.
41	161	~TorsionSISMA SLD X	0.	0.
41	29	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
41	30	~TorsionSISMA SLD X	0.	0.
41	100	~TorsionSISMA SLD Y	0.	0.
41	161	~TorsionSISMA SLD Y	0.	0.
41	29	~TorsionSISMA SLD Y	0.	0.
41	30	~TorsionSISMA SLD Y	0.	0.
41	100	~TorsionSISMA SLO X	0.	0.
41	161	~TorsionSISMA SLO X	0.	0.
41	29	~TorsionSISMA SLO X	0.	0.
41	30	~TorsionSISMA SLO X	0.	0.
41	100	~TorsionSISMA SLO Y	0.	0.
41	161	~TorsionSISMA SLO Y	0.	0.
41	29	~TorsionSISMA SLO Y	0.	0.
41	30	~TorsionSISMA SLO Y	0.	0.
42	30	G1_K	8.210E-02	5.324E-03
42	29	G1_K	8.210E-02	5.324E-03
42	162	G1_K	8.210E-02	5.324E-03
42	163	G1_K	8.210E-02	5.324E-03
42	30	G2_K	-0.43	1.32
42	29	G2_K	-0.43	1.32
42	162	G2_K	-0.43	1.32
42	163	G2_K	-0.43	1.32
42	30	Q_K	9.292E-02	1.294E-02
42	29	Q_K	9.292E-02	1.294E-02
42	162	Q_K	9.292E-02	1.294E-02
42	163	Q_K	9.292E-02	1.294E-02
42	30	N_K	1.115E-02	1.552E-03
42	29	N_K	1.115E-02	1.552E-03
42	162	N_K	1.115E-02	1.552E-03
42	163	N_K	1.115E-02	1.552E-03
42	30	T+_K	0.	0.
42	29	T+_K	0.	0.
42	162	T+_K	0.	0.
42	163	T+_K	0.	0.
42	30	T-_K	0.	0.
42	29	T-_K	0.	0.
42	162	T-_K	0.	0.
42	163	T-_K	0.	0.
42	30	G1_D	0.11	6.921E-03
42	29	G1_D	0.11	6.921E-03
42	162	G1_D	0.11	6.921E-03
42	163	G1_D	0.11	6.921E-03
42	30	G2_D	-0.56	1.72
42	29	G2_D	-0.56	1.72
42	162	G2_D	-0.56	1.72

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
42	163	G2_D	-0.56	1.72
42	30	Q_D	0.14	1.941E-02
42	29	Q_D	0.14	1.941E-02
42	162	Q_D	0.14	1.941E-02
42	163	Q_D	0.14	1.941E-02
42	30	N_D	1.673E-02	2.329E-03
42	29	N_D	1.673E-02	2.329E-03
42	162	N_D	1.673E-02	2.329E-03
42	163	N_D	1.673E-02	2.329E-03
42	30	T+_D	0.	0.
42	29	T+_D	0.	0.
42	162	T+_D	0.	0.
42	163	T+_D	0.	0.
42	30	T-_D	0.	0.
42	29	T-_D	0.	0.
42	162	T-_D	0.	0.
42	163	T-_D	0.	0.
42	30	W+_K	0.	0.
42	29	W+_K	0.	0.
42	162	W+_K	0.	0.
42	163	W+_K	0.	0.
42	30	W-_K	0.	0.
42	29	W-_K	0.	0.
42	162	W-_K	0.	0.
42	163	W-_K	0.	0.
42	30	W+_D	0.	0.
42	29	W+_D	0.	0.
42	162	W+_D	0.	0.
42	163	W+_D	0.	0.
42	30	W-_D	0.	0.
42	29	W-_D	0.	0.
42	162	W-_D	0.	0.
42	163	W-_D	0.	0.
42	30	SISMA SLV X	8.366E-02	0.27
42	29	SISMA SLV X	8.366E-02	0.27
42	162	SISMA SLV X	8.366E-02	0.27
42	163	SISMA SLV X	8.366E-02	0.27
42	30	SISMA SLV Y	0.13	0.51
42	29	SISMA SLV Y	0.13	0.51
42	162	SISMA SLV Y	0.13	0.51
42	163	SISMA SLV Y	0.13	0.51
42	30	SISMA SLD X	4.085E-02	0.13
42	29	SISMA SLD X	4.085E-02	0.13
42	162	SISMA SLD X	4.085E-02	0.13
42	163	SISMA SLD X	4.085E-02	0.13
42	30	SISMA SLD Y	6.536E-02	0.25
42	29	SISMA SLD Y	6.536E-02	0.25
42	162	SISMA SLD Y	6.536E-02	0.25
42	163	SISMA SLD Y	6.536E-02	0.25
42	30	SISMA SLO X	3.380E-02	0.11
42	29	SISMA SLO X	3.380E-02	0.11
42	162	SISMA SLO X	3.380E-02	0.11
42	163	SISMA SLO X	3.380E-02	0.11
42	30	SISMA SLO Y	5.409E-02	0.2

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
42	29	SISMA SLO Y	5.409E-02	0.2
42	162	SISMA SLO Y	5.409E-02	0.2
42	163	SISMA SLO Y	5.409E-02	0.2
42	30	SLT	0.	0.
42	29	SLT	0.	0.
42	162	SLT	0.	0.
42	163	SLT	0.	0.
42	30	~TorsionSISMA SLV X	0.	0.
42	29	~TorsionSISMA SLV X	0.	0.
42	162	~TorsionSISMA SLV X	0.	0.
42	163	~TorsionSISMA SLV X	0.	0.
42	30	~TorsionSISMA SLV Y	0.	0.
42	29	~TorsionSISMA SLV Y	0.	0.
42	162	~TorsionSISMA SLV Y	0.	0.
42	163	~TorsionSISMA SLV Y	0.	0.
42	30	~TorsionSISMA SLD X	0.	0.
42	29	~TorsionSISMA SLD X	0.	0.
42	162	~TorsionSISMA SLD X	0.	0.
42	163	~TorsionSISMA SLD X	0.	0.
42	30	~TorsionSISMA SLD Y	0.	0.
42	29	~TorsionSISMA SLD Y	0.	0.
42	162	~TorsionSISMA SLD Y	0.	0.
42	163	~TorsionSISMA SLD Y	0.	0.
42	30	~TorsionSISMA SLO X	0.	0.
42	29	~TorsionSISMA SLO X	0.	0.
42	162	~TorsionSISMA SLO X	0.	0.
42	163	~TorsionSISMA SLO X	0.	0.
42	30	~TorsionSISMA SLO Y	0.	0.
42	29	~TorsionSISMA SLO Y	0.	0.
42	162	~TorsionSISMA SLO Y	0.	0.
42	163	~TorsionSISMA SLO Y	0.	0.
43	163	G1_K	0.28	5.900E-02
43	162	G1_K	0.28	5.900E-02
43	31	G1_K	0.28	5.900E-02
43	32	G1_K	0.28	5.900E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
43	163	G2_K	-0.69	0.64
43	162	G2_K	-0.69	0.64
43	31	G2_K	-0.69	0.64
43	32	G2_K	-0.69	0.64
43	163	Q_K	0.2	5.034E-02
43	162	Q_K	0.2	5.034E-02
43	31	Q_K	0.2	5.034E-02
43	32	Q_K	0.2	5.034E-02
43	163	N_K	2.419E-02	6.041E-03
43	162	N_K	2.419E-02	6.041E-03
43	31	N_K	2.419E-02	6.041E-03
43	32	N_K	2.419E-02	6.041E-03
43	163	T+_K	0.	0.
43	162	T+_K	0.	0.
43	31	T+_K	0.	0.
43	32	T+_K	0.	0.
43	163	T-_K	0.	0.
43	162	T-_K	0.	0.
43	31	T-_K	0.	0.
43	32	T-_K	0.	0.
43	163	G1_D	0.36	7.670E-02
43	162	G1_D	0.36	7.670E-02
43	31	G1_D	0.36	7.670E-02
43	32	G1_D	0.36	7.670E-02
43	163	G2_D	-0.89	0.83
43	162	G2_D	-0.89	0.83
43	31	G2_D	-0.89	0.83
43	32	G2_D	-0.89	0.83
43	163	Q_D	0.3	7.551E-02
43	162	Q_D	0.3	7.551E-02
43	31	Q_D	0.3	7.551E-02
43	32	Q_D	0.3	7.551E-02
43	163	N_D	3.628E-02	9.061E-03
43	162	N_D	3.628E-02	9.061E-03
43	31	N_D	3.628E-02	9.061E-03
43	32	N_D	3.628E-02	9.061E-03
43	163	T+_D	0.	0.
43	162	T+_D	0.	0.
43	31	T+_D	0.	0.
43	32	T+_D	0.	0.
43	163	T-_D	0.	0.
43	162	T-_D	0.	0.
43	31	T-_D	0.	0.
43	32	T-_D	0.	0.
43	163	W+_K	0.	0.
43	162	W+_K	0.	0.
43	31	W+_K	0.	0.
43	32	W+_K	0.	0.
43	163	W-_K	0.	0.
43	162	W-_K	0.	0.
43	31	W-_K	0.	0.
43	32	W-_K	0.	0.
43	163	W+_D	0.	0.
43	162	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
43	31	W+_D	0.	0.
43	32	W+_D	0.	0.
43	163	W-_D	0.	0.
43	162	W-_D	0.	0.
43	31	W-_D	0.	0.
43	32	W-_D	0.	0.
43	163	SISMA SLV X	0.18	0.21
43	162	SISMA SLV X	0.18	0.21
43	31	SISMA SLV X	0.18	0.21
43	32	SISMA SLV X	0.18	0.21
43	163	SISMA SLV Y	0.32	0.37
43	162	SISMA SLV Y	0.32	0.37
43	31	SISMA SLV Y	0.32	0.37
43	32	SISMA SLV Y	0.32	0.37
43	163	SISMA SLD X	8.735E-02	0.1
43	162	SISMA SLD X	8.735E-02	0.1
43	31	SISMA SLD X	8.735E-02	0.1
43	32	SISMA SLD X	8.735E-02	0.1
43	163	SISMA SLD Y	0.16	0.18
43	162	SISMA SLD Y	0.16	0.18
43	31	SISMA SLD Y	0.16	0.18
43	32	SISMA SLD Y	0.16	0.18
43	163	SISMA SLO X	7.231E-02	8.563E-02
43	162	SISMA SLO X	7.231E-02	8.563E-02
43	31	SISMA SLO X	7.231E-02	8.563E-02
43	32	SISMA SLO X	7.231E-02	8.563E-02
43	163	SISMA SLO Y	0.13	0.15
43	162	SISMA SLO Y	0.13	0.15
43	31	SISMA SLO Y	0.13	0.15
43	32	SISMA SLO Y	0.13	0.15
43	163	SLT	0.	0.
43	162	SLT	0.	0.
43	31	SLT	0.	0.
43	32	SLT	0.	0.
43	163	~TorsionSISMA SLV X	0.	0.
43	162	~TorsionSISMA SLV X	0.	0.
43	31	~TorsionSISMA SLV X	0.	0.
43	32	~TorsionSISMA SLV X	0.	0.
43	163	~TorsionSISMA SLV Y	0.	0.
43	162	~TorsionSISMA SLV Y	0.	0.
43	31	~TorsionSISMA SLV Y	0.	0.
43	32	~TorsionSISMA SLV Y	0.	0.
43	163	~TorsionSISMA SLD X	0.	0.
43	162	~TorsionSISMA SLD X	0.	0.
43	31	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
43	32	~TorsionSISMA SLD X	0.	0.
43	163	~TorsionSISMA SLD Y	0.	0.
43	162	~TorsionSISMA SLD Y	0.	0.
43	31	~TorsionSISMA SLD Y	0.	0.
43	32	~TorsionSISMA SLD Y	0.	0.
43	163	~TorsionSISMA SLO X	0.	0.
43	162	~TorsionSISMA SLO X	0.	0.
43	31	~TorsionSISMA SLO X	0.	0.
43	32	~TorsionSISMA SLO X	0.	0.
43	163	~TorsionSISMA SLO Y	0.	0.
43	162	~TorsionSISMA SLO Y	0.	0.
43	31	~TorsionSISMA SLO Y	0.	0.
43	32	~TorsionSISMA SLO Y	0.	0.
44	32	G1_K	0.47	0.28
44	31	G1_K	0.47	0.28
44	164	G1_K	0.47	0.28
44	165	G1_K	0.47	0.28
44	32	G2_K	-0.82	-2.524E-02
44	31	G2_K	-0.82	-2.524E-02
44	164	G2_K	-0.82	-2.524E-02
44	165	G2_K	-0.82	-2.524E-02
44	32	Q_K	0.32	0.2
44	31	Q_K	0.32	0.2
44	164	Q_K	0.32	0.2
44	165	Q_K	0.32	0.2
44	32	N_K	3.861E-02	2.383E-02
44	31	N_K	3.861E-02	2.383E-02
44	164	N_K	3.861E-02	2.383E-02
44	165	N_K	3.861E-02	2.383E-02
44	32	T+_K	0.	0.
44	31	T+_K	0.	0.
44	164	T+_K	0.	0.
44	165	T+_K	0.	0.
44	32	T-_K	0.	0.
44	31	T-_K	0.	0.
44	164	T-_K	0.	0.
44	165	T-_K	0.	0.
44	32	G1_D	0.62	0.37
44	31	G1_D	0.62	0.37
44	164	G1_D	0.62	0.37
44	165	G1_D	0.62	0.37
44	32	G2_D	-1.06	-3.281E-02
44	31	G2_D	-1.06	-3.281E-02
44	164	G2_D	-1.06	-3.281E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
44	165	G2_D	-1.06	-3.281E-02
44	32	Q_D	0.48	0.3
44	31	Q_D	0.48	0.3
44	164	Q_D	0.48	0.3
44	165	Q_D	0.48	0.3
44	32	N_D	5.791E-02	3.575E-02
44	31	N_D	5.791E-02	3.575E-02
44	164	N_D	5.791E-02	3.575E-02
44	165	N_D	5.791E-02	3.575E-02
44	32	T+_D	0.	0.
44	31	T+_D	0.	0.
44	164	T+_D	0.	0.
44	165	T+_D	0.	0.
44	32	T-_D	0.	0.
44	31	T-_D	0.	0.
44	164	T-_D	0.	0.
44	165	T-_D	0.	0.
44	32	W+_K	0.	0.
44	31	W+_K	0.	0.
44	164	W+_K	0.	0.
44	165	W+_K	0.	0.
44	32	W-_K	0.	0.
44	31	W-_K	0.	0.
44	164	W-_K	0.	0.
44	165	W-_K	0.	0.
44	32	W+_D	0.	0.
44	31	W+_D	0.	0.
44	164	W+_D	0.	0.
44	165	W+_D	0.	0.
44	32	W-_D	0.	0.
44	31	W-_D	0.	0.
44	164	W-_D	0.	0.
44	165	W-_D	0.	0.
44	32	SISMA SLV X	0.23	0.16
44	31	SISMA SLV X	0.23	0.16
44	164	SISMA SLV X	0.23	0.16
44	165	SISMA SLV X	0.23	0.16
44	32	SISMA SLV Y	0.41	0.25
44	31	SISMA SLV Y	0.41	0.25
44	164	SISMA SLV Y	0.41	0.25
44	165	SISMA SLV Y	0.41	0.25
44	32	SISMA SLD X	0.11	7.829E-02
44	31	SISMA SLD X	0.11	7.829E-02
44	164	SISMA SLD X	0.11	7.829E-02
44	165	SISMA SLD X	0.11	7.829E-02
44	32	SISMA SLD Y	0.2	0.12
44	31	SISMA SLD Y	0.2	0.12
44	164	SISMA SLD Y	0.2	0.12
44	165	SISMA SLD Y	0.2	0.12
44	32	SISMA SLO X	9.283E-02	6.483E-02
44	31	SISMA SLO X	9.283E-02	6.483E-02
44	164	SISMA SLO X	9.283E-02	6.483E-02
44	165	SISMA SLO X	9.283E-02	6.483E-02
44	32	SISMA SLO Y	0.16	0.1

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
44	31	SISMA SLO Y	0.16	0.1
44	164	SISMA SLO Y	0.16	0.1
44	165	SISMA SLO Y	0.16	0.1
44	32	SLT	0.	0.
44	31	SLT	0.	0.
44	164	SLT	0.	0.
44	165	SLT	0.	0.
44	32	~TorsionSISMA SLV X	0.	0.
44	31	~TorsionSISMA SLV X	0.	0.
44	164	~TorsionSISMA SLV X	0.	0.
44	165	~TorsionSISMA SLV X	0.	0.
44	32	~TorsionSISMA SLV Y	0.	0.
44	31	~TorsionSISMA SLV Y	0.	0.
44	164	~TorsionSISMA SLV Y	0.	0.
44	165	~TorsionSISMA SLV Y	0.	0.
44	32	~TorsionSISMA SLD X	0.	0.
44	31	~TorsionSISMA SLD X	0.	0.
44	164	~TorsionSISMA SLD X	0.	0.
44	165	~TorsionSISMA SLD X	0.	0.
44	32	~TorsionSISMA SLD Y	0.	0.
44	31	~TorsionSISMA SLD Y	0.	0.
44	164	~TorsionSISMA SLD Y	0.	0.
44	165	~TorsionSISMA SLD Y	0.	0.
44	32	~TorsionSISMA SLO X	0.	0.
44	31	~TorsionSISMA SLO X	0.	0.
44	164	~TorsionSISMA SLO X	0.	0.
44	165	~TorsionSISMA SLO X	0.	0.
44	32	~TorsionSISMA SLO Y	0.	0.
44	31	~TorsionSISMA SLO Y	0.	0.
44	164	~TorsionSISMA SLO Y	0.	0.
44	165	~TorsionSISMA SLO Y	0.	0.
45	165	G1_K	0.56	0.88
45	164	G1_K	0.56	0.88
45	33	G1_K	0.56	0.88
45	34	G1_K	0.56	0.88

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
45	165	G2_K	-0.87	-0.67
45	164	G2_K	-0.87	-0.67
45	33	G2_K	-0.87	-0.67
45	34	G2_K	-0.87	-0.67
45	165	Q_K	0.37	0.58
45	164	Q_K	0.37	0.58
45	33	Q_K	0.37	0.58
45	34	Q_K	0.37	0.58
45	165	N_K	4.453E-02	6.957E-02
45	164	N_K	4.453E-02	6.957E-02
45	33	N_K	4.453E-02	6.957E-02
45	34	N_K	4.453E-02	6.957E-02
45	165	T+_K	0.	0.
45	164	T+_K	0.	0.
45	33	T+_K	0.	0.
45	34	T+_K	0.	0.
45	165	T-_K	0.	0.
45	164	T-_K	0.	0.
45	33	T-_K	0.	0.
45	34	T-_K	0.	0.
45	165	G1_D	0.73	1.14
45	164	G1_D	0.73	1.14
45	33	G1_D	0.73	1.14
45	34	G1_D	0.73	1.14
45	165	G2_D	-1.12	-0.87
45	164	G2_D	-1.12	-0.87
45	33	G2_D	-1.12	-0.87
45	34	G2_D	-1.12	-0.87
45	165	Q_D	0.56	0.87
45	164	Q_D	0.56	0.87
45	33	Q_D	0.56	0.87
45	34	Q_D	0.56	0.87
45	165	N_D	6.679E-02	0.1
45	164	N_D	6.679E-02	0.1
45	33	N_D	6.679E-02	0.1
45	34	N_D	6.679E-02	0.1
45	165	T+_D	0.	0.
45	164	T+_D	0.	0.
45	33	T+_D	0.	0.
45	34	T+_D	0.	0.
45	165	T-_D	0.	0.
45	164	T-_D	0.	0.
45	33	T-_D	0.	0.
45	34	T-_D	0.	0.
45	165	W+_K	0.	0.
45	164	W+_K	0.	0.
45	33	W+_K	0.	0.
45	34	W+_K	0.	0.
45	165	W-_K	0.	0.
45	164	W-_K	0.	0.
45	33	W-_K	0.	0.
45	34	W-_K	0.	0.
45	165	W+_D	0.	0.
45	164	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
45	33	W+_D	0.	0.
45	34	W+_D	0.	0.
45	165	W-_D	0.	0.
45	164	W-_D	0.	0.
45	33	W-_D	0.	0.
45	34	W-_D	0.	0.
45	165	SISMA SLV X	0.22	0.13
45	164	SISMA SLV X	0.22	0.13
45	33	SISMA SLV X	0.22	0.13
45	34	SISMA SLV X	0.22	0.13
45	165	SISMA SLV Y	0.35	0.12
45	164	SISMA SLV Y	0.35	0.12
45	33	SISMA SLV Y	0.35	0.12
45	34	SISMA SLV Y	0.35	0.12
45	165	SISMA SLD X	0.11	6.375E-02
45	164	SISMA SLD X	0.11	6.375E-02
45	33	SISMA SLD X	0.11	6.375E-02
45	34	SISMA SLD X	0.11	6.375E-02
45	165	SISMA SLD Y	0.17	5.696E-02
45	164	SISMA SLD Y	0.17	5.696E-02
45	33	SISMA SLD Y	0.17	5.696E-02
45	34	SISMA SLD Y	0.17	5.696E-02
45	165	SISMA SLO X	8.784E-02	5.280E-02
45	164	SISMA SLO X	8.784E-02	5.280E-02
45	33	SISMA SLO X	8.784E-02	5.280E-02
45	34	SISMA SLO X	8.784E-02	5.280E-02
45	165	SISMA SLO Y	0.14	4.714E-02
45	164	SISMA SLO Y	0.14	4.714E-02
45	33	SISMA SLO Y	0.14	4.714E-02
45	34	SISMA SLO Y	0.14	4.714E-02
45	165	SLT	0.	0.
45	164	SLT	0.	0.
45	33	SLT	0.	0.
45	34	SLT	0.	0.
45	165	~TorsionSISMA SLV X	0.	0.
45	164	~TorsionSISMA SLV X	0.	0.
45	33	~TorsionSISMA SLV X	0.	0.
45	34	~TorsionSISMA SLV X	0.	0.
45	165	~TorsionSISMA SLV Y	0.	0.
45	164	~TorsionSISMA SLV Y	0.	0.
45	33	~TorsionSISMA SLV Y	0.	0.
45	34	~TorsionSISMA SLV Y	0.	0.
45	165	~TorsionSISMA SLD X	0.	0.
45	164	~TorsionSISMA SLD X	0.	0.
45	33	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
45	34	~TorsionSISMA SLD X	0.	0.
45	165	~TorsionSISMA SLD Y	0.	0.
45	164	~TorsionSISMA SLD Y	0.	0.
45	33	~TorsionSISMA SLD Y	0.	0.
45	34	~TorsionSISMA SLD Y	0.	0.
45	165	~TorsionSISMA SLO X	0.	0.
45	164	~TorsionSISMA SLO X	0.	0.
45	33	~TorsionSISMA SLO X	0.	0.
45	34	~TorsionSISMA SLO X	0.	0.
45	165	~TorsionSISMA SLO Y	0.	0.
45	164	~TorsionSISMA SLO Y	0.	0.
45	33	~TorsionSISMA SLO Y	0.	0.
45	34	~TorsionSISMA SLO Y	0.	0.
46	34	G1_K	0.62	1.48
46	33	G1_K	0.62	1.48
46	119	G1_K	0.62	1.48
46	104	G1_K	0.62	1.48
46	34	G2_K	-0.91	-1.17
46	33	G2_K	-0.91	-1.17
46	119	G2_K	-0.91	-1.17
46	104	G2_K	-0.91	-1.17
46	34	Q_K	0.4	0.96
46	33	Q_K	0.4	0.96
46	119	Q_K	0.4	0.96
46	104	Q_K	0.4	0.96
46	34	N_K	4.851E-02	0.12
46	33	N_K	4.851E-02	0.12
46	119	N_K	4.851E-02	0.12
46	104	N_K	4.851E-02	0.12
46	34	T+_K	0.	0.
46	33	T+_K	0.	0.
46	119	T+_K	0.	0.
46	104	T+_K	0.	0.
46	34	T-_K	0.	0.
46	33	T-_K	0.	0.
46	119	T-_K	0.	0.
46	104	T-_K	0.	0.
46	34	G1_D	0.81	1.93
46	33	G1_D	0.81	1.93
46	119	G1_D	0.81	1.93
46	104	G1_D	0.81	1.93
46	34	G2_D	-1.18	-1.52
46	33	G2_D	-1.18	-1.52
46	119	G2_D	-1.18	-1.52

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
46	104	G2_D	-1.18	-1.52
46	34	Q_D	0.61	1.45
46	33	Q_D	0.61	1.45
46	119	Q_D	0.61	1.45
46	104	Q_D	0.61	1.45
46	34	N_D	7.277E-02	0.17
46	33	N_D	7.277E-02	0.17
46	119	N_D	7.277E-02	0.17
46	104	N_D	7.277E-02	0.17
46	34	T+_D	0.	0.
46	33	T+_D	0.	0.
46	119	T+_D	0.	0.
46	104	T+_D	0.	0.
46	34	T-_D	0.	0.
46	33	T-_D	0.	0.
46	119	T-_D	0.	0.
46	104	T-_D	0.	0.
46	34	W+_K	0.	0.
46	33	W+_K	0.	0.
46	119	W+_K	0.	0.
46	104	W+_K	0.	0.
46	34	W-_K	0.	0.
46	33	W-_K	0.	0.
46	119	W-_K	0.	0.
46	104	W-_K	0.	0.
46	34	W+_D	0.	0.
46	33	W+_D	0.	0.
46	119	W+_D	0.	0.
46	104	W+_D	0.	0.
46	34	W-_D	0.	0.
46	33	W-_D	0.	0.
46	119	W-_D	0.	0.
46	104	W-_D	0.	0.
46	34	SISMA SLV X	0.16	0.16
46	33	SISMA SLV X	0.16	0.16
46	119	SISMA SLV X	0.16	0.16
46	104	SISMA SLV X	0.16	0.16
46	34	SISMA SLV Y	0.16	0.18
46	33	SISMA SLV Y	0.16	0.18
46	119	SISMA SLV Y	0.16	0.18
46	104	SISMA SLV Y	0.16	0.18
46	34	SISMA SLD X	7.609E-02	8.056E-02
46	33	SISMA SLD X	7.609E-02	8.056E-02
46	119	SISMA SLD X	7.609E-02	8.056E-02
46	104	SISMA SLD X	7.609E-02	8.056E-02
46	34	SISMA SLD Y	7.809E-02	8.587E-02
46	33	SISMA SLD Y	7.809E-02	8.587E-02
46	119	SISMA SLD Y	7.809E-02	8.587E-02
46	104	SISMA SLD Y	7.809E-02	8.587E-02
46	34	SISMA SLO X	6.305E-02	6.672E-02
46	33	SISMA SLO X	6.305E-02	6.672E-02
46	119	SISMA SLO X	6.305E-02	6.672E-02
46	104	SISMA SLO X	6.305E-02	6.672E-02
46	34	SISMA SLO Y	6.468E-02	7.110E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
46	33	SISMA SLO Y	6.468E-02	7.110E-02
46	119	SISMA SLO Y	6.468E-02	7.110E-02
46	104	SISMA SLO Y	6.468E-02	7.110E-02
46	34	SLT	0.	0.
46	33	SLT	0.	0.
46	119	SLT	0.	0.
46	104	SLT	0.	0.
46	34	~TorsionSISMA SLV X	0.	0.
46	33	~TorsionSISMA SLV X	0.	0.
46	119	~TorsionSISMA SLV X	0.	0.
46	104	~TorsionSISMA SLV X	0.	0.
46	34	~TorsionSISMA SLV Y	0.	0.
46	33	~TorsionSISMA SLV Y	0.	0.
46	119	~TorsionSISMA SLV Y	0.	0.
46	104	~TorsionSISMA SLV Y	0.	0.
46	34	~TorsionSISMA SLD X	0.	0.
46	33	~TorsionSISMA SLD X	0.	0.
46	119	~TorsionSISMA SLD X	0.	0.
46	104	~TorsionSISMA SLD X	0.	0.
46	34	~TorsionSISMA SLD Y	0.	0.
46	33	~TorsionSISMA SLD Y	0.	0.
46	119	~TorsionSISMA SLD Y	0.	0.
46	104	~TorsionSISMA SLD Y	0.	0.
46	34	~TorsionSISMA SLO X	0.	0.
46	33	~TorsionSISMA SLO X	0.	0.
46	119	~TorsionSISMA SLO X	0.	0.
46	104	~TorsionSISMA SLO X	0.	0.
46	34	~TorsionSISMA SLO Y	0.	0.
46	33	~TorsionSISMA SLO Y	0.	0.
46	119	~TorsionSISMA SLO Y	0.	0.
46	104	~TorsionSISMA SLO Y	0.	0.
47	161	G1_K	-2.700E-03	0.57
47	166	G1_K	-2.700E-03	0.57
47	35	G1_K	-2.700E-03	0.57
47	29	G1_K	-2.700E-03	0.57

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
47	161	G2_K	4.980E-02	0.18
47	166	G2_K	4.980E-02	0.18
47	35	G2_K	4.980E-02	0.18
47	29	G2_K	4.980E-02	0.18
47	161	Q_K	-2.876E-03	0.34
47	166	Q_K	-2.876E-03	0.34
47	35	Q_K	-2.876E-03	0.34
47	29	Q_K	-2.876E-03	0.34
47	161	N_K	-3.452E-04	4.085E-02
47	166	N_K	-3.452E-04	4.085E-02
47	35	N_K	-3.452E-04	4.085E-02
47	29	N_K	-3.452E-04	4.085E-02
47	161	T+_K	0.	0.
47	166	T+_K	0.	0.
47	35	T+_K	0.	0.
47	29	T+_K	0.	0.
47	161	T-_K	0.	0.
47	166	T-_K	0.	0.
47	35	T-_K	0.	0.
47	29	T-_K	0.	0.
47	161	G1_D	-3.510E-03	0.75
47	166	G1_D	-3.510E-03	0.75
47	35	G1_D	-3.510E-03	0.75
47	29	G1_D	-3.510E-03	0.75
47	161	G2_D	6.474E-02	0.23
47	166	G2_D	6.474E-02	0.23
47	35	G2_D	6.474E-02	0.23
47	29	G2_D	6.474E-02	0.23
47	161	Q_D	-4.314E-03	0.51
47	166	Q_D	-4.314E-03	0.51
47	35	Q_D	-4.314E-03	0.51
47	29	Q_D	-4.314E-03	0.51
47	161	N_D	-5.177E-04	6.128E-02
47	166	N_D	-5.177E-04	6.128E-02
47	35	N_D	-5.177E-04	6.128E-02
47	29	N_D	-5.177E-04	6.128E-02
47	161	T+_D	0.	0.
47	166	T+_D	0.	0.
47	35	T+_D	0.	0.
47	29	T+_D	0.	0.
47	161	T-_D	0.	0.
47	166	T-_D	0.	0.
47	35	T-_D	0.	0.
47	29	T-_D	0.	0.
47	161	W+_K	0.	0.
47	166	W+_K	0.	0.
47	35	W+_K	0.	0.
47	29	W+_K	0.	0.
47	161	W-_K	0.	0.
47	166	W-_K	0.	0.
47	35	W-_K	0.	0.
47	29	W-_K	0.	0.
47	161	W+_D	0.	0.
47	166	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
47	35	W+_D	0.	0.
47	29	W+_D	0.	0.
47	161	W-_D	0.	0.
47	166	W-_D	0.	0.
47	35	W-_D	0.	0.
47	29	W-_D	0.	0.
47	161	SISMA SLV X	7.787E-03	0.56
47	166	SISMA SLV X	7.787E-03	0.56
47	35	SISMA SLV X	7.787E-03	0.56
47	29	SISMA SLV X	7.787E-03	0.56
47	161	SISMA SLV Y	9.185E-03	1.2
47	166	SISMA SLV Y	9.185E-03	1.2
47	35	SISMA SLV Y	9.185E-03	1.2
47	29	SISMA SLV Y	9.185E-03	1.2
47	161	SISMA SLD X	3.801E-03	0.27
47	166	SISMA SLD X	3.801E-03	0.27
47	35	SISMA SLD X	3.801E-03	0.27
47	29	SISMA SLD X	3.801E-03	0.27
47	161	SISMA SLD Y	4.483E-03	0.59
47	166	SISMA SLD Y	4.483E-03	0.59
47	35	SISMA SLD Y	4.483E-03	0.59
47	29	SISMA SLD Y	4.483E-03	0.59
47	161	SISMA SLO X	3.139E-03	0.23
47	166	SISMA SLO X	3.139E-03	0.23
47	35	SISMA SLO X	3.139E-03	0.23
47	29	SISMA SLO X	3.139E-03	0.23
47	161	SISMA SLO Y	3.698E-03	0.49
47	166	SISMA SLO Y	3.698E-03	0.49
47	35	SISMA SLO Y	3.698E-03	0.49
47	29	SISMA SLO Y	3.698E-03	0.49
47	161	SLT	0.	0.
47	166	SLT	0.	0.
47	35	SLT	0.	0.
47	29	SLT	0.	0.
47	161	~TorsionSISMA SLV X	0.	0.
47	166	~TorsionSISMA SLV X	0.	0.
47	35	~TorsionSISMA SLV X	0.	0.
47	29	~TorsionSISMA SLV X	0.	0.
47	161	~TorsionSISMA SLV Y	0.	0.
47	166	~TorsionSISMA SLV Y	0.	0.
47	35	~TorsionSISMA SLV Y	0.	0.
47	29	~TorsionSISMA SLV Y	0.	0.
47	161	~TorsionSISMA SLD X	0.	0.
47	166	~TorsionSISMA SLD X	0.	0.
47	35	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
47	29	~TorsionSISMA SLD X	0.	0.
47	161	~TorsionSISMA SLD Y	0.	0.
47	166	~TorsionSISMA SLD Y	0.	0.
47	35	~TorsionSISMA SLD Y	0.	0.
47	29	~TorsionSISMA SLD Y	0.	0.
47	161	~TorsionSISMA SLO X	0.	0.
47	166	~TorsionSISMA SLO X	0.	0.
47	35	~TorsionSISMA SLO X	0.	0.
47	29	~TorsionSISMA SLO X	0.	0.
47	161	~TorsionSISMA SLO Y	0.	0.
47	166	~TorsionSISMA SLO Y	0.	0.
47	35	~TorsionSISMA SLO Y	0.	0.
47	29	~TorsionSISMA SLO Y	0.	0.
48	29	G1_K	2.923E-02	0.6
48	35	G1_K	2.923E-02	0.6
48	167	G1_K	2.923E-02	0.6
48	162	G1_K	2.923E-02	0.6
48	29	G2_K	-0.16	5.733E-02
48	35	G2_K	-0.16	5.733E-02
48	167	G2_K	-0.16	5.733E-02
48	162	G2_K	-0.16	5.733E-02
48	29	Q_K	2.486E-02	0.36
48	35	Q_K	2.486E-02	0.36
48	167	Q_K	2.486E-02	0.36
48	162	Q_K	2.486E-02	0.36
48	29	N_K	2.983E-03	4.346E-02
48	35	N_K	2.983E-03	4.346E-02
48	167	N_K	2.983E-03	4.346E-02
48	162	N_K	2.983E-03	4.346E-02
48	29	T+_K	0.	0.
48	35	T+_K	0.	0.
48	167	T+_K	0.	0.
48	162	T+_K	0.	0.
48	29	T-_K	0.	0.
48	35	T-_K	0.	0.
48	167	T-_K	0.	0.
48	162	T-_K	0.	0.
48	29	G1_D	3.800E-02	0.78
48	35	G1_D	3.800E-02	0.78
48	167	G1_D	3.800E-02	0.78
48	162	G1_D	3.800E-02	0.78
48	29	G2_D	-0.21	7.453E-02
48	35	G2_D	-0.21	7.453E-02
48	167	G2_D	-0.21	7.453E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
48	162	G2_D	-0.21	7.453E-02
48	29	Q_D	3.729E-02	0.54
48	35	Q_D	3.729E-02	0.54
48	167	Q_D	3.729E-02	0.54
48	162	Q_D	3.729E-02	0.54
48	29	N_D	4.475E-03	6.519E-02
48	35	N_D	4.475E-03	6.519E-02
48	167	N_D	4.475E-03	6.519E-02
48	162	N_D	4.475E-03	6.519E-02
48	29	T+_D	0.	0.
48	35	T+_D	0.	0.
48	167	T+_D	0.	0.
48	162	T+_D	0.	0.
48	29	T-_D	0.	0.
48	35	T-_D	0.	0.
48	167	T-_D	0.	0.
48	162	T-_D	0.	0.
48	29	W+_K	0.	0.
48	35	W+_K	0.	0.
48	167	W+_K	0.	0.
48	162	W+_K	0.	0.
48	29	W-_K	0.	0.
48	35	W-_K	0.	0.
48	167	W-_K	0.	0.
48	162	W-_K	0.	0.
48	29	W+_D	0.	0.
48	35	W+_D	0.	0.
48	167	W+_D	0.	0.
48	162	W+_D	0.	0.
48	29	W-_D	0.	0.
48	35	W-_D	0.	0.
48	167	W-_D	0.	0.
48	162	W-_D	0.	0.
48	29	SISMA SLV X	4.791E-02	0.51
48	35	SISMA SLV X	4.791E-02	0.51
48	167	SISMA SLV X	4.791E-02	0.51
48	162	SISMA SLV X	4.791E-02	0.51
48	29	SISMA SLV Y	5.623E-02	1.08
48	35	SISMA SLV Y	5.623E-02	1.08
48	167	SISMA SLV Y	5.623E-02	1.08
48	162	SISMA SLV Y	5.623E-02	1.08
48	29	SISMA SLD X	2.339E-02	0.25
48	35	SISMA SLD X	2.339E-02	0.25
48	167	SISMA SLD X	2.339E-02	0.25
48	162	SISMA SLD X	2.339E-02	0.25
48	29	SISMA SLD Y	2.746E-02	0.53
48	35	SISMA SLD Y	2.746E-02	0.53
48	167	SISMA SLD Y	2.746E-02	0.53
48	162	SISMA SLD Y	2.746E-02	0.53
48	29	SISMA SLO X	1.935E-02	0.2
48	35	SISMA SLO X	1.935E-02	0.2
48	167	SISMA SLO X	1.935E-02	0.2
48	162	SISMA SLO X	1.935E-02	0.2
48	29	SISMA SLO Y	2.272E-02	0.44

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
48	35	SISMA SLO Y	2.272E-02	0.44
48	167	SISMA SLO Y	2.272E-02	0.44
48	162	SISMA SLO Y	2.272E-02	0.44
48	29	SLT	0.	0.
48	35	SLT	0.	0.
48	167	SLT	0.	0.
48	162	SLT	0.	0.
48	29	~TorsionSISMA SLV X	0.	0.
48	35	~TorsionSISMA SLV X	0.	0.
48	167	~TorsionSISMA SLV X	0.	0.
48	162	~TorsionSISMA SLV X	0.	0.
48	29	~TorsionSISMA SLV Y	0.	0.
48	35	~TorsionSISMA SLV Y	0.	0.
48	167	~TorsionSISMA SLV Y	0.	0.
48	162	~TorsionSISMA SLV Y	0.	0.
48	29	~TorsionSISMA SLD X	0.	0.
48	35	~TorsionSISMA SLD X	0.	0.
48	167	~TorsionSISMA SLD X	0.	0.
48	162	~TorsionSISMA SLD X	0.	0.
48	29	~TorsionSISMA SLD Y	0.	0.
48	35	~TorsionSISMA SLD Y	0.	0.
48	167	~TorsionSISMA SLD Y	0.	0.
48	162	~TorsionSISMA SLD Y	0.	0.
48	29	~TorsionSISMA SLO X	0.	0.
48	35	~TorsionSISMA SLO X	0.	0.
48	167	~TorsionSISMA SLO X	0.	0.
48	162	~TorsionSISMA SLO X	0.	0.
48	29	~TorsionSISMA SLO Y	0.	0.
48	35	~TorsionSISMA SLO Y	0.	0.
48	167	~TorsionSISMA SLO Y	0.	0.
48	162	~TorsionSISMA SLO Y	0.	0.
49	162	G1_K	8.370E-02	0.66
49	167	G1_K	8.370E-02	0.66
49	36	G1_K	8.370E-02	0.66
49	31	G1_K	8.370E-02	0.66

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
49	162	G2_K	-0.24	-4.358E-02
49	167	G2_K	-0.24	-4.358E-02
49	36	G2_K	-0.24	-4.358E-02
49	31	G2_K	-0.24	-4.358E-02
49	162	Q_K	5.812E-02	0.41
49	167	Q_K	5.812E-02	0.41
49	36	Q_K	5.812E-02	0.41
49	31	Q_K	5.812E-02	0.41
49	162	N_K	6.975E-03	4.902E-02
49	167	N_K	6.975E-03	4.902E-02
49	36	N_K	6.975E-03	4.902E-02
49	31	N_K	6.975E-03	4.902E-02
49	162	T+_K	0.	0.
49	167	T+_K	0.	0.
49	36	T+_K	0.	0.
49	31	T+_K	0.	0.
49	162	T-_K	0.	0.
49	167	T-_K	0.	0.
49	36	T-_K	0.	0.
49	31	T-_K	0.	0.
49	162	G1_D	0.11	0.85
49	167	G1_D	0.11	0.85
49	36	G1_D	0.11	0.85
49	31	G1_D	0.11	0.85
49	162	G2_D	-0.31	-5.666E-02
49	167	G2_D	-0.31	-5.666E-02
49	36	G2_D	-0.31	-5.666E-02
49	31	G2_D	-0.31	-5.666E-02
49	162	Q_D	8.718E-02	0.61
49	167	Q_D	8.718E-02	0.61
49	36	Q_D	8.718E-02	0.61
49	31	Q_D	8.718E-02	0.61
49	162	N_D	1.046E-02	7.353E-02
49	167	N_D	1.046E-02	7.353E-02
49	36	N_D	1.046E-02	7.353E-02
49	31	N_D	1.046E-02	7.353E-02
49	162	T+_D	0.	0.
49	167	T+_D	0.	0.
49	36	T+_D	0.	0.
49	31	T+_D	0.	0.
49	162	T-_D	0.	0.
49	167	T-_D	0.	0.
49	36	T-_D	0.	0.
49	31	T-_D	0.	0.
49	162	W+_K	0.	0.
49	167	W+_K	0.	0.
49	36	W+_K	0.	0.
49	31	W+_K	0.	0.
49	162	W-_K	0.	0.
49	167	W-_K	0.	0.
49	36	W-_K	0.	0.
49	31	W-_K	0.	0.
49	162	W+_D	0.	0.
49	167	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
49	36	W+_D	0.	0.
49	31	W+_D	0.	0.
49	162	W-_D	0.	0.
49	167	W-_D	0.	0.
49	36	W-_D	0.	0.
49	31	W-_D	0.	0.
49	162	SISMA SLV X	8.212E-02	0.36
49	167	SISMA SLV X	8.212E-02	0.36
49	36	SISMA SLV X	8.212E-02	0.36
49	31	SISMA SLV X	8.212E-02	0.36
49	162	SISMA SLV Y	0.11	0.75
49	167	SISMA SLV Y	0.11	0.75
49	36	SISMA SLV Y	0.11	0.75
49	31	SISMA SLV Y	0.11	0.75
49	162	SISMA SLD X	4.010E-02	0.17
49	167	SISMA SLD X	4.010E-02	0.17
49	36	SISMA SLD X	4.010E-02	0.17
49	31	SISMA SLD X	4.010E-02	0.17
49	162	SISMA SLD Y	5.167E-02	0.37
49	167	SISMA SLD Y	5.167E-02	0.37
49	36	SISMA SLD Y	5.167E-02	0.37
49	31	SISMA SLD Y	5.167E-02	0.37
49	162	SISMA SLO X	3.317E-02	0.14
49	167	SISMA SLO X	3.317E-02	0.14
49	36	SISMA SLO X	3.317E-02	0.14
49	31	SISMA SLO X	3.317E-02	0.14
49	162	SISMA SLO Y	4.276E-02	0.31
49	167	SISMA SLO Y	4.276E-02	0.31
49	36	SISMA SLO Y	4.276E-02	0.31
49	31	SISMA SLO Y	4.276E-02	0.31
49	162	SLT	0.	0.
49	167	SLT	0.	0.
49	36	SLT	0.	0.
49	31	SLT	0.	0.
49	162	~TorsionSISMA SLV X	0.	0.
49	167	~TorsionSISMA SLV X	0.	0.
49	36	~TorsionSISMA SLV X	0.	0.
49	31	~TorsionSISMA SLV X	0.	0.
49	162	~TorsionSISMA SLV Y	0.	0.
49	167	~TorsionSISMA SLV Y	0.	0.
49	36	~TorsionSISMA SLV Y	0.	0.
49	31	~TorsionSISMA SLV Y	0.	0.
49	162	~TorsionSISMA SLD X	0.	0.
49	167	~TorsionSISMA SLD X	0.	0.
49	36	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
49	31	~TorsionSISMA SLD X	0.	0.
49	162	~TorsionSISMA SLD Y	0.	0.
49	167	~TorsionSISMA SLD Y	0.	0.
49	36	~TorsionSISMA SLD Y	0.	0.
49	31	~TorsionSISMA SLD Y	0.	0.
49	162	~TorsionSISMA SLO X	0.	0.
49	167	~TorsionSISMA SLO X	0.	0.
49	36	~TorsionSISMA SLO X	0.	0.
49	31	~TorsionSISMA SLO X	0.	0.
49	162	~TorsionSISMA SLO Y	0.	0.
49	167	~TorsionSISMA SLO Y	0.	0.
49	36	~TorsionSISMA SLO Y	0.	0.
49	31	~TorsionSISMA SLO Y	0.	0.
50	31	G1_K	0.12	0.78
50	36	G1_K	0.12	0.78
50	168	G1_K	0.12	0.78
50	164	G1_K	0.12	0.78
50	31	G2_K	-0.28	-0.2
50	36	G2_K	-0.28	-0.2
50	168	G2_K	-0.28	-0.2
50	164	G2_K	-0.28	-0.2
50	31	Q_K	7.933E-02	0.49
50	36	Q_K	7.933E-02	0.49
50	168	Q_K	7.933E-02	0.49
50	164	Q_K	7.933E-02	0.49
50	31	N_K	9.519E-03	5.922E-02
50	36	N_K	9.519E-03	5.922E-02
50	168	N_K	9.519E-03	5.922E-02
50	164	N_K	9.519E-03	5.922E-02
50	31	T+_K	0.	0.
50	36	T+_K	0.	0.
50	168	T+_K	0.	0.
50	164	T+_K	0.	0.
50	31	T-_K	0.	0.
50	36	T-_K	0.	0.
50	168	T-_K	0.	0.
50	164	T-_K	0.	0.
50	31	G1_D	0.15	1.01
50	36	G1_D	0.15	1.01
50	168	G1_D	0.15	1.01
50	164	G1_D	0.15	1.01
50	31	G2_D	-0.36	-0.26
50	36	G2_D	-0.36	-0.26
50	168	G2_D	-0.36	-0.26

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
50	164	G2_D	-0.36	-0.26
50	31	Q_D	0.12	0.74
50	36	Q_D	0.12	0.74
50	168	Q_D	0.12	0.74
50	164	Q_D	0.12	0.74
50	31	N_D	1.428E-02	8.883E-02
50	36	N_D	1.428E-02	8.883E-02
50	168	N_D	1.428E-02	8.883E-02
50	164	N_D	1.428E-02	8.883E-02
50	31	T+_D	0.	0.
50	36	T+_D	0.	0.
50	168	T+_D	0.	0.
50	164	T+_D	0.	0.
50	31	T-_D	0.	0.
50	36	T-_D	0.	0.
50	168	T-_D	0.	0.
50	164	T-_D	0.	0.
50	31	W+_K	0.	0.
50	36	W+_K	0.	0.
50	168	W+_K	0.	0.
50	164	W+_K	0.	0.
50	31	W-_K	0.	0.
50	36	W-_K	0.	0.
50	168	W-_K	0.	0.
50	164	W-_K	0.	0.
50	31	W+_D	0.	0.
50	36	W+_D	0.	0.
50	168	W+_D	0.	0.
50	164	W+_D	0.	0.
50	31	W-_D	0.	0.
50	36	W-_D	0.	0.
50	168	W-_D	0.	0.
50	164	W-_D	0.	0.
50	31	SISMA SLV X	9.926E-02	0.16
50	36	SISMA SLV X	9.926E-02	0.16
50	168	SISMA SLV X	9.926E-02	0.16
50	164	SISMA SLV X	9.926E-02	0.16
50	31	SISMA SLV Y	0.13	0.31
50	36	SISMA SLV Y	0.13	0.31
50	168	SISMA SLV Y	0.13	0.31
50	164	SISMA SLV Y	0.13	0.31
50	31	SISMA SLD X	4.847E-02	7.596E-02
50	36	SISMA SLD X	4.847E-02	7.596E-02
50	168	SISMA SLD X	4.847E-02	7.596E-02
50	164	SISMA SLD X	4.847E-02	7.596E-02
50	31	SISMA SLD Y	6.229E-02	0.15
50	36	SISMA SLD Y	6.229E-02	0.15
50	168	SISMA SLD Y	6.229E-02	0.15
50	164	SISMA SLD Y	6.229E-02	0.15
50	31	SISMA SLO X	4.010E-02	6.288E-02
50	36	SISMA SLO X	4.010E-02	6.288E-02
50	168	SISMA SLO X	4.010E-02	6.288E-02
50	164	SISMA SLO X	4.010E-02	6.288E-02
50	31	SISMA SLO Y	5.153E-02	0.12

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
50	36	SISMA SLO Y	5.153E-02	0.12
50	168	SISMA SLO Y	5.153E-02	0.12
50	164	SISMA SLO Y	5.153E-02	0.12
50	31	SLT	0.	0.
50	36	SLT	0.	0.
50	168	SLT	0.	0.
50	164	SLT	0.	0.
50	31	~TorsionSISMA SLV X	0.	0.
50	36	~TorsionSISMA SLV X	0.	0.
50	168	~TorsionSISMA SLV X	0.	0.
50	164	~TorsionSISMA SLV X	0.	0.
50	31	~TorsionSISMA SLV Y	0.	0.
50	36	~TorsionSISMA SLV Y	0.	0.
50	168	~TorsionSISMA SLV Y	0.	0.
50	164	~TorsionSISMA SLV Y	0.	0.
50	31	~TorsionSISMA SLD X	0.	0.
50	36	~TorsionSISMA SLD X	0.	0.
50	168	~TorsionSISMA SLD X	0.	0.
50	164	~TorsionSISMA SLD X	0.	0.
50	31	~TorsionSISMA SLD Y	0.	0.
50	36	~TorsionSISMA SLD Y	0.	0.
50	168	~TorsionSISMA SLD Y	0.	0.
50	164	~TorsionSISMA SLD Y	0.	0.
50	31	~TorsionSISMA SLO X	0.	0.
50	36	~TorsionSISMA SLO X	0.	0.
50	168	~TorsionSISMA SLO X	0.	0.
50	164	~TorsionSISMA SLO X	0.	0.
50	31	~TorsionSISMA SLO Y	0.	0.
50	36	~TorsionSISMA SLO Y	0.	0.
50	168	~TorsionSISMA SLO Y	0.	0.
50	164	~TorsionSISMA SLO Y	0.	0.
51	164	G1_K	0.2	0.93
51	168	G1_K	0.2	0.93
51	37	G1_K	0.2	0.93
51	33	G1_K	0.2	0.93

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
51	164	G2_K	-0.28	-0.38
51	168	G2_K	-0.28	-0.38
51	37	G2_K	-0.28	-0.38
51	33	G2_K	-0.28	-0.38
51	164	Q_K	0.13	0.59
51	168	Q_K	0.13	0.59
51	37	Q_K	0.13	0.59
51	33	Q_K	0.13	0.59
51	164	N_K	1.594E-02	7.135E-02
51	168	N_K	1.594E-02	7.135E-02
51	37	N_K	1.594E-02	7.135E-02
51	33	N_K	1.594E-02	7.135E-02
51	164	T+_K	0.	0.
51	168	T+_K	0.	0.
51	37	T+_K	0.	0.
51	33	T+_K	0.	0.
51	164	T-_K	0.	0.
51	168	T-_K	0.	0.
51	37	T-_K	0.	0.
51	33	T-_K	0.	0.
51	164	G1_D	0.26	1.21
51	168	G1_D	0.26	1.21
51	37	G1_D	0.26	1.21
51	33	G1_D	0.26	1.21
51	164	G2_D	-0.36	-0.49
51	168	G2_D	-0.36	-0.49
51	37	G2_D	-0.36	-0.49
51	33	G2_D	-0.36	-0.49
51	164	Q_D	0.2	0.89
51	168	Q_D	0.2	0.89
51	37	Q_D	0.2	0.89
51	33	Q_D	0.2	0.89
51	164	N_D	2.391E-02	0.11
51	168	N_D	2.391E-02	0.11
51	37	N_D	2.391E-02	0.11
51	33	N_D	2.391E-02	0.11
51	164	T+_D	0.	0.
51	168	T+_D	0.	0.
51	37	T+_D	0.	0.
51	33	T+_D	0.	0.
51	164	T-_D	0.	0.
51	168	T-_D	0.	0.
51	37	T-_D	0.	0.
51	33	T-_D	0.	0.
51	164	W+_K	0.	0.
51	168	W+_K	0.	0.
51	37	W+_K	0.	0.
51	33	W+_K	0.	0.
51	164	W-_K	0.	0.
51	168	W-_K	0.	0.
51	37	W-_K	0.	0.
51	33	W-_K	0.	0.
51	164	W+_D	0.	0.
51	168	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
51	37	W+_D	0.	0.
51	33	W+_D	0.	0.
51	164	W-_D	0.	0.
51	168	W-_D	0.	0.
51	37	W-_D	0.	0.
51	33	W-_D	0.	0.
51	164	SISMA SLV X	9.184E-02	0.19
51	168	SISMA SLV X	9.184E-02	0.19
51	37	SISMA SLV X	9.184E-02	0.19
51	33	SISMA SLV X	9.184E-02	0.19
51	164	SISMA SLV Y	0.11	0.36
51	168	SISMA SLV Y	0.11	0.36
51	37	SISMA SLV Y	0.11	0.36
51	33	SISMA SLV Y	0.11	0.36
51	164	SISMA SLD X	4.485E-02	9.045E-02
51	168	SISMA SLD X	4.485E-02	9.045E-02
51	37	SISMA SLD X	4.485E-02	9.045E-02
51	33	SISMA SLD X	4.485E-02	9.045E-02
51	164	SISMA SLD Y	5.226E-02	0.18
51	168	SISMA SLD Y	5.226E-02	0.18
51	37	SISMA SLD Y	5.226E-02	0.18
51	33	SISMA SLD Y	5.226E-02	0.18
51	164	SISMA SLO X	3.711E-02	7.484E-02
51	168	SISMA SLO X	3.711E-02	7.484E-02
51	37	SISMA SLO X	3.711E-02	7.484E-02
51	33	SISMA SLO X	3.711E-02	7.484E-02
51	164	SISMA SLO Y	4.321E-02	0.15
51	168	SISMA SLO Y	4.321E-02	0.15
51	37	SISMA SLO Y	4.321E-02	0.15
51	33	SISMA SLO Y	4.321E-02	0.15
51	164	SLT	0.	0.
51	168	SLT	0.	0.
51	37	SLT	0.	0.
51	33	SLT	0.	0.
51	164	~TorsionSISMA SLV X	0.	0.
51	168	~TorsionSISMA SLV X	0.	0.
51	37	~TorsionSISMA SLV X	0.	0.
51	33	~TorsionSISMA SLV X	0.	0.
51	164	~TorsionSISMA SLV Y	0.	0.
51	168	~TorsionSISMA SLV Y	0.	0.
51	37	~TorsionSISMA SLV Y	0.	0.
51	33	~TorsionSISMA SLV Y	0.	0.
51	164	~TorsionSISMA SLD X	0.	0.
51	168	~TorsionSISMA SLD X	0.	0.
51	37	~TorsionSISMA SLD X	0.	0.

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
51	33	~TorsionSISMA SLD X	0.	0.
51	164	~TorsionSISMA SLD Y	0.	0.
51	168	~TorsionSISMA SLD Y	0.	0.
51	37	~TorsionSISMA SLD Y	0.	0.
51	33	~TorsionSISMA SLD Y	0.	0.
51	164	~TorsionSISMA SLO X	0.	0.
51	168	~TorsionSISMA SLO X	0.	0.
51	37	~TorsionSISMA SLO X	0.	0.
51	33	~TorsionSISMA SLO X	0.	0.
51	164	~TorsionSISMA SLO Y	0.	0.
51	168	~TorsionSISMA SLO Y	0.	0.
51	37	~TorsionSISMA SLO Y	0.	0.
51	33	~TorsionSISMA SLO Y	0.	0.
52	33	G1_K	0.3	1.11
52	37	G1_K	0.3	1.11
52	117	G1_K	0.3	1.11
52	119	G1_K	0.3	1.11
52	33	G2_K	-0.18	-0.6
52	37	G2_K	-0.18	-0.6
52	117	G2_K	-0.18	-0.6
52	119	G2_K	-0.18	-0.6
52	33	Q_K	0.2	0.72
52	37	Q_K	0.2	0.72
52	117	Q_K	0.2	0.72
52	119	Q_K	0.2	0.72
52	33	N_K	2.354E-02	8.590E-02
52	37	N_K	2.354E-02	8.590E-02
52	117	N_K	2.354E-02	8.590E-02
52	119	N_K	2.354E-02	8.590E-02
52	33	T+_K	0.	0.
52	37	T+_K	0.	0.
52	117	T+_K	0.	0.
52	119	T+_K	0.	0.
52	33	T-_K	0.	0.
52	37	T-_K	0.	0.
52	117	T-_K	0.	0.
52	119	T-_K	0.	0.
52	33	G1_D	0.4	1.45
52	37	G1_D	0.4	1.45
52	117	G1_D	0.4	1.45
52	119	G1_D	0.4	1.45
52	33	G2_D	-0.23	-0.79
52	37	G2_D	-0.23	-0.79
52	117	G2_D	-0.23	-0.79

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
52	119	G2_D	-0.23	-0.79
52	33	Q_D	0.29	1.07
52	37	Q_D	0.29	1.07
52	117	Q_D	0.29	1.07
52	119	Q_D	0.29	1.07
52	33	N_D	3.531E-02	0.13
52	37	N_D	3.531E-02	0.13
52	117	N_D	3.531E-02	0.13
52	119	N_D	3.531E-02	0.13
52	33	T+_D	0.	0.
52	37	T+_D	0.	0.
52	117	T+_D	0.	0.
52	119	T+_D	0.	0.
52	33	T-_D	0.	0.
52	37	T-_D	0.	0.
52	117	T-_D	0.	0.
52	119	T-_D	0.	0.
52	33	W+_K	0.	0.
52	37	W+_K	0.	0.
52	117	W+_K	0.	0.
52	119	W+_K	0.	0.
52	33	W-_K	0.	0.
52	37	W-_K	0.	0.
52	117	W-_K	0.	0.
52	119	W-_K	0.	0.
52	33	W+_D	0.	0.
52	37	W+_D	0.	0.
52	117	W+_D	0.	0.
52	119	W+_D	0.	0.
52	33	W-_D	0.	0.
52	37	W-_D	0.	0.
52	117	W-_D	0.	0.
52	119	W-_D	0.	0.
52	33	SISMA SLV X	6.046E-02	0.44
52	37	SISMA SLV X	6.046E-02	0.44
52	117	SISMA SLV X	6.046E-02	0.44
52	119	SISMA SLV X	6.046E-02	0.44
52	33	SISMA SLV Y	4.171E-02	0.95
52	37	SISMA SLV Y	4.171E-02	0.95
52	117	SISMA SLV Y	4.171E-02	0.95
52	119	SISMA SLV Y	4.171E-02	0.95
52	33	SISMA SLD X	2.953E-02	0.22
52	37	SISMA SLD X	2.953E-02	0.22
52	117	SISMA SLD X	2.953E-02	0.22
52	119	SISMA SLD X	2.953E-02	0.22
52	33	SISMA SLD Y	2.036E-02	0.47
52	37	SISMA SLD Y	2.036E-02	0.47
52	117	SISMA SLD Y	2.036E-02	0.47
52	119	SISMA SLD Y	2.036E-02	0.47
52	33	SISMA SLO X	2.445E-02	0.18
52	37	SISMA SLO X	2.445E-02	0.18
52	117	SISMA SLO X	2.445E-02	0.18
52	119	SISMA SLO X	2.445E-02	0.18
52	33	SISMA SLO Y	1.680E-02	0.39

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
52	37	SISMA SLO Y	1.680E-02	0.39
52	117	SISMA SLO Y	1.680E-02	0.39
52	119	SISMA SLO Y	1.680E-02	0.39
52	33	SLT	0.	0.
52	37	SLT	0.	0.
52	117	SLT	0.	0.
52	119	SLT	0.	0.
52	33	~TorsionSISMA SLV X	0.	0.
52	37	~TorsionSISMA SLV X	0.	0.
52	117	~TorsionSISMA SLV X	0.	0.
52	119	~TorsionSISMA SLV X	0.	0.
52	33	~TorsionSISMA SLV Y	0.	0.
52	37	~TorsionSISMA SLV Y	0.	0.
52	117	~TorsionSISMA SLV Y	0.	0.
52	119	~TorsionSISMA SLV Y	0.	0.
52	33	~TorsionSISMA SLD X	0.	0.
52	37	~TorsionSISMA SLD X	0.	0.
52	117	~TorsionSISMA SLD X	0.	0.
52	119	~TorsionSISMA SLD X	0.	0.
52	33	~TorsionSISMA SLD Y	0.	0.
52	37	~TorsionSISMA SLD Y	0.	0.
52	117	~TorsionSISMA SLD Y	0.	0.
52	119	~TorsionSISMA SLD Y	0.	0.
52	33	~TorsionSISMA SLO X	0.	0.
52	37	~TorsionSISMA SLO X	0.	0.
52	117	~TorsionSISMA SLO X	0.	0.
52	119	~TorsionSISMA SLO X	0.	0.
52	33	~TorsionSISMA SLO Y	0.	0.
52	37	~TorsionSISMA SLO Y	0.	0.
52	117	~TorsionSISMA SLO Y	0.	0.
52	119	~TorsionSISMA SLO Y	0.	0.
53	166	G1_K	3.930E-03	0.58
53	169	G1_K	3.930E-03	0.58
53	38	G1_K	3.930E-03	0.58
53	35	G1_K	3.930E-03	0.58

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
53	166	G2_K	2.044E-02	-8.205E-02
53	169	G2_K	2.044E-02	-8.205E-02
53	38	G2_K	2.044E-02	-8.205E-02
53	35	G2_K	2.044E-02	-8.205E-02
53	166	Q_K	3.508E-03	0.34
53	169	Q_K	3.508E-03	0.34
53	38	Q_K	3.508E-03	0.34
53	35	Q_K	3.508E-03	0.34
53	166	N_K	4.209E-04	4.090E-02
53	169	N_K	4.209E-04	4.090E-02
53	38	N_K	4.209E-04	4.090E-02
53	35	N_K	4.209E-04	4.090E-02
53	166	T+_K	0.	0.
53	169	T+_K	0.	0.
53	38	T+_K	0.	0.
53	35	T+_K	0.	0.
53	166	T-_K	0.	0.
53	169	T-_K	0.	0.
53	38	T-_K	0.	0.
53	35	T-_K	0.	0.
53	166	G1_D	5.109E-03	0.75
53	169	G1_D	5.109E-03	0.75
53	38	G1_D	5.109E-03	0.75
53	35	G1_D	5.109E-03	0.75
53	166	G2_D	2.658E-02	-0.11
53	169	G2_D	2.658E-02	-0.11
53	38	G2_D	2.658E-02	-0.11
53	35	G2_D	2.658E-02	-0.11
53	166	Q_D	5.262E-03	0.51
53	169	Q_D	5.262E-03	0.51
53	38	Q_D	5.262E-03	0.51
53	35	Q_D	5.262E-03	0.51
53	166	N_D	6.314E-04	6.135E-02
53	169	N_D	6.314E-04	6.135E-02
53	38	N_D	6.314E-04	6.135E-02
53	35	N_D	6.314E-04	6.135E-02
53	166	T+_D	0.	0.
53	169	T+_D	0.	0.
53	38	T+_D	0.	0.
53	35	T+_D	0.	0.
53	166	T-_D	0.	0.
53	169	T-_D	0.	0.
53	38	T-_D	0.	0.
53	35	T-_D	0.	0.
53	166	W+_K	0.	0.
53	169	W+_K	0.	0.
53	38	W+_K	0.	0.
53	35	W+_K	0.	0.
53	166	W-_K	0.	0.
53	169	W-_K	0.	0.
53	38	W-_K	0.	0.
53	35	W-_K	0.	0.
53	166	W+_D	0.	0.
53	169	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
53	38	W+_D	0.	0.
53	35	W+_D	0.	0.
53	166	W-_D	0.	0.
53	169	W-_D	0.	0.
53	38	W-_D	0.	0.
53	35	W-_D	0.	0.
53	166	SISMA SLV X	9.258E-03	0.55
53	169	SISMA SLV X	9.258E-03	0.55
53	38	SISMA SLV X	9.258E-03	0.55
53	35	SISMA SLV X	9.258E-03	0.55
53	166	SISMA SLV Y	6.449E-03	1.18
53	169	SISMA SLV Y	6.449E-03	1.18
53	38	SISMA SLV Y	6.449E-03	1.18
53	35	SISMA SLV Y	6.449E-03	1.18
53	166	SISMA SLD X	4.520E-03	0.27
53	169	SISMA SLD X	4.520E-03	0.27
53	38	SISMA SLD X	4.520E-03	0.27
53	35	SISMA SLD X	4.520E-03	0.27
53	166	SISMA SLD Y	3.147E-03	0.58
53	169	SISMA SLD Y	3.147E-03	0.58
53	38	SISMA SLD Y	3.147E-03	0.58
53	35	SISMA SLD Y	3.147E-03	0.58
53	166	SISMA SLO X	3.734E-03	0.22
53	169	SISMA SLO X	3.734E-03	0.22
53	38	SISMA SLO X	3.734E-03	0.22
53	35	SISMA SLO X	3.734E-03	0.22
53	166	SISMA SLO Y	2.597E-03	0.48
53	169	SISMA SLO Y	2.597E-03	0.48
53	38	SISMA SLO Y	2.597E-03	0.48
53	35	SISMA SLO Y	2.597E-03	0.48
53	166	SLT	0.	0.
53	169	SLT	0.	0.
53	38	SLT	0.	0.
53	35	SLT	0.	0.
53	166	~TorsionSISMA SLV X	0.	0.
53	169	~TorsionSISMA SLV X	0.	0.
53	38	~TorsionSISMA SLV X	0.	0.
53	35	~TorsionSISMA SLV X	0.	0.
53	166	~TorsionSISMA SLV Y	0.	0.
53	169	~TorsionSISMA SLV Y	0.	0.
53	38	~TorsionSISMA SLV Y	0.	0.
53	35	~TorsionSISMA SLV Y	0.	0.
53	166	~TorsionSISMA SLD X	0.	0.
53	169	~TorsionSISMA SLD X	0.	0.
53	38	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
53	35	~TorsionSISMA SLD X	0.	0.
53	166	~TorsionSISMA SLD Y	0.	0.
53	169	~TorsionSISMA SLD Y	0.	0.
53	38	~TorsionSISMA SLD Y	0.	0.
53	35	~TorsionSISMA SLD Y	0.	0.
53	166	~TorsionSISMA SLO X	0.	0.
53	169	~TorsionSISMA SLO X	0.	0.
53	38	~TorsionSISMA SLO X	0.	0.
53	35	~TorsionSISMA SLO X	0.	0.
53	166	~TorsionSISMA SLO Y	0.	0.
53	169	~TorsionSISMA SLO Y	0.	0.
53	38	~TorsionSISMA SLO Y	0.	0.
53	35	~TorsionSISMA SLO Y	0.	0.
54	35	G1_K	-2.776E-02	0.59
54	38	G1_K	-2.776E-02	0.59
54	170	G1_K	-2.776E-02	0.59
54	167	G1_K	-2.776E-02	0.59
54	35	G2_K	-1.729E-02	-0.1
54	38	G2_K	-1.729E-02	-0.1
54	170	G2_K	-1.729E-02	-0.1
54	167	G2_K	-1.729E-02	-0.1
54	35	Q_K	-2.419E-02	0.36
54	38	Q_K	-2.419E-02	0.36
54	170	Q_K	-2.419E-02	0.36
54	167	Q_K	-2.419E-02	0.36
54	35	N_K	-2.903E-03	4.316E-02
54	38	N_K	-2.903E-03	4.316E-02
54	170	N_K	-2.903E-03	4.316E-02
54	167	N_K	-2.903E-03	4.316E-02
54	35	T+_K	0.	0.
54	38	T+_K	0.	0.
54	170	T+_K	0.	0.
54	167	T+_K	0.	0.
54	35	T-_K	0.	0.
54	38	T-_K	0.	0.
54	170	T-_K	0.	0.
54	167	T-_K	0.	0.
54	35	G1_D	-3.609E-02	0.77
54	38	G1_D	-3.609E-02	0.77
54	170	G1_D	-3.609E-02	0.77
54	167	G1_D	-3.609E-02	0.77
54	35	G2_D	-2.248E-02	-0.13
54	38	G2_D	-2.248E-02	-0.13
54	170	G2_D	-2.248E-02	-0.13

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
54	167	G2_D	-2.248E-02	-0.13
54	35	Q_D	-3.629E-02	0.54
54	38	Q_D	-3.629E-02	0.54
54	170	Q_D	-3.629E-02	0.54
54	167	Q_D	-3.629E-02	0.54
54	35	N_D	-4.355E-03	6.474E-02
54	38	N_D	-4.355E-03	6.474E-02
54	170	N_D	-4.355E-03	6.474E-02
54	167	N_D	-4.355E-03	6.474E-02
54	35	T+_D	0.	0.
54	38	T+_D	0.	0.
54	170	T+_D	0.	0.
54	167	T+_D	0.	0.
54	35	T-_D	0.	0.
54	38	T-_D	0.	0.
54	170	T-_D	0.	0.
54	167	T-_D	0.	0.
54	35	W+_K	0.	0.
54	38	W+_K	0.	0.
54	170	W+_K	0.	0.
54	167	W+_K	0.	0.
54	35	W-_K	0.	0.
54	38	W-_K	0.	0.
54	170	W-_K	0.	0.
54	167	W-_K	0.	0.
54	35	W+_D	0.	0.
54	38	W+_D	0.	0.
54	170	W+_D	0.	0.
54	167	W+_D	0.	0.
54	35	W-_D	0.	0.
54	38	W-_D	0.	0.
54	170	W-_D	0.	0.
54	167	W-_D	0.	0.
54	35	SISMA SLV X	6.311E-02	0.49
54	38	SISMA SLV X	6.311E-02	0.49
54	170	SISMA SLV X	6.311E-02	0.49
54	167	SISMA SLV X	6.311E-02	0.49
54	35	SISMA SLV Y	6.731E-02	1.05
54	38	SISMA SLV Y	6.731E-02	1.05
54	170	SISMA SLV Y	6.731E-02	1.05
54	167	SISMA SLV Y	6.731E-02	1.05
54	35	SISMA SLD X	3.082E-02	0.24
54	38	SISMA SLD X	3.082E-02	0.24
54	170	SISMA SLD X	3.082E-02	0.24
54	167	SISMA SLD X	3.082E-02	0.24
54	35	SISMA SLD Y	3.287E-02	0.51
54	38	SISMA SLD Y	3.287E-02	0.51
54	170	SISMA SLD Y	3.287E-02	0.51
54	167	SISMA SLD Y	3.287E-02	0.51
54	35	SISMA SLO X	2.548E-02	0.2
54	38	SISMA SLO X	2.548E-02	0.2
54	170	SISMA SLO X	2.548E-02	0.2
54	167	SISMA SLO X	2.548E-02	0.2
54	35	SISMA SLO Y	2.721E-02	0.42

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
54	38	SISMA SLO Y	2.721E-02	0.42
54	170	SISMA SLO Y	2.721E-02	0.42
54	167	SISMA SLO Y	2.721E-02	0.42
54	35	SLT	0.	0.
54	38	SLT	0.	0.
54	170	SLT	0.	0.
54	167	SLT	0.	0.
54	35	~TorsionSISMA SLV X	0.	0.
54	38	~TorsionSISMA SLV X	0.	0.
54	170	~TorsionSISMA SLV X	0.	0.
54	167	~TorsionSISMA SLV X	0.	0.
54	35	~TorsionSISMA SLV Y	0.	0.
54	38	~TorsionSISMA SLV Y	0.	0.
54	170	~TorsionSISMA SLV Y	0.	0.
54	167	~TorsionSISMA SLV Y	0.	0.
54	35	~TorsionSISMA SLD X	0.	0.
54	38	~TorsionSISMA SLD X	0.	0.
54	170	~TorsionSISMA SLD X	0.	0.
54	167	~TorsionSISMA SLD X	0.	0.
54	35	~TorsionSISMA SLD Y	0.	0.
54	38	~TorsionSISMA SLD Y	0.	0.
54	170	~TorsionSISMA SLD Y	0.	0.
54	167	~TorsionSISMA SLD Y	0.	0.
54	35	~TorsionSISMA SLO X	0.	0.
54	38	~TorsionSISMA SLO X	0.	0.
54	170	~TorsionSISMA SLO X	0.	0.
54	167	~TorsionSISMA SLO X	0.	0.
54	35	~TorsionSISMA SLO Y	0.	0.
54	38	~TorsionSISMA SLO Y	0.	0.
54	170	~TorsionSISMA SLO Y	0.	0.
54	167	~TorsionSISMA SLO Y	0.	0.
55	167	G1_K	-8.197E-02	0.66
55	170	G1_K	-8.197E-02	0.66
55	39	G1_K	-8.197E-02	0.66
55	36	G1_K	-8.197E-02	0.66

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
55	167	G2_K	-5.465E-02	-0.16
55	170	G2_K	-5.465E-02	-0.16
55	39	G2_K	-5.465E-02	-0.16
55	36	G2_K	-5.465E-02	-0.16
55	167	Q_K	-5.750E-02	0.41
55	170	Q_K	-5.750E-02	0.41
55	39	Q_K	-5.750E-02	0.41
55	36	Q_K	-5.750E-02	0.41
55	167	N_K	-6.900E-03	4.940E-02
55	170	N_K	-6.900E-03	4.940E-02
55	39	N_K	-6.900E-03	4.940E-02
55	36	N_K	-6.900E-03	4.940E-02
55	167	T+_K	0.	0.
55	170	T+_K	0.	0.
55	39	T+_K	0.	0.
55	36	T+_K	0.	0.
55	167	T-_K	0.	0.
55	170	T-_K	0.	0.
55	39	T-_K	0.	0.
55	36	T-_K	0.	0.
55	167	G1_D	-0.11	0.86
55	170	G1_D	-0.11	0.86
55	39	G1_D	-0.11	0.86
55	36	G1_D	-0.11	0.86
55	167	G2_D	-7.104E-02	-0.21
55	170	G2_D	-7.104E-02	-0.21
55	39	G2_D	-7.104E-02	-0.21
55	36	G2_D	-7.104E-02	-0.21
55	167	Q_D	-8.625E-02	0.62
55	170	Q_D	-8.625E-02	0.62
55	39	Q_D	-8.625E-02	0.62
55	36	Q_D	-8.625E-02	0.62
55	167	N_D	-1.035E-02	7.409E-02
55	170	N_D	-1.035E-02	7.409E-02
55	39	N_D	-1.035E-02	7.409E-02
55	36	N_D	-1.035E-02	7.409E-02
55	167	T+_D	0.	0.
55	170	T+_D	0.	0.
55	39	T+_D	0.	0.
55	36	T+_D	0.	0.
55	167	T-_D	0.	0.
55	170	T-_D	0.	0.
55	39	T-_D	0.	0.
55	36	T-_D	0.	0.
55	167	W+_K	0.	0.
55	170	W+_K	0.	0.
55	39	W+_K	0.	0.
55	36	W+_K	0.	0.
55	167	W-_K	0.	0.
55	170	W-_K	0.	0.
55	39	W-_K	0.	0.
55	36	W-_K	0.	0.
55	167	W+_D	0.	0.
55	170	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
55	39	W+_D	0.	0.
55	36	W+_D	0.	0.
55	167	W-_D	0.	0.
55	170	W-_D	0.	0.
55	39	W-_D	0.	0.
55	36	W-_D	0.	0.
55	167	SISMA SLV X	0.11	0.35
55	170	SISMA SLV X	0.11	0.35
55	39	SISMA SLV X	0.11	0.35
55	36	SISMA SLV X	0.11	0.35
55	167	SISMA SLV Y	0.12	0.74
55	170	SISMA SLV Y	0.12	0.74
55	39	SISMA SLV Y	0.12	0.74
55	36	SISMA SLV Y	0.12	0.74
55	167	SISMA SLD X	5.166E-02	0.17
55	170	SISMA SLD X	5.166E-02	0.17
55	39	SISMA SLD X	5.166E-02	0.17
55	36	SISMA SLD X	5.166E-02	0.17
55	167	SISMA SLD Y	6.013E-02	0.36
55	170	SISMA SLD Y	6.013E-02	0.36
55	39	SISMA SLD Y	6.013E-02	0.36
55	36	SISMA SLD Y	6.013E-02	0.36
55	167	SISMA SLO X	4.274E-02	0.14
55	170	SISMA SLO X	4.274E-02	0.14
55	39	SISMA SLO X	4.274E-02	0.14
55	36	SISMA SLO X	4.274E-02	0.14
55	167	SISMA SLO Y	4.978E-02	0.3
55	170	SISMA SLO Y	4.978E-02	0.3
55	39	SISMA SLO Y	4.978E-02	0.3
55	36	SISMA SLO Y	4.978E-02	0.3
55	167	SLT	0.	0.
55	170	SLT	0.	0.
55	39	SLT	0.	0.
55	36	SLT	0.	0.
55	167	~TorsionSISMA SLV X	0.	0.
55	170	~TorsionSISMA SLV X	0.	0.
55	39	~TorsionSISMA SLV X	0.	0.
55	36	~TorsionSISMA SLV X	0.	0.
55	167	~TorsionSISMA SLV Y	0.	0.
55	170	~TorsionSISMA SLV Y	0.	0.
55	39	~TorsionSISMA SLV Y	0.	0.
55	36	~TorsionSISMA SLV Y	0.	0.
55	167	~TorsionSISMA SLD X	0.	0.
55	170	~TorsionSISMA SLD X	0.	0.
55	39	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
55	36	~TorsionSISMA SLD X	0.	0.
55	167	~TorsionSISMA SLD Y	0.	0.
55	170	~TorsionSISMA SLD Y	0.	0.
55	39	~TorsionSISMA SLD Y	0.	0.
55	36	~TorsionSISMA SLD Y	0.	0.
55	167	~TorsionSISMA SLO X	0.	0.
55	170	~TorsionSISMA SLO X	0.	0.
55	39	~TorsionSISMA SLO X	0.	0.
55	36	~TorsionSISMA SLO X	0.	0.
55	167	~TorsionSISMA SLO Y	0.	0.
55	170	~TorsionSISMA SLO Y	0.	0.
55	39	~TorsionSISMA SLO Y	0.	0.
55	36	~TorsionSISMA SLO Y	0.	0.
56	36	G1_K	-0.11	0.78
56	39	G1_K	-0.11	0.78
56	171	G1_K	-0.11	0.78
56	168	G1_K	-0.11	0.78
56	36	G2_K	-5.351E-02	-0.22
56	39	G2_K	-5.351E-02	-0.22
56	171	G2_K	-5.351E-02	-0.22
56	168	G2_K	-5.351E-02	-0.22
56	36	Q_K	-7.761E-02	0.49
56	39	Q_K	-7.761E-02	0.49
56	171	Q_K	-7.761E-02	0.49
56	168	Q_K	-7.761E-02	0.49
56	36	N_K	-9.313E-03	5.889E-02
56	39	N_K	-9.313E-03	5.889E-02
56	171	N_K	-9.313E-03	5.889E-02
56	168	N_K	-9.313E-03	5.889E-02
56	36	T+_K	0.	0.
56	39	T+_K	0.	0.
56	171	T+_K	0.	0.
56	168	T+_K	0.	0.
56	36	T-_K	0.	0.
56	39	T-_K	0.	0.
56	171	T-_K	0.	0.
56	168	T-_K	0.	0.
56	36	G1_D	-0.15	1.01
56	39	G1_D	-0.15	1.01
56	171	G1_D	-0.15	1.01
56	168	G1_D	-0.15	1.01
56	36	G2_D	-6.957E-02	-0.29
56	39	G2_D	-6.957E-02	-0.29
56	171	G2_D	-6.957E-02	-0.29

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
56	168	G2_D	-6.957E-02	-0.29
56	36	Q_D	-0.12	0.74
56	39	Q_D	-0.12	0.74
56	171	Q_D	-0.12	0.74
56	168	Q_D	-0.12	0.74
56	36	N_D	-1.397E-02	8.834E-02
56	39	N_D	-1.397E-02	8.834E-02
56	171	N_D	-1.397E-02	8.834E-02
56	168	N_D	-1.397E-02	8.834E-02
56	36	T+_D	0.	0.
56	39	T+_D	0.	0.
56	171	T+_D	0.	0.
56	168	T+_D	0.	0.
56	36	T-_D	0.	0.
56	39	T-_D	0.	0.
56	171	T-_D	0.	0.
56	168	T-_D	0.	0.
56	36	W+_K	0.	0.
56	39	W+_K	0.	0.
56	171	W+_K	0.	0.
56	168	W+_K	0.	0.
56	36	W-_K	0.	0.
56	39	W-_K	0.	0.
56	171	W-_K	0.	0.
56	168	W-_K	0.	0.
56	36	W+_D	0.	0.
56	39	W+_D	0.	0.
56	171	W+_D	0.	0.
56	168	W+_D	0.	0.
56	36	W-_D	0.	0.
56	39	W-_D	0.	0.
56	171	W-_D	0.	0.
56	168	W-_D	0.	0.
56	36	SISMA SLV X	0.13	0.16
56	39	SISMA SLV X	0.13	0.16
56	171	SISMA SLV X	0.13	0.16
56	168	SISMA SLV X	0.13	0.16
56	36	SISMA SLV Y	0.15	0.3
56	39	SISMA SLV Y	0.15	0.3
56	171	SISMA SLV Y	0.15	0.3
56	168	SISMA SLV Y	0.15	0.3
56	36	SISMA SLD X	6.177E-02	7.580E-02
56	39	SISMA SLD X	6.177E-02	7.580E-02
56	171	SISMA SLD X	6.177E-02	7.580E-02
56	168	SISMA SLD X	6.177E-02	7.580E-02
56	36	SISMA SLD Y	7.120E-02	0.15
56	39	SISMA SLD Y	7.120E-02	0.15
56	171	SISMA SLD Y	7.120E-02	0.15
56	168	SISMA SLD Y	7.120E-02	0.15
56	36	SISMA SLO X	5.110E-02	6.276E-02
56	39	SISMA SLO X	5.110E-02	6.276E-02
56	171	SISMA SLO X	5.110E-02	6.276E-02
56	168	SISMA SLO X	5.110E-02	6.276E-02
56	36	SISMA SLO Y	5.895E-02	0.12

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
56	39	SISMA SLO Y	5.895E-02	0.12
56	171	SISMA SLO Y	5.895E-02	0.12
56	168	SISMA SLO Y	5.895E-02	0.12
56	36	SLT	0.	0.
56	39	SLT	0.	0.
56	171	SLT	0.	0.
56	168	SLT	0.	0.
56	36	~TorsionSISMA SLV X	0.	0.
56	39	~TorsionSISMA SLV X	0.	0.
56	171	~TorsionSISMA SLV X	0.	0.
56	168	~TorsionSISMA SLV X	0.	0.
56	36	~TorsionSISMA SLV Y	0.	0.
56	39	~TorsionSISMA SLV Y	0.	0.
56	171	~TorsionSISMA SLV Y	0.	0.
56	168	~TorsionSISMA SLV Y	0.	0.
56	36	~TorsionSISMA SLD X	0.	0.
56	39	~TorsionSISMA SLD X	0.	0.
56	171	~TorsionSISMA SLD X	0.	0.
56	168	~TorsionSISMA SLD X	0.	0.
56	36	~TorsionSISMA SLD Y	0.	0.
56	39	~TorsionSISMA SLD Y	0.	0.
56	171	~TorsionSISMA SLD Y	0.	0.
56	168	~TorsionSISMA SLD Y	0.	0.
56	36	~TorsionSISMA SLO X	0.	0.
56	39	~TorsionSISMA SLO X	0.	0.
56	171	~TorsionSISMA SLO X	0.	0.
56	168	~TorsionSISMA SLO X	0.	0.
56	36	~TorsionSISMA SLO Y	0.	0.
56	39	~TorsionSISMA SLO Y	0.	0.
56	171	~TorsionSISMA SLO Y	0.	0.
56	168	~TorsionSISMA SLO Y	0.	0.
57	168	G1_K	-0.2	0.94
57	171	G1_K	-0.2	0.94
57	40	G1_K	-0.2	0.94
57	37	G1_K	-0.2	0.94

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
57	168	G2_K	-2.227E-03	-0.29
57	171	G2_K	-2.227E-03	-0.29
57	40	G2_K	-2.227E-03	-0.29
57	37	G2_K	-2.227E-03	-0.29
57	168	Q_K	-0.13	0.6
57	171	Q_K	-0.13	0.6
57	40	Q_K	-0.13	0.6
57	37	Q_K	-0.13	0.6
57	168	N_K	-1.560E-02	7.180E-02
57	171	N_K	-1.560E-02	7.180E-02
57	40	N_K	-1.560E-02	7.180E-02
57	37	N_K	-1.560E-02	7.180E-02
57	168	T+_K	0.	0.
57	171	T+_K	0.	0.
57	40	T+_K	0.	0.
57	37	T+_K	0.	0.
57	168	T-_K	0.	0.
57	171	T-_K	0.	0.
57	40	T-_K	0.	0.
57	37	T-_K	0.	0.
57	168	G1_D	-0.26	1.22
57	171	G1_D	-0.26	1.22
57	40	G1_D	-0.26	1.22
57	37	G1_D	-0.26	1.22
57	168	G2_D	-2.895E-03	-0.38
57	171	G2_D	-2.895E-03	-0.38
57	40	G2_D	-2.895E-03	-0.38
57	37	G2_D	-2.895E-03	-0.38
57	168	Q_D	-0.19	0.9
57	171	Q_D	-0.19	0.9
57	40	Q_D	-0.19	0.9
57	37	Q_D	-0.19	0.9
57	168	N_D	-2.340E-02	0.11
57	171	N_D	-2.340E-02	0.11
57	40	N_D	-2.340E-02	0.11
57	37	N_D	-2.340E-02	0.11
57	168	T+_D	0.	0.
57	171	T+_D	0.	0.
57	40	T+_D	0.	0.
57	37	T+_D	0.	0.
57	168	T-_D	0.	0.
57	171	T-_D	0.	0.
57	40	T-_D	0.	0.
57	37	T-_D	0.	0.
57	168	W+_K	0.	0.
57	171	W+_K	0.	0.
57	40	W+_K	0.	0.
57	37	W+_K	0.	0.
57	168	W-_K	0.	0.
57	171	W-_K	0.	0.
57	40	W-_K	0.	0.
57	37	W-_K	0.	0.
57	168	W+_D	0.	0.
57	171	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
57	40	W+_D	0.	0.
57	37	W+_D	0.	0.
57	168	W-_D	0.	0.
57	171	W-_D	0.	0.
57	40	W-_D	0.	0.
57	37	W-_D	0.	0.
57	168	SISMA SLV X	0.12	0.18
57	171	SISMA SLV X	0.12	0.18
57	40	SISMA SLV X	0.12	0.18
57	37	SISMA SLV X	0.12	0.18
57	168	SISMA SLV Y	0.12	0.35
57	171	SISMA SLV Y	0.12	0.35
57	40	SISMA SLV Y	0.12	0.35
57	37	SISMA SLV Y	0.12	0.35
57	168	SISMA SLD X	5.982E-02	8.715E-02
57	171	SISMA SLD X	5.982E-02	8.715E-02
57	40	SISMA SLD X	5.982E-02	8.715E-02
57	37	SISMA SLD X	5.982E-02	8.715E-02
57	168	SISMA SLD Y	6.093E-02	0.17
57	171	SISMA SLD Y	6.093E-02	0.17
57	40	SISMA SLD Y	6.093E-02	0.17
57	37	SISMA SLD Y	6.093E-02	0.17
57	168	SISMA SLO X	4.951E-02	7.212E-02
57	171	SISMA SLO X	4.951E-02	7.212E-02
57	40	SISMA SLO X	4.951E-02	7.212E-02
57	37	SISMA SLO X	4.951E-02	7.212E-02
57	168	SISMA SLO Y	5.044E-02	0.14
57	171	SISMA SLO Y	5.044E-02	0.14
57	40	SISMA SLO Y	5.044E-02	0.14
57	37	SISMA SLO Y	5.044E-02	0.14
57	168	SLT	0.	0.
57	171	SLT	0.	0.
57	40	SLT	0.	0.
57	37	SLT	0.	0.
57	168	~TorsionSISMA SLV X	0.	0.
57	171	~TorsionSISMA SLV X	0.	0.
57	40	~TorsionSISMA SLV X	0.	0.
57	37	~TorsionSISMA SLV X	0.	0.
57	168	~TorsionSISMA SLV Y	0.	0.
57	171	~TorsionSISMA SLV Y	0.	0.
57	40	~TorsionSISMA SLV Y	0.	0.
57	37	~TorsionSISMA SLV Y	0.	0.
57	168	~TorsionSISMA SLD X	0.	0.
57	171	~TorsionSISMA SLD X	0.	0.
57	40	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
57	37	~TorsionSISMA SLD X	0.	0.
57	168	~TorsionSISMA SLD Y	0.	0.
57	171	~TorsionSISMA SLD Y	0.	0.
57	40	~TorsionSISMA SLD Y	0.	0.
57	37	~TorsionSISMA SLD Y	0.	0.
57	168	~TorsionSISMA SLO X	0.	0.
57	171	~TorsionSISMA SLO X	0.	0.
57	40	~TorsionSISMA SLO X	0.	0.
57	37	~TorsionSISMA SLO X	0.	0.
57	168	~TorsionSISMA SLO Y	0.	0.
57	171	~TorsionSISMA SLO Y	0.	0.
57	40	~TorsionSISMA SLO Y	0.	0.
57	37	~TorsionSISMA SLO Y	0.	0.
58	37	G1_K	-0.3	1.11
58	40	G1_K	-0.3	1.11
58	115	G1_K	-0.3	1.11
58	117	G1_K	-0.3	1.11
58	37	G2_K	8.688E-02	-0.36
58	40	G2_K	8.688E-02	-0.36
58	115	G2_K	8.688E-02	-0.36
58	117	G2_K	8.688E-02	-0.36
58	37	Q_K	-0.19	0.71
58	40	Q_K	-0.19	0.71
58	115	Q_K	-0.19	0.71
58	117	Q_K	-0.19	0.71
58	37	N_K	-2.334E-02	8.556E-02
58	40	N_K	-2.334E-02	8.556E-02
58	115	N_K	-2.334E-02	8.556E-02
58	117	N_K	-2.334E-02	8.556E-02
58	37	T+_K	0.	0.
58	40	T+_K	0.	0.
58	115	T+_K	0.	0.
58	117	T+_K	0.	0.
58	37	T-_K	0.	0.
58	40	T-_K	0.	0.
58	115	T-_K	0.	0.
58	117	T-_K	0.	0.
58	37	G1_D	-0.39	1.44
58	40	G1_D	-0.39	1.44
58	115	G1_D	-0.39	1.44
58	117	G1_D	-0.39	1.44
58	37	G2_D	0.11	-0.46
58	40	G2_D	0.11	-0.46
58	115	G2_D	0.11	-0.46

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
58	117	G2_D	0.11	-0.46
58	37	Q_D	-0.29	1.07
58	40	Q_D	-0.29	1.07
58	115	Q_D	-0.29	1.07
58	117	Q_D	-0.29	1.07
58	37	N_D	-3.501E-02	0.13
58	40	N_D	-3.501E-02	0.13
58	115	N_D	-3.501E-02	0.13
58	117	N_D	-3.501E-02	0.13
58	37	T+_D	0.	0.
58	40	T+_D	0.	0.
58	115	T+_D	0.	0.
58	117	T+_D	0.	0.
58	37	T-_D	0.	0.
58	40	T-_D	0.	0.
58	115	T-_D	0.	0.
58	117	T-_D	0.	0.
58	37	W+_K	0.	0.
58	40	W+_K	0.	0.
58	115	W+_K	0.	0.
58	117	W+_K	0.	0.
58	37	W-_K	0.	0.
58	40	W-_K	0.	0.
58	115	W-_K	0.	0.
58	117	W-_K	0.	0.
58	37	W+_D	0.	0.
58	40	W+_D	0.	0.
58	115	W+_D	0.	0.
58	117	W+_D	0.	0.
58	37	W-_D	0.	0.
58	40	W-_D	0.	0.
58	115	W-_D	0.	0.
58	117	W-_D	0.	0.
58	37	SISMA SLV X	0.1	0.43
58	40	SISMA SLV X	0.1	0.43
58	115	SISMA SLV X	0.1	0.43
58	117	SISMA SLV X	0.1	0.43
58	37	SISMA SLV Y	5.634E-02	0.95
58	40	SISMA SLV Y	5.634E-02	0.95
58	115	SISMA SLV Y	5.634E-02	0.95
58	117	SISMA SLV Y	5.634E-02	0.95
58	37	SISMA SLD X	4.938E-02	0.21
58	40	SISMA SLD X	4.938E-02	0.21
58	115	SISMA SLD X	4.938E-02	0.21
58	117	SISMA SLD X	4.938E-02	0.21
58	37	SISMA SLD Y	2.751E-02	0.46
58	40	SISMA SLD Y	2.751E-02	0.46
58	115	SISMA SLD Y	2.751E-02	0.46
58	117	SISMA SLD Y	2.751E-02	0.46
58	37	SISMA SLO X	4.089E-02	0.18
58	40	SISMA SLO X	4.089E-02	0.18
58	115	SISMA SLO X	4.089E-02	0.18
58	117	SISMA SLO X	4.089E-02	0.18
58	37	SISMA SLO Y	2.276E-02	0.38

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
58	40	SISMA SLO Y	2.276E-02	0.38
58	115	SISMA SLO Y	2.276E-02	0.38
58	117	SISMA SLO Y	2.276E-02	0.38
58	37	SLT	0.	0.
58	40	SLT	0.	0.
58	115	SLT	0.	0.
58	117	SLT	0.	0.
58	37	~TorsionSISMA SLV X	0.	0.
58	40	~TorsionSISMA SLV X	0.	0.
58	115	~TorsionSISMA SLV X	0.	0.
58	117	~TorsionSISMA SLV X	0.	0.
58	37	~TorsionSISMA SLV Y	0.	0.
58	40	~TorsionSISMA SLV Y	0.	0.
58	115	~TorsionSISMA SLV Y	0.	0.
58	117	~TorsionSISMA SLV Y	0.	0.
58	37	~TorsionSISMA SLD X	0.	0.
58	40	~TorsionSISMA SLD X	0.	0.
58	115	~TorsionSISMA SLD X	0.	0.
58	117	~TorsionSISMA SLD X	0.	0.
58	37	~TorsionSISMA SLD Y	0.	0.
58	40	~TorsionSISMA SLD Y	0.	0.
58	115	~TorsionSISMA SLD Y	0.	0.
58	117	~TorsionSISMA SLD Y	0.	0.
58	37	~TorsionSISMA SLO X	0.	0.
58	40	~TorsionSISMA SLO X	0.	0.
58	115	~TorsionSISMA SLO X	0.	0.
58	117	~TorsionSISMA SLO X	0.	0.
58	37	~TorsionSISMA SLO Y	0.	0.
58	40	~TorsionSISMA SLO Y	0.	0.
58	115	~TorsionSISMA SLO Y	0.	0.
58	117	~TorsionSISMA SLO Y	0.	0.
59	169	G1_K	1.554E-02	0.42
59	99	G1_K	1.554E-02	0.42
59	41	G1_K	1.554E-02	0.42
59	38	G1_K	1.554E-02	0.42

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
59	169	G2_K	1.471E-02	-2.066E-02
59	99	G2_K	1.471E-02	-2.066E-02
59	41	G2_K	1.471E-02	-2.066E-02
59	38	G2_K	1.471E-02	-2.066E-02
59	169	Q_K	-8.819E-03	0.12
59	99	Q_K	-8.819E-03	0.12
59	41	Q_K	-8.819E-03	0.12
59	38	Q_K	-8.819E-03	0.12
59	169	N_K	-1.058E-03	1.406E-02
59	99	N_K	-1.058E-03	1.406E-02
59	41	N_K	-1.058E-03	1.406E-02
59	38	N_K	-1.058E-03	1.406E-02
59	169	T+_K	0.	0.
59	99	T+_K	0.	0.
59	41	T+_K	0.	0.
59	38	T+_K	0.	0.
59	169	T-_K	0.	0.
59	99	T-_K	0.	0.
59	41	T-_K	0.	0.
59	38	T-_K	0.	0.
59	169	G1_D	2.020E-02	0.55
59	99	G1_D	2.020E-02	0.55
59	41	G1_D	2.020E-02	0.55
59	38	G1_D	2.020E-02	0.55
59	169	G2_D	1.912E-02	-2.685E-02
59	99	G2_D	1.912E-02	-2.685E-02
59	41	G2_D	1.912E-02	-2.685E-02
59	38	G2_D	1.912E-02	-2.685E-02
59	169	Q_D	-1.323E-02	0.18
59	99	Q_D	-1.323E-02	0.18
59	41	Q_D	-1.323E-02	0.18
59	38	Q_D	-1.323E-02	0.18
59	169	N_D	-1.588E-03	2.110E-02
59	99	N_D	-1.588E-03	2.110E-02
59	41	N_D	-1.588E-03	2.110E-02
59	38	N_D	-1.588E-03	2.110E-02
59	169	T+_D	0.	0.
59	99	T+_D	0.	0.
59	41	T+_D	0.	0.
59	38	T+_D	0.	0.
59	169	T-_D	0.	0.
59	99	T-_D	0.	0.
59	41	T-_D	0.	0.
59	38	T-_D	0.	0.
59	169	W+_K	0.	0.
59	99	W+_K	0.	0.
59	41	W+_K	0.	0.
59	38	W+_K	0.	0.
59	169	W-_K	0.	0.
59	99	W-_K	0.	0.
59	41	W-_K	0.	0.
59	38	W-_K	0.	0.
59	169	W+_D	0.	0.
59	99	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
59	41	W+_D	0.	0.
59	38	W+_D	0.	0.
59	169	W-_D	0.	0.
59	99	W-_D	0.	0.
59	41	W-_D	0.	0.
59	38	W-_D	0.	0.
59	169	SISMA SLV X	2.153E-02	0.45
59	99	SISMA SLV X	2.153E-02	0.45
59	41	SISMA SLV X	2.153E-02	0.45
59	38	SISMA SLV X	2.153E-02	0.45
59	169	SISMA SLV Y	1.972E-02	0.95
59	99	SISMA SLV Y	1.972E-02	0.95
59	41	SISMA SLV Y	1.972E-02	0.95
59	38	SISMA SLV Y	1.972E-02	0.95
59	169	SISMA SLD X	1.052E-02	0.22
59	99	SISMA SLD X	1.052E-02	0.22
59	41	SISMA SLD X	1.052E-02	0.22
59	38	SISMA SLD X	1.052E-02	0.22
59	169	SISMA SLD Y	9.629E-03	0.46
59	99	SISMA SLD Y	9.629E-03	0.46
59	41	SISMA SLD Y	9.629E-03	0.46
59	38	SISMA SLD Y	9.629E-03	0.46
59	169	SISMA SLO X	8.708E-03	0.18
59	99	SISMA SLO X	8.708E-03	0.18
59	41	SISMA SLO X	8.708E-03	0.18
59	38	SISMA SLO X	8.708E-03	0.18
59	169	SISMA SLO Y	7.966E-03	0.38
59	99	SISMA SLO Y	7.966E-03	0.38
59	41	SISMA SLO Y	7.966E-03	0.38
59	38	SISMA SLO Y	7.966E-03	0.38
59	169	SLT	0.	0.
59	99	SLT	0.	0.
59	41	SLT	0.	0.
59	38	SLT	0.	0.
59	169	~TorsionSISMA SLV X	0.	0.
59	99	~TorsionSISMA SLV X	0.	0.
59	41	~TorsionSISMA SLV X	0.	0.
59	38	~TorsionSISMA SLV X	0.	0.
59	169	~TorsionSISMA SLV Y	0.	0.
59	99	~TorsionSISMA SLV Y	0.	0.
59	41	~TorsionSISMA SLV Y	0.	0.
59	38	~TorsionSISMA SLV Y	0.	0.
59	169	~TorsionSISMA SLD X	0.	0.
59	99	~TorsionSISMA SLD X	0.	0.
59	41	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
59	38	~TorsionSISMA SLD X	0.	0.
59	169	~TorsionSISMA SLD Y	0.	0.
59	99	~TorsionSISMA SLD Y	0.	0.
59	41	~TorsionSISMA SLD Y	0.	0.
59	38	~TorsionSISMA SLD Y	0.	0.
59	169	~TorsionSISMA SLO X	0.	0.
59	99	~TorsionSISMA SLO X	0.	0.
59	41	~TorsionSISMA SLO X	0.	0.
59	38	~TorsionSISMA SLO X	0.	0.
59	169	~TorsionSISMA SLO Y	0.	0.
59	99	~TorsionSISMA SLO Y	0.	0.
59	41	~TorsionSISMA SLO Y	0.	0.
59	38	~TorsionSISMA SLO Y	0.	0.
60	38	G1_K	-9.034E-02	1.782E-02
60	41	G1_K	-9.034E-02	1.782E-02
60	152	G1_K	-9.034E-02	1.782E-02
60	170	G1_K	-9.034E-02	1.782E-02
60	38	G2_K	3.007E-02	-0.11
60	41	G2_K	3.007E-02	-0.11
60	152	G2_K	3.007E-02	-0.11
60	170	G2_K	3.007E-02	-0.11
60	38	Q_K	-9.705E-02	1.956E-02
60	41	Q_K	-9.705E-02	1.956E-02
60	152	Q_K	-9.705E-02	1.956E-02
60	170	Q_K	-9.705E-02	1.956E-02
60	38	N_K	-1.165E-02	2.347E-03
60	41	N_K	-1.165E-02	2.347E-03
60	152	N_K	-1.165E-02	2.347E-03
60	170	N_K	-1.165E-02	2.347E-03
60	38	T+_K	0.	0.
60	41	T+_K	0.	0.
60	152	T+_K	0.	0.
60	170	T+_K	0.	0.
60	38	T-_K	0.	0.
60	41	T-_K	0.	0.
60	152	T-_K	0.	0.
60	170	T-_K	0.	0.
60	38	G1_D	-0.12	2.317E-02
60	41	G1_D	-0.12	2.317E-02
60	152	G1_D	-0.12	2.317E-02
60	170	G1_D	-0.12	2.317E-02
60	38	G2_D	3.909E-02	-0.14
60	41	G2_D	3.909E-02	-0.14
60	152	G2_D	3.909E-02	-0.14

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
60	170	G2_D	3.909E-02	-0.14
60	38	Q_D	-0.15	2.934E-02
60	41	Q_D	-0.15	2.934E-02
60	152	Q_D	-0.15	2.934E-02
60	170	Q_D	-0.15	2.934E-02
60	38	N_D	-1.747E-02	3.521E-03
60	41	N_D	-1.747E-02	3.521E-03
60	152	N_D	-1.747E-02	3.521E-03
60	170	N_D	-1.747E-02	3.521E-03
60	38	T+_D	0.	0.
60	41	T+_D	0.	0.
60	152	T+_D	0.	0.
60	170	T+_D	0.	0.
60	38	T-_D	0.	0.
60	41	T-_D	0.	0.
60	152	T-_D	0.	0.
60	170	T-_D	0.	0.
60	38	W+_K	0.	0.
60	41	W+_K	0.	0.
60	152	W+_K	0.	0.
60	170	W+_K	0.	0.
60	38	W-_K	0.	0.
60	41	W-_K	0.	0.
60	152	W-_K	0.	0.
60	170	W-_K	0.	0.
60	38	W+_D	0.	0.
60	41	W+_D	0.	0.
60	152	W+_D	0.	0.
60	170	W+_D	0.	0.
60	38	W-_D	0.	0.
60	41	W-_D	0.	0.
60	152	W-_D	0.	0.
60	170	W-_D	0.	0.
60	38	SISMA SLV X	8.396E-02	0.29
60	41	SISMA SLV X	8.396E-02	0.29
60	152	SISMA SLV X	8.396E-02	0.29
60	170	SISMA SLV X	8.396E-02	0.29
60	38	SISMA SLV Y	0.13	0.44
60	41	SISMA SLV Y	0.13	0.44
60	152	SISMA SLV Y	0.13	0.44
60	170	SISMA SLV Y	0.13	0.44
60	38	SISMA SLD X	4.100E-02	0.14
60	41	SISMA SLD X	4.100E-02	0.14
60	152	SISMA SLD X	4.100E-02	0.14
60	170	SISMA SLD X	4.100E-02	0.14
60	38	SISMA SLD Y	6.441E-02	0.22
60	41	SISMA SLD Y	6.441E-02	0.22
60	152	SISMA SLD Y	6.441E-02	0.22
60	170	SISMA SLD Y	6.441E-02	0.22
60	38	SISMA SLO X	3.394E-02	0.12
60	41	SISMA SLO X	3.394E-02	0.12
60	152	SISMA SLO X	3.394E-02	0.12
60	170	SISMA SLO X	3.394E-02	0.12
60	38	SISMA SLO Y	5.332E-02	0.18

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
60	41	SISMA SLO Y	5.332E-02	0.18
60	152	SISMA SLO Y	5.332E-02	0.18
60	170	SISMA SLO Y	5.332E-02	0.18
60	38	SLT	0.	0.
60	41	SLT	0.	0.
60	152	SLT	0.	0.
60	170	SLT	0.	0.
60	38	~TorsionSISMA SLV X	0.	0.
60	41	~TorsionSISMA SLV X	0.	0.
60	152	~TorsionSISMA SLV X	0.	0.
60	170	~TorsionSISMA SLV X	0.	0.
60	38	~TorsionSISMA SLV Y	0.	0.
60	41	~TorsionSISMA SLV Y	0.	0.
60	152	~TorsionSISMA SLV Y	0.	0.
60	170	~TorsionSISMA SLV Y	0.	0.
60	38	~TorsionSISMA SLD X	0.	0.
60	41	~TorsionSISMA SLD X	0.	0.
60	152	~TorsionSISMA SLD X	0.	0.
60	170	~TorsionSISMA SLD X	0.	0.
60	38	~TorsionSISMA SLD Y	0.	0.
60	41	~TorsionSISMA SLD Y	0.	0.
60	152	~TorsionSISMA SLD Y	0.	0.
60	170	~TorsionSISMA SLD Y	0.	0.
60	38	~TorsionSISMA SLO X	0.	0.
60	41	~TorsionSISMA SLO X	0.	0.
60	152	~TorsionSISMA SLO X	0.	0.
60	170	~TorsionSISMA SLO X	0.	0.
60	38	~TorsionSISMA SLO Y	0.	0.
60	41	~TorsionSISMA SLO Y	0.	0.
60	152	~TorsionSISMA SLO Y	0.	0.
60	170	~TorsionSISMA SLO Y	0.	0.
61	170	G1_K	-0.28	7.075E-02
61	152	G1_K	-0.28	7.075E-02
61	42	G1_K	-0.28	7.075E-02
61	39	G1_K	-0.28	7.075E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
61	170	G2_K	2.278E-02	-0.16
61	152	G2_K	2.278E-02	-0.16
61	42	G2_K	2.278E-02	-0.16
61	39	G2_K	2.278E-02	-0.16
61	170	Q_K	-0.2	5.477E-02
61	152	Q_K	-0.2	5.477E-02
61	42	Q_K	-0.2	5.477E-02
61	39	Q_K	-0.2	5.477E-02
61	170	N_K	-2.434E-02	6.572E-03
61	152	N_K	-2.434E-02	6.572E-03
61	42	N_K	-2.434E-02	6.572E-03
61	39	N_K	-2.434E-02	6.572E-03
61	170	T+_K	0.	0.
61	152	T+_K	0.	0.
61	42	T+_K	0.	0.
61	39	T+_K	0.	0.
61	170	T-_K	0.	0.
61	152	T-_K	0.	0.
61	42	T-_K	0.	0.
61	39	T-_K	0.	0.
61	170	G1_D	-0.36	9.197E-02
61	152	G1_D	-0.36	9.197E-02
61	42	G1_D	-0.36	9.197E-02
61	39	G1_D	-0.36	9.197E-02
61	170	G2_D	2.961E-02	-0.21
61	152	G2_D	2.961E-02	-0.21
61	42	G2_D	2.961E-02	-0.21
61	39	G2_D	2.961E-02	-0.21
61	170	Q_D	-0.3	8.215E-02
61	152	Q_D	-0.3	8.215E-02
61	42	Q_D	-0.3	8.215E-02
61	39	Q_D	-0.3	8.215E-02
61	170	N_D	-3.650E-02	9.858E-03
61	152	N_D	-3.650E-02	9.858E-03
61	42	N_D	-3.650E-02	9.858E-03
61	39	N_D	-3.650E-02	9.858E-03
61	170	T+_D	0.	0.
61	152	T+_D	0.	0.
61	42	T+_D	0.	0.
61	39	T+_D	0.	0.
61	170	T-_D	0.	0.
61	152	T-_D	0.	0.
61	42	T-_D	0.	0.
61	39	T-_D	0.	0.
61	170	W+_K	0.	0.
61	152	W+_K	0.	0.
61	42	W+_K	0.	0.
61	39	W+_K	0.	0.
61	170	W-_K	0.	0.
61	152	W-_K	0.	0.
61	42	W-_K	0.	0.
61	39	W-_K	0.	0.
61	170	W+_D	0.	0.
61	152	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
61	42	W+_D	0.	0.
61	39	W+_D	0.	0.
61	170	W-_D	0.	0.
61	152	W-_D	0.	0.
61	42	W-_D	0.	0.
61	39	W-_D	0.	0.
61	170	SISMA SLV X	0.18	0.25
61	152	SISMA SLV X	0.18	0.25
61	42	SISMA SLV X	0.18	0.25
61	39	SISMA SLV X	0.18	0.25
61	170	SISMA SLV Y	0.33	0.32
61	152	SISMA SLV Y	0.33	0.32
61	42	SISMA SLV Y	0.33	0.32
61	39	SISMA SLV Y	0.33	0.32
61	170	SISMA SLD X	8.904E-02	0.12
61	152	SISMA SLD X	8.904E-02	0.12
61	42	SISMA SLD X	8.904E-02	0.12
61	39	SISMA SLD X	8.904E-02	0.12
61	170	SISMA SLD Y	0.16	0.16
61	152	SISMA SLD Y	0.16	0.16
61	42	SISMA SLD Y	0.16	0.16
61	39	SISMA SLD Y	0.16	0.16
61	170	SISMA SLO X	7.372E-02	0.1
61	152	SISMA SLO X	7.372E-02	0.1
61	42	SISMA SLO X	7.372E-02	0.1
61	39	SISMA SLO X	7.372E-02	0.1
61	170	SISMA SLO Y	0.13	0.13
61	152	SISMA SLO Y	0.13	0.13
61	42	SISMA SLO Y	0.13	0.13
61	39	SISMA SLO Y	0.13	0.13
61	170	SLT	0.	0.
61	152	SLT	0.	0.
61	42	SLT	0.	0.
61	39	SLT	0.	0.
61	170	~TorsionSISMA SLV X	0.	0.
61	152	~TorsionSISMA SLV X	0.	0.
61	42	~TorsionSISMA SLV X	0.	0.
61	39	~TorsionSISMA SLV X	0.	0.
61	170	~TorsionSISMA SLV Y	0.	0.
61	152	~TorsionSISMA SLV Y	0.	0.
61	42	~TorsionSISMA SLV Y	0.	0.
61	39	~TorsionSISMA SLV Y	0.	0.
61	170	~TorsionSISMA SLD X	0.	0.
61	152	~TorsionSISMA SLD X	0.	0.
61	42	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
61	39	~TorsionSISMA SLD X	0.	0.
61	170	~TorsionSISMA SLD Y	0.	0.
61	152	~TorsionSISMA SLD Y	0.	0.
61	42	~TorsionSISMA SLD Y	0.	0.
61	39	~TorsionSISMA SLD Y	0.	0.
61	170	~TorsionSISMA SLO X	0.	0.
61	152	~TorsionSISMA SLO X	0.	0.
61	42	~TorsionSISMA SLO X	0.	0.
61	39	~TorsionSISMA SLO X	0.	0.
61	170	~TorsionSISMA SLO Y	0.	0.
61	152	~TorsionSISMA SLO Y	0.	0.
61	42	~TorsionSISMA SLO Y	0.	0.
61	39	~TorsionSISMA SLO Y	0.	0.
62	39	G1_K	-0.47	0.31
62	42	G1_K	-0.47	0.31
62	154	G1_K	-0.47	0.31
62	171	G1_K	-0.47	0.31
62	39	G2_K	1.426E-02	-0.23
62	42	G2_K	1.426E-02	-0.23
62	154	G2_K	1.426E-02	-0.23
62	171	G2_K	1.426E-02	-0.23
62	39	Q_K	-0.32	0.21
62	42	Q_K	-0.32	0.21
62	154	Q_K	-0.32	0.21
62	171	Q_K	-0.32	0.21
62	39	N_K	-3.839E-02	2.545E-02
62	42	N_K	-3.839E-02	2.545E-02
62	154	N_K	-3.839E-02	2.545E-02
62	171	N_K	-3.839E-02	2.545E-02
62	39	T+_K	0.	0.
62	42	T+_K	0.	0.
62	154	T+_K	0.	0.
62	171	T+_K	0.	0.
62	39	T-_K	0.	0.
62	42	T-_K	0.	0.
62	154	T-_K	0.	0.
62	171	T-_K	0.	0.
62	39	G1_D	-0.61	0.4
62	42	G1_D	-0.61	0.4
62	154	G1_D	-0.61	0.4
62	171	G1_D	-0.61	0.4
62	39	G2_D	1.853E-02	-0.29
62	42	G2_D	1.853E-02	-0.29
62	154	G2_D	1.853E-02	-0.29

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
62	171	G2_D	1.853E-02	-0.29
62	39	Q_D	-0.48	0.32
62	42	Q_D	-0.48	0.32
62	154	Q_D	-0.48	0.32
62	171	Q_D	-0.48	0.32
62	39	N_D	-5.759E-02	3.818E-02
62	42	N_D	-5.759E-02	3.818E-02
62	154	N_D	-5.759E-02	3.818E-02
62	171	N_D	-5.759E-02	3.818E-02
62	39	T+_D	0.	0.
62	42	T+_D	0.	0.
62	154	T+_D	0.	0.
62	171	T+_D	0.	0.
62	39	T-_D	0.	0.
62	42	T-_D	0.	0.
62	154	T-_D	0.	0.
62	171	T-_D	0.	0.
62	39	W+_K	0.	0.
62	42	W+_K	0.	0.
62	154	W+_K	0.	0.
62	171	W+_K	0.	0.
62	39	W-_K	0.	0.
62	42	W-_K	0.	0.
62	154	W-_K	0.	0.
62	171	W-_K	0.	0.
62	39	W+_D	0.	0.
62	42	W+_D	0.	0.
62	154	W+_D	0.	0.
62	171	W+_D	0.	0.
62	39	W-_D	0.	0.
62	42	W-_D	0.	0.
62	154	W-_D	0.	0.
62	171	W-_D	0.	0.
62	39	SISMA SLV X	0.24	0.18
62	42	SISMA SLV X	0.24	0.18
62	154	SISMA SLV X	0.24	0.18
62	171	SISMA SLV X	0.24	0.18
62	39	SISMA SLV Y	0.43	0.21
62	42	SISMA SLV Y	0.43	0.21
62	154	SISMA SLV Y	0.43	0.21
62	171	SISMA SLV Y	0.43	0.21
62	39	SISMA SLD X	0.12	8.965E-02
62	42	SISMA SLD X	0.12	8.965E-02
62	154	SISMA SLD X	0.12	8.965E-02
62	171	SISMA SLD X	0.12	8.965E-02
62	39	SISMA SLD Y	0.21	0.1
62	42	SISMA SLD Y	0.21	0.1
62	154	SISMA SLD Y	0.21	0.1
62	171	SISMA SLD Y	0.21	0.1
62	39	SISMA SLO X	9.759E-02	7.427E-02
62	42	SISMA SLO X	9.759E-02	7.427E-02
62	154	SISMA SLO X	9.759E-02	7.427E-02
62	171	SISMA SLO X	9.759E-02	7.427E-02
62	39	SISMA SLO Y	0.17	8.364E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
62	42	SISMA SLO Y	0.17	8.364E-02
62	154	SISMA SLO Y	0.17	8.364E-02
62	171	SISMA SLO Y	0.17	8.364E-02
62	39	SLT	0.	0.
62	42	SLT	0.	0.
62	154	SLT	0.	0.
62	171	SLT	0.	0.
62	39	~TorsionSISMA SLV X	0.	0.
62	42	~TorsionSISMA SLV X	0.	0.
62	154	~TorsionSISMA SLV X	0.	0.
62	171	~TorsionSISMA SLV X	0.	0.
62	39	~TorsionSISMA SLV Y	0.	0.
62	42	~TorsionSISMA SLV Y	0.	0.
62	154	~TorsionSISMA SLV Y	0.	0.
62	171	~TorsionSISMA SLV Y	0.	0.
62	39	~TorsionSISMA SLD X	0.	0.
62	42	~TorsionSISMA SLD X	0.	0.
62	154	~TorsionSISMA SLD X	0.	0.
62	171	~TorsionSISMA SLD X	0.	0.
62	39	~TorsionSISMA SLD Y	0.	0.
62	42	~TorsionSISMA SLD Y	0.	0.
62	154	~TorsionSISMA SLD Y	0.	0.
62	171	~TorsionSISMA SLD Y	0.	0.
62	39	~TorsionSISMA SLO X	0.	0.
62	42	~TorsionSISMA SLO X	0.	0.
62	154	~TorsionSISMA SLO X	0.	0.
62	171	~TorsionSISMA SLO X	0.	0.
62	39	~TorsionSISMA SLO Y	0.	0.
62	42	~TorsionSISMA SLO Y	0.	0.
62	154	~TorsionSISMA SLO Y	0.	0.
62	171	~TorsionSISMA SLO Y	0.	0.
63	171	G1_K	-0.56	0.89
63	154	G1_K	-0.56	0.89
63	43	G1_K	-0.56	0.89
63	40	G1_K	-0.56	0.89

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
63	171	G2_K	3.323E-04	-0.26
63	154	G2_K	3.323E-04	-0.26
63	43	G2_K	3.323E-04	-0.26
63	40	G2_K	3.323E-04	-0.26
63	171	Q_K	-0.37	0.58
63	154	Q_K	-0.37	0.58
63	43	Q_K	-0.37	0.58
63	40	Q_K	-0.37	0.58
63	171	N_K	-4.427E-02	6.978E-02
63	154	N_K	-4.427E-02	6.978E-02
63	43	N_K	-4.427E-02	6.978E-02
63	40	N_K	-4.427E-02	6.978E-02
63	171	T+_K	0.	0.
63	154	T+_K	0.	0.
63	43	T+_K	0.	0.
63	40	T+_K	0.	0.
63	171	T-_K	0.	0.
63	154	T-_K	0.	0.
63	43	T-_K	0.	0.
63	40	T-_K	0.	0.
63	171	G1_D	-0.72	1.15
63	154	G1_D	-0.72	1.15
63	43	G1_D	-0.72	1.15
63	40	G1_D	-0.72	1.15
63	171	G2_D	4.320E-04	-0.33
63	154	G2_D	4.320E-04	-0.33
63	43	G2_D	4.320E-04	-0.33
63	40	G2_D	4.320E-04	-0.33
63	171	Q_D	-0.55	0.87
63	154	Q_D	-0.55	0.87
63	43	Q_D	-0.55	0.87
63	40	Q_D	-0.55	0.87
63	171	N_D	-6.641E-02	0.1
63	154	N_D	-6.641E-02	0.1
63	43	N_D	-6.641E-02	0.1
63	40	N_D	-6.641E-02	0.1
63	171	T+_D	0.	0.
63	154	T+_D	0.	0.
63	43	T+_D	0.	0.
63	40	T+_D	0.	0.
63	171	T-_D	0.	0.
63	154	T-_D	0.	0.
63	43	T-_D	0.	0.
63	40	T-_D	0.	0.
63	171	W+_K	0.	0.
63	154	W+_K	0.	0.
63	43	W+_K	0.	0.
63	40	W+_K	0.	0.
63	171	W-_K	0.	0.
63	154	W-_K	0.	0.
63	43	W-_K	0.	0.
63	40	W-_K	0.	0.
63	171	W+_D	0.	0.
63	154	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
63	43	W+_D	0.	0.
63	40	W+_D	0.	0.
63	171	W-_D	0.	0.
63	154	W-_D	0.	0.
63	43	W-_D	0.	0.
63	40	W-_D	0.	0.
63	171	SISMA SLV X	0.24	0.12
63	154	SISMA SLV X	0.24	0.12
63	43	SISMA SLV X	0.24	0.12
63	40	SISMA SLV X	0.24	0.12
63	171	SISMA SLV Y	0.39	8.833E-02
63	154	SISMA SLV Y	0.39	8.833E-02
63	43	SISMA SLV Y	0.39	8.833E-02
63	40	SISMA SLV Y	0.39	8.833E-02
63	171	SISMA SLD X	0.12	5.800E-02
63	154	SISMA SLD X	0.12	5.800E-02
63	43	SISMA SLD X	0.12	5.800E-02
63	40	SISMA SLD X	0.12	5.800E-02
63	171	SISMA SLD Y	0.19	4.314E-02
63	154	SISMA SLD Y	0.19	4.314E-02
63	43	SISMA SLD Y	0.19	4.314E-02
63	40	SISMA SLD Y	0.19	4.314E-02
63	171	SISMA SLO X	9.718E-02	4.804E-02
63	154	SISMA SLO X	9.718E-02	4.804E-02
63	43	SISMA SLO X	9.718E-02	4.804E-02
63	40	SISMA SLO X	9.718E-02	4.804E-02
63	171	SISMA SLO Y	0.16	3.572E-02
63	154	SISMA SLO Y	0.16	3.572E-02
63	43	SISMA SLO Y	0.16	3.572E-02
63	40	SISMA SLO Y	0.16	3.572E-02
63	171	SLT	0.	0.
63	154	SLT	0.	0.
63	43	SLT	0.	0.
63	40	SLT	0.	0.
63	171	~TorsionSISMA SLV X	0.	0.
63	154	~TorsionSISMA SLV X	0.	0.
63	43	~TorsionSISMA SLV X	0.	0.
63	40	~TorsionSISMA SLV X	0.	0.
63	171	~TorsionSISMA SLV Y	0.	0.
63	154	~TorsionSISMA SLV Y	0.	0.
63	43	~TorsionSISMA SLV Y	0.	0.
63	40	~TorsionSISMA SLV Y	0.	0.
63	171	~TorsionSISMA SLD X	0.	0.
63	154	~TorsionSISMA SLD X	0.	0.
63	43	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
63	40	~TorsionSISMA SLD X	0.	0.
63	171	~TorsionSISMA SLD Y	0.	0.
63	154	~TorsionSISMA SLD Y	0.	0.
63	43	~TorsionSISMA SLD Y	0.	0.
63	40	~TorsionSISMA SLD Y	0.	0.
63	171	~TorsionSISMA SLO X	0.	0.
63	154	~TorsionSISMA SLO X	0.	0.
63	43	~TorsionSISMA SLO X	0.	0.
63	40	~TorsionSISMA SLO X	0.	0.
63	171	~TorsionSISMA SLO Y	0.	0.
63	154	~TorsionSISMA SLO Y	0.	0.
63	43	~TorsionSISMA SLO Y	0.	0.
63	40	~TorsionSISMA SLO Y	0.	0.
64	40	G1_K	-0.61	1.49
64	43	G1_K	-0.61	1.49
64	103	G1_K	-0.61	1.49
64	115	G1_K	-0.61	1.49
64	40	G2_K	-3.854E-03	-0.18
64	43	G2_K	-3.854E-03	-0.18
64	103	G2_K	-3.854E-03	-0.18
64	115	G2_K	-3.854E-03	-0.18
64	40	Q_K	-0.4	0.97
64	43	Q_K	-0.4	0.97
64	103	Q_K	-0.4	0.97
64	115	Q_K	-0.4	0.97
64	40	N_K	-4.772E-02	0.12
64	43	N_K	-4.772E-02	0.12
64	103	N_K	-4.772E-02	0.12
64	115	N_K	-4.772E-02	0.12
64	40	T+_K	0.	0.
64	43	T+_K	0.	0.
64	103	T+_K	0.	0.
64	115	T+_K	0.	0.
64	40	T-_K	0.	0.
64	43	T-_K	0.	0.
64	103	T-_K	0.	0.
64	115	T-_K	0.	0.
64	40	G1_D	-0.79	1.94
64	43	G1_D	-0.79	1.94
64	103	G1_D	-0.79	1.94
64	115	G1_D	-0.79	1.94
64	40	G2_D	-5.010E-03	-0.24
64	43	G2_D	-5.010E-03	-0.24
64	103	G2_D	-5.010E-03	-0.24

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
64	115	G2_D	-5.010E-03	-0.24
64	40	Q_D	-0.6	1.45
64	43	Q_D	-0.6	1.45
64	103	Q_D	-0.6	1.45
64	115	Q_D	-0.6	1.45
64	40	N_D	-7.159E-02	0.17
64	43	N_D	-7.159E-02	0.17
64	103	N_D	-7.159E-02	0.17
64	115	N_D	-7.159E-02	0.17
64	40	T+_D	0.	0.
64	43	T+_D	0.	0.
64	103	T+_D	0.	0.
64	115	T+_D	0.	0.
64	40	T-_D	0.	0.
64	43	T-_D	0.	0.
64	103	T-_D	0.	0.
64	115	T-_D	0.	0.
64	40	W+_K	0.	0.
64	43	W+_K	0.	0.
64	103	W+_K	0.	0.
64	115	W+_K	0.	0.
64	40	W-_K	0.	0.
64	43	W-_K	0.	0.
64	103	W-_K	0.	0.
64	115	W-_K	0.	0.
64	40	W+_D	0.	0.
64	43	W+_D	0.	0.
64	103	W+_D	0.	0.
64	115	W+_D	0.	0.
64	40	W-_D	0.	0.
64	43	W-_D	0.	0.
64	103	W-_D	0.	0.
64	115	W-_D	0.	0.
64	40	SISMA SLV X	0.19	0.21
64	43	SISMA SLV X	0.19	0.21
64	103	SISMA SLV X	0.19	0.21
64	115	SISMA SLV X	0.19	0.21
64	40	SISMA SLV Y	0.21	0.16
64	43	SISMA SLV Y	0.21	0.16
64	103	SISMA SLV Y	0.21	0.16
64	115	SISMA SLV Y	0.21	0.16
64	40	SISMA SLD X	9.487E-02	0.1
64	43	SISMA SLD X	9.487E-02	0.1
64	103	SISMA SLD X	9.487E-02	0.1
64	115	SISMA SLD X	9.487E-02	0.1
64	40	SISMA SLD Y	0.1	8.048E-02
64	43	SISMA SLD Y	0.1	8.048E-02
64	103	SISMA SLD Y	0.1	8.048E-02
64	115	SISMA SLD Y	0.1	8.048E-02
64	40	SISMA SLO X	7.858E-02	8.317E-02
64	43	SISMA SLO X	7.858E-02	8.317E-02
64	103	SISMA SLO X	7.858E-02	8.317E-02
64	115	SISMA SLO X	7.858E-02	8.317E-02
64	40	SISMA SLO Y	8.502E-02	6.665E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
64	43	SISMA SLO Y	8.502E-02	6.665E-02
64	103	SISMA SLO Y	8.502E-02	6.665E-02
64	115	SISMA SLO Y	8.502E-02	6.665E-02
64	40	SLT	0.	0.
64	43	SLT	0.	0.
64	103	SLT	0.	0.
64	115	SLT	0.	0.
64	40	~TorsionSISMA SLV X	0.	0.
64	43	~TorsionSISMA SLV X	0.	0.
64	103	~TorsionSISMA SLV X	0.	0.
64	115	~TorsionSISMA SLV X	0.	0.
64	40	~TorsionSISMA SLV Y	0.	0.
64	43	~TorsionSISMA SLV Y	0.	0.
64	103	~TorsionSISMA SLV Y	0.	0.
64	115	~TorsionSISMA SLV Y	0.	0.
64	40	~TorsionSISMA SLD X	0.	0.
64	43	~TorsionSISMA SLD X	0.	0.
64	103	~TorsionSISMA SLD X	0.	0.
64	115	~TorsionSISMA SLD X	0.	0.
64	40	~TorsionSISMA SLD Y	0.	0.
64	43	~TorsionSISMA SLD Y	0.	0.
64	103	~TorsionSISMA SLD Y	0.	0.
64	115	~TorsionSISMA SLD Y	0.	0.
64	40	~TorsionSISMA SLO X	0.	0.
64	43	~TorsionSISMA SLO X	0.	0.
64	103	~TorsionSISMA SLO X	0.	0.
64	115	~TorsionSISMA SLO X	0.	0.
64	40	~TorsionSISMA SLO Y	0.	0.
64	43	~TorsionSISMA SLO Y	0.	0.
64	103	~TorsionSISMA SLO Y	0.	0.
64	115	~TorsionSISMA SLO Y	0.	0.
65	99	G1_K	-1.798E-02	0.4
65	150	G1_K	-1.798E-02	0.4
65	44	G1_K	-1.798E-02	0.4
65	41	G1_K	-1.798E-02	0.4

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
65	99	G2_K	-7.348E-02	0.74
65	150	G2_K	-7.348E-02	0.74
65	44	G2_K	-7.348E-02	0.74
65	41	G2_K	-7.348E-02	0.74
65	99	Q_K	1.454E-02	9.128E-02
65	150	Q_K	1.454E-02	9.128E-02
65	44	Q_K	1.454E-02	9.128E-02
65	41	Q_K	1.454E-02	9.128E-02
65	99	N_K	1.745E-03	1.095E-02
65	150	N_K	1.745E-03	1.095E-02
65	44	N_K	1.745E-03	1.095E-02
65	41	N_K	1.745E-03	1.095E-02
65	99	T+_K	0.	0.
65	150	T+_K	0.	0.
65	44	T+_K	0.	0.
65	41	T+_K	0.	0.
65	99	T-_K	0.	0.
65	150	T-_K	0.	0.
65	44	T-_K	0.	0.
65	41	T-_K	0.	0.
65	99	G1_D	-2.338E-02	0.52
65	150	G1_D	-2.338E-02	0.52
65	44	G1_D	-2.338E-02	0.52
65	41	G1_D	-2.338E-02	0.52
65	99	G2_D	-9.553E-02	0.97
65	150	G2_D	-9.553E-02	0.97
65	44	G2_D	-9.553E-02	0.97
65	41	G2_D	-9.553E-02	0.97
65	99	Q_D	2.181E-02	0.14
65	150	Q_D	2.181E-02	0.14
65	44	Q_D	2.181E-02	0.14
65	41	Q_D	2.181E-02	0.14
65	99	N_D	2.617E-03	1.643E-02
65	150	N_D	2.617E-03	1.643E-02
65	44	N_D	2.617E-03	1.643E-02
65	41	N_D	2.617E-03	1.643E-02
65	99	T+_D	0.	0.
65	150	T+_D	0.	0.
65	44	T+_D	0.	0.
65	41	T+_D	0.	0.
65	99	T-_D	0.	0.
65	150	T-_D	0.	0.
65	44	T-_D	0.	0.
65	41	T-_D	0.	0.
65	99	W+_K	0.	0.
65	150	W+_K	0.	0.
65	44	W+_K	0.	0.
65	41	W+_K	0.	0.
65	99	W-_K	0.	0.
65	150	W-_K	0.	0.
65	44	W-_K	0.	0.
65	41	W-_K	0.	0.
65	99	W+_D	0.	0.
65	150	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
65	44	W+_D	0.	0.
65	41	W+_D	0.	0.
65	99	W-_D	0.	0.
65	150	W-_D	0.	0.
65	44	W-_D	0.	0.
65	41	W-_D	0.	0.
65	99	SISMA SLV X	2.771E-02	0.88
65	150	SISMA SLV X	2.771E-02	0.88
65	44	SISMA SLV X	2.771E-02	0.88
65	41	SISMA SLV X	2.771E-02	0.88
65	99	SISMA SLV Y	2.389E-02	0.39
65	150	SISMA SLV Y	2.389E-02	0.39
65	44	SISMA SLV Y	2.389E-02	0.39
65	41	SISMA SLV Y	2.389E-02	0.39
65	99	SISMA SLD X	1.353E-02	0.43
65	150	SISMA SLD X	1.353E-02	0.43
65	44	SISMA SLD X	1.353E-02	0.43
65	41	SISMA SLD X	1.353E-02	0.43
65	99	SISMA SLD Y	1.167E-02	0.19
65	150	SISMA SLD Y	1.167E-02	0.19
65	44	SISMA SLD Y	1.167E-02	0.19
65	41	SISMA SLD Y	1.167E-02	0.19
65	99	SISMA SLO X	1.119E-02	0.36
65	150	SISMA SLO X	1.119E-02	0.36
65	44	SISMA SLO X	1.119E-02	0.36
65	41	SISMA SLO X	1.119E-02	0.36
65	99	SISMA SLO Y	9.661E-03	0.16
65	150	SISMA SLO Y	9.661E-03	0.16
65	44	SISMA SLO Y	9.661E-03	0.16
65	41	SISMA SLO Y	9.661E-03	0.16
65	99	SLT	0.	0.
65	150	SLT	0.	0.
65	44	SLT	0.	0.
65	41	SLT	0.	0.
65	99	~TorsionSISMA SLV X	0.	0.
65	150	~TorsionSISMA SLV X	0.	0.
65	44	~TorsionSISMA SLV X	0.	0.
65	41	~TorsionSISMA SLV X	0.	0.
65	99	~TorsionSISMA SLV Y	0.	0.
65	150	~TorsionSISMA SLV Y	0.	0.
65	44	~TorsionSISMA SLV Y	0.	0.
65	41	~TorsionSISMA SLV Y	0.	0.
65	99	~TorsionSISMA SLD X	0.	0.
65	150	~TorsionSISMA SLD X	0.	0.
65	44	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
65	41	~TorsionSISMA SLD X	0.	0.
65	99	~TorsionSISMA SLD Y	0.	0.
65	150	~TorsionSISMA SLD Y	0.	0.
65	44	~TorsionSISMA SLD Y	0.	0.
65	41	~TorsionSISMA SLD Y	0.	0.
65	99	~TorsionSISMA SLO X	0.	0.
65	150	~TorsionSISMA SLO X	0.	0.
65	44	~TorsionSISMA SLO X	0.	0.
65	41	~TorsionSISMA SLO X	0.	0.
65	99	~TorsionSISMA SLO Y	0.	0.
65	150	~TorsionSISMA SLO Y	0.	0.
65	44	~TorsionSISMA SLO Y	0.	0.
65	41	~TorsionSISMA SLO Y	0.	0.
66	41	G1_K	6.534E-02	-3.248E-02
66	44	G1_K	6.534E-02	-3.248E-02
66	151	G1_K	6.534E-02	-3.248E-02
66	152	G1_K	6.534E-02	-3.248E-02
66	41	G2_K	-0.16	0.29
66	44	G2_K	-0.16	0.29
66	151	G2_K	-0.16	0.29
66	152	G2_K	-0.16	0.29
66	41	Q_K	9.294E-02	-1.621E-02
66	44	Q_K	9.294E-02	-1.621E-02
66	151	Q_K	9.294E-02	-1.621E-02
66	152	Q_K	9.294E-02	-1.621E-02
66	41	N_K	1.115E-02	-1.945E-03
66	44	N_K	1.115E-02	-1.945E-03
66	151	N_K	1.115E-02	-1.945E-03
66	152	N_K	1.115E-02	-1.945E-03
66	41	T+_K	0.	0.
66	44	T+_K	0.	0.
66	151	T+_K	0.	0.
66	152	T+_K	0.	0.
66	41	T-_K	0.	0.
66	44	T-_K	0.	0.
66	151	T-_K	0.	0.
66	152	T-_K	0.	0.
66	41	G1_D	8.494E-02	-4.223E-02
66	44	G1_D	8.494E-02	-4.223E-02
66	151	G1_D	8.494E-02	-4.223E-02
66	152	G1_D	8.494E-02	-4.223E-02
66	41	G2_D	-0.21	0.38
66	44	G2_D	-0.21	0.38
66	151	G2_D	-0.21	0.38

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
66	152	G2_D	-0.21	0.38
66	41	Q_D	0.14	-2.431E-02
66	44	Q_D	0.14	-2.431E-02
66	151	Q_D	0.14	-2.431E-02
66	152	Q_D	0.14	-2.431E-02
66	41	N_D	1.673E-02	-2.917E-03
66	44	N_D	1.673E-02	-2.917E-03
66	151	N_D	1.673E-02	-2.917E-03
66	152	N_D	1.673E-02	-2.917E-03
66	41	T+_D	0.	0.
66	44	T+_D	0.	0.
66	151	T+_D	0.	0.
66	152	T+_D	0.	0.
66	41	T-_D	0.	0.
66	44	T-_D	0.	0.
66	151	T-_D	0.	0.
66	152	T-_D	0.	0.
66	41	W+_K	0.	0.
66	44	W+_K	0.	0.
66	151	W+_K	0.	0.
66	152	W+_K	0.	0.
66	41	W-_K	0.	0.
66	44	W-_K	0.	0.
66	151	W-_K	0.	0.
66	152	W-_K	0.	0.
66	41	W+_D	0.	0.
66	44	W+_D	0.	0.
66	151	W+_D	0.	0.
66	152	W+_D	0.	0.
66	41	W-_D	0.	0.
66	44	W-_D	0.	0.
66	151	W-_D	0.	0.
66	152	W-_D	0.	0.
66	41	SISMA SLV X	0.13	0.41
66	44	SISMA SLV X	0.13	0.41
66	151	SISMA SLV X	0.13	0.41
66	152	SISMA SLV X	0.13	0.41
66	41	SISMA SLV Y	8.079E-02	0.25
66	44	SISMA SLV Y	8.079E-02	0.25
66	151	SISMA SLV Y	8.079E-02	0.25
66	152	SISMA SLV Y	8.079E-02	0.25
66	41	SISMA SLD X	6.210E-02	0.2
66	44	SISMA SLD X	6.210E-02	0.2
66	151	SISMA SLD X	6.210E-02	0.2
66	152	SISMA SLD X	6.210E-02	0.2
66	41	SISMA SLD Y	3.946E-02	0.12
66	44	SISMA SLD Y	3.946E-02	0.12
66	151	SISMA SLD Y	3.946E-02	0.12
66	152	SISMA SLD Y	3.946E-02	0.12
66	41	SISMA SLO X	5.141E-02	0.16
66	44	SISMA SLO X	5.141E-02	0.16
66	151	SISMA SLO X	5.141E-02	0.16
66	152	SISMA SLO X	5.141E-02	0.16
66	41	SISMA SLO Y	3.267E-02	0.1

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
66	44	SISMA SLO Y	3.267E-02	0.1
66	151	SISMA SLO Y	3.267E-02	0.1
66	152	SISMA SLO Y	3.267E-02	0.1
66	41	SLT	0.	0.
66	44	SLT	0.	0.
66	151	SLT	0.	0.
66	152	SLT	0.	0.
66	41	~TorsionSISMA SLV X	0.	0.
66	44	~TorsionSISMA SLV X	0.	0.
66	151	~TorsionSISMA SLV X	0.	0.
66	152	~TorsionSISMA SLV X	0.	0.
66	41	~TorsionSISMA SLV Y	0.	0.
66	44	~TorsionSISMA SLV Y	0.	0.
66	151	~TorsionSISMA SLV Y	0.	0.
66	152	~TorsionSISMA SLV Y	0.	0.
66	41	~TorsionSISMA SLD X	0.	0.
66	44	~TorsionSISMA SLD X	0.	0.
66	151	~TorsionSISMA SLD X	0.	0.
66	152	~TorsionSISMA SLD X	0.	0.
66	41	~TorsionSISMA SLD Y	0.	0.
66	44	~TorsionSISMA SLD Y	0.	0.
66	151	~TorsionSISMA SLD Y	0.	0.
66	152	~TorsionSISMA SLD Y	0.	0.
66	41	~TorsionSISMA SLO X	0.	0.
66	44	~TorsionSISMA SLO X	0.	0.
66	151	~TorsionSISMA SLO X	0.	0.
66	152	~TorsionSISMA SLO X	0.	0.
66	41	~TorsionSISMA SLO Y	0.	0.
66	44	~TorsionSISMA SLO Y	0.	0.
66	151	~TorsionSISMA SLO Y	0.	0.
66	152	~TorsionSISMA SLO Y	0.	0.
67	152	G1_K	0.26	2.266E-02
67	151	G1_K	0.26	2.266E-02
67	45	G1_K	0.26	2.266E-02
67	42	G1_K	0.26	2.266E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
67	152	G2_K	-0.1	0.24
67	151	G2_K	-0.1	0.24
67	45	G2_K	-0.1	0.24
67	42	G2_K	-0.1	0.24
67	152	Q_K	0.2	2.260E-02
67	151	Q_K	0.2	2.260E-02
67	45	Q_K	0.2	2.260E-02
67	42	Q_K	0.2	2.260E-02
67	152	N_K	2.397E-02	2.712E-03
67	151	N_K	2.397E-02	2.712E-03
67	45	N_K	2.397E-02	2.712E-03
67	42	N_K	2.397E-02	2.712E-03
67	152	T+_K	0.	0.
67	151	T+_K	0.	0.
67	45	T+_K	0.	0.
67	42	T+_K	0.	0.
67	152	T-_K	0.	0.
67	151	T-_K	0.	0.
67	45	T-_K	0.	0.
67	42	T-_K	0.	0.
67	152	G1_D	0.34	2.946E-02
67	151	G1_D	0.34	2.946E-02
67	45	G1_D	0.34	2.946E-02
67	42	G1_D	0.34	2.946E-02
67	152	G2_D	-0.13	0.31
67	151	G2_D	-0.13	0.31
67	45	G2_D	-0.13	0.31
67	42	G2_D	-0.13	0.31
67	152	Q_D	0.3	3.390E-02
67	151	Q_D	0.3	3.390E-02
67	45	Q_D	0.3	3.390E-02
67	42	Q_D	0.3	3.390E-02
67	152	N_D	3.596E-02	4.068E-03
67	151	N_D	3.596E-02	4.068E-03
67	45	N_D	3.596E-02	4.068E-03
67	42	N_D	3.596E-02	4.068E-03
67	152	T+_D	0.	0.
67	151	T+_D	0.	0.
67	45	T+_D	0.	0.
67	42	T+_D	0.	0.
67	152	T-_D	0.	0.
67	151	T-_D	0.	0.
67	45	T-_D	0.	0.
67	42	T-_D	0.	0.
67	152	W+_K	0.	0.
67	151	W+_K	0.	0.
67	45	W+_K	0.	0.
67	42	W+_K	0.	0.
67	152	W-_K	0.	0.
67	151	W-_K	0.	0.
67	45	W-_K	0.	0.
67	42	W-_K	0.	0.
67	152	W+_D	0.	0.
67	151	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
67	45	W+_D	0.	0.
67	42	W+_D	0.	0.
67	152	W-_D	0.	0.
67	151	W-_D	0.	0.
67	45	W-_D	0.	0.
67	42	W-_D	0.	0.
67	152	SISMA SLV X	0.33	0.33
67	151	SISMA SLV X	0.33	0.33
67	45	SISMA SLV X	0.33	0.33
67	42	SISMA SLV X	0.33	0.33
67	152	SISMA SLV Y	0.19	0.23
67	151	SISMA SLV Y	0.19	0.23
67	45	SISMA SLV Y	0.19	0.23
67	42	SISMA SLV Y	0.19	0.23
67	152	SISMA SLD X	0.16	0.16
67	151	SISMA SLD X	0.16	0.16
67	45	SISMA SLD X	0.16	0.16
67	42	SISMA SLD X	0.16	0.16
67	152	SISMA SLD Y	9.484E-02	0.11
67	151	SISMA SLD Y	9.484E-02	0.11
67	45	SISMA SLD Y	9.484E-02	0.11
67	42	SISMA SLD Y	9.484E-02	0.11
67	152	SISMA SLO X	0.13	0.13
67	151	SISMA SLO X	0.13	0.13
67	45	SISMA SLO X	0.13	0.13
67	42	SISMA SLO X	0.13	0.13
67	152	SISMA SLO Y	7.854E-02	9.264E-02
67	151	SISMA SLO Y	7.854E-02	9.264E-02
67	45	SISMA SLO Y	7.854E-02	9.264E-02
67	42	SISMA SLO Y	7.854E-02	9.264E-02
67	152	SLT	0.	0.
67	151	SLT	0.	0.
67	45	SLT	0.	0.
67	42	SLT	0.	0.
67	152	~TorsionSISMA SLV X	0.	0.
67	151	~TorsionSISMA SLV X	0.	0.
67	45	~TorsionSISMA SLV X	0.	0.
67	42	~TorsionSISMA SLV X	0.	0.
67	152	~TorsionSISMA SLV Y	0.	0.
67	151	~TorsionSISMA SLV Y	0.	0.
67	45	~TorsionSISMA SLV Y	0.	0.
67	42	~TorsionSISMA SLV Y	0.	0.
67	152	~TorsionSISMA SLD X	0.	0.
67	151	~TorsionSISMA SLD X	0.	0.
67	45	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
67	42	~TorsionSISMA SLD X	0.	0.
67	152	~TorsionSISMA SLD Y	0.	0.
67	151	~TorsionSISMA SLD Y	0.	0.
67	45	~TorsionSISMA SLD Y	0.	0.
67	42	~TorsionSISMA SLD Y	0.	0.
67	152	~TorsionSISMA SLO X	0.	0.
67	151	~TorsionSISMA SLO X	0.	0.
67	45	~TorsionSISMA SLO X	0.	0.
67	42	~TorsionSISMA SLO X	0.	0.
67	152	~TorsionSISMA SLO Y	0.	0.
67	151	~TorsionSISMA SLO Y	0.	0.
67	45	~TorsionSISMA SLO Y	0.	0.
67	42	~TorsionSISMA SLO Y	0.	0.
68	42	G1_K	0.48	0.23
68	45	G1_K	0.48	0.23
68	153	G1_K	0.48	0.23
68	154	G1_K	0.48	0.23
68	42	G2_K	-6.248E-02	0.18
68	45	G2_K	-6.248E-02	0.18
68	153	G2_K	-6.248E-02	0.18
68	154	G2_K	-6.248E-02	0.18
68	42	Q_K	0.33	0.16
68	45	Q_K	0.33	0.16
68	153	Q_K	0.33	0.16
68	154	Q_K	0.33	0.16
68	42	N_K	3.910E-02	1.969E-02
68	45	N_K	3.910E-02	1.969E-02
68	153	N_K	3.910E-02	1.969E-02
68	154	N_K	3.910E-02	1.969E-02
68	42	T+_K	0.	0.
68	45	T+_K	0.	0.
68	153	T+_K	0.	0.
68	154	T+_K	0.	0.
68	42	T-_K	0.	0.
68	45	T-_K	0.	0.
68	153	T-_K	0.	0.
68	154	T-_K	0.	0.
68	42	G1_D	0.62	0.3
68	45	G1_D	0.62	0.3
68	153	G1_D	0.62	0.3
68	154	G1_D	0.62	0.3
68	42	G2_D	-8.123E-02	0.24
68	45	G2_D	-8.123E-02	0.24
68	153	G2_D	-8.123E-02	0.24

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
68	154	G2_D	-8.123E-02	0.24
68	42	Q_D	0.49	0.25
68	45	Q_D	0.49	0.25
68	153	Q_D	0.49	0.25
68	154	Q_D	0.49	0.25
68	42	N_D	5.865E-02	2.954E-02
68	45	N_D	5.865E-02	2.954E-02
68	153	N_D	5.865E-02	2.954E-02
68	154	N_D	5.865E-02	2.954E-02
68	42	T+_D	0.	0.
68	45	T+_D	0.	0.
68	153	T+_D	0.	0.
68	154	T+_D	0.	0.
68	42	T-_D	0.	0.
68	45	T-_D	0.	0.
68	153	T-_D	0.	0.
68	154	T-_D	0.	0.
68	42	W+_K	0.	0.
68	45	W+_K	0.	0.
68	153	W+_K	0.	0.
68	154	W+_K	0.	0.
68	42	W-_K	0.	0.
68	45	W-_K	0.	0.
68	153	W-_K	0.	0.
68	154	W-_K	0.	0.
68	42	W+_D	0.	0.
68	45	W+_D	0.	0.
68	153	W+_D	0.	0.
68	154	W+_D	0.	0.
68	42	W-_D	0.	0.
68	45	W-_D	0.	0.
68	153	W-_D	0.	0.
68	154	W-_D	0.	0.
68	42	SISMA SLV X	0.45	0.25
68	45	SISMA SLV X	0.45	0.25
68	153	SISMA SLV X	0.45	0.25
68	154	SISMA SLV X	0.45	0.25
68	42	SISMA SLV Y	0.27	0.18
68	45	SISMA SLV Y	0.27	0.18
68	153	SISMA SLV Y	0.27	0.18
68	154	SISMA SLV Y	0.27	0.18
68	42	SISMA SLD X	0.22	0.12
68	45	SISMA SLD X	0.22	0.12
68	153	SISMA SLD X	0.22	0.12
68	154	SISMA SLD X	0.22	0.12
68	42	SISMA SLD Y	0.13	8.895E-02
68	45	SISMA SLD Y	0.13	8.895E-02
68	153	SISMA SLD Y	0.13	8.895E-02
68	154	SISMA SLD Y	0.13	8.895E-02
68	42	SISMA SLO X	0.18	0.1
68	45	SISMA SLO X	0.18	0.1
68	153	SISMA SLO X	0.18	0.1
68	154	SISMA SLO X	0.18	0.1
68	42	SISMA SLO Y	0.11	7.369E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
68	45	SISMA SLO Y	0.11	7.369E-02
68	153	SISMA SLO Y	0.11	7.369E-02
68	154	SISMA SLO Y	0.11	7.369E-02
68	42	SLT	0.	0.
68	45	SLT	0.	0.
68	153	SLT	0.	0.
68	154	SLT	0.	0.
68	42	~TorsionSISMA SLV X	0.	0.
68	45	~TorsionSISMA SLV X	0.	0.
68	153	~TorsionSISMA SLV X	0.	0.
68	154	~TorsionSISMA SLV X	0.	0.
68	42	~TorsionSISMA SLV Y	0.	0.
68	45	~TorsionSISMA SLV Y	0.	0.
68	153	~TorsionSISMA SLV Y	0.	0.
68	154	~TorsionSISMA SLV Y	0.	0.
68	42	~TorsionSISMA SLD X	0.	0.
68	45	~TorsionSISMA SLD X	0.	0.
68	153	~TorsionSISMA SLD X	0.	0.
68	154	~TorsionSISMA SLD X	0.	0.
68	42	~TorsionSISMA SLD Y	0.	0.
68	45	~TorsionSISMA SLD Y	0.	0.
68	153	~TorsionSISMA SLD Y	0.	0.
68	154	~TorsionSISMA SLD Y	0.	0.
68	42	~TorsionSISMA SLO X	0.	0.
68	45	~TorsionSISMA SLO X	0.	0.
68	153	~TorsionSISMA SLO X	0.	0.
68	154	~TorsionSISMA SLO X	0.	0.
68	42	~TorsionSISMA SLO Y	0.	0.
68	45	~TorsionSISMA SLO Y	0.	0.
68	153	~TorsionSISMA SLO Y	0.	0.
68	154	~TorsionSISMA SLO Y	0.	0.
69	154	G1_K	0.56	0.78
69	153	G1_K	0.56	0.78
69	46	G1_K	0.56	0.78
69	43	G1_K	0.56	0.78

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
69	154	G2_K	-1.289E-02	0.15
69	153	G2_K	-1.289E-02	0.15
69	46	G2_K	-1.289E-02	0.15
69	43	G2_K	-1.289E-02	0.15
69	154	Q_K	0.38	0.52
69	153	Q_K	0.38	0.52
69	46	Q_K	0.38	0.52
69	43	Q_K	0.38	0.52
69	154	N_K	4.508E-02	6.183E-02
69	153	N_K	4.508E-02	6.183E-02
69	46	N_K	4.508E-02	6.183E-02
69	43	N_K	4.508E-02	6.183E-02
69	154	T+_K	0.	0.
69	153	T+_K	0.	0.
69	46	T+_K	0.	0.
69	43	T+_K	0.	0.
69	154	T-_K	0.	0.
69	153	T-_K	0.	0.
69	46	T-_K	0.	0.
69	43	T-_K	0.	0.
69	154	G1_D	0.73	1.02
69	153	G1_D	0.73	1.02
69	46	G1_D	0.73	1.02
69	43	G1_D	0.73	1.02
69	154	G2_D	-1.676E-02	0.2
69	153	G2_D	-1.676E-02	0.2
69	46	G2_D	-1.676E-02	0.2
69	43	G2_D	-1.676E-02	0.2
69	154	Q_D	0.56	0.77
69	153	Q_D	0.56	0.77
69	46	Q_D	0.56	0.77
69	43	Q_D	0.56	0.77
69	154	N_D	6.761E-02	9.275E-02
69	153	N_D	6.761E-02	9.275E-02
69	46	N_D	6.761E-02	9.275E-02
69	43	N_D	6.761E-02	9.275E-02
69	154	T+_D	0.	0.
69	153	T+_D	0.	0.
69	46	T+_D	0.	0.
69	43	T+_D	0.	0.
69	154	T-_D	0.	0.
69	153	T-_D	0.	0.
69	46	T-_D	0.	0.
69	43	T-_D	0.	0.
69	154	W+_K	0.	0.
69	153	W+_K	0.	0.
69	46	W+_K	0.	0.
69	43	W+_K	0.	0.
69	154	W-_K	0.	0.
69	153	W-_K	0.	0.
69	46	W-_K	0.	0.
69	43	W-_K	0.	0.
69	154	W+_D	0.	0.
69	153	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
69	46	W+_D	0.	0.
69	43	W+_D	0.	0.
69	154	W-_D	0.	0.
69	153	W-_D	0.	0.
69	46	W-_D	0.	0.
69	43	W-_D	0.	0.
69	154	SISMA SLV X	0.43	0.2
69	153	SISMA SLV X	0.43	0.2
69	46	SISMA SLV X	0.43	0.2
69	43	SISMA SLV X	0.43	0.2
69	154	SISMA SLV Y	0.29	0.12
69	153	SISMA SLV Y	0.29	0.12
69	46	SISMA SLV Y	0.29	0.12
69	43	SISMA SLV Y	0.29	0.12
69	154	SISMA SLD X	0.21	9.852E-02
69	153	SISMA SLD X	0.21	9.852E-02
69	46	SISMA SLD X	0.21	9.852E-02
69	43	SISMA SLD X	0.21	9.852E-02
69	154	SISMA SLD Y	0.14	5.745E-02
69	153	SISMA SLD Y	0.14	5.745E-02
69	46	SISMA SLD Y	0.14	5.745E-02
69	43	SISMA SLD Y	0.14	5.745E-02
69	154	SISMA SLO X	0.17	8.162E-02
69	153	SISMA SLO X	0.17	8.162E-02
69	46	SISMA SLO X	0.17	8.162E-02
69	43	SISMA SLO X	0.17	8.162E-02
69	154	SISMA SLO Y	0.12	4.759E-02
69	153	SISMA SLO Y	0.12	4.759E-02
69	46	SISMA SLO Y	0.12	4.759E-02
69	43	SISMA SLO Y	0.12	4.759E-02
69	154	SLT	0.	0.
69	153	SLT	0.	0.
69	46	SLT	0.	0.
69	43	SLT	0.	0.
69	154	~TorsionSISMA SLV X	0.	0.
69	153	~TorsionSISMA SLV X	0.	0.
69	46	~TorsionSISMA SLV X	0.	0.
69	43	~TorsionSISMA SLV X	0.	0.
69	154	~TorsionSISMA SLV Y	0.	0.
69	153	~TorsionSISMA SLV Y	0.	0.
69	46	~TorsionSISMA SLV Y	0.	0.
69	43	~TorsionSISMA SLV Y	0.	0.
69	154	~TorsionSISMA SLD X	0.	0.
69	153	~TorsionSISMA SLD X	0.	0.
69	46	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
69	43	~TorsionSISMA SLD X	0.	0.
69	154	~TorsionSISMA SLD Y	0.	0.
69	153	~TorsionSISMA SLD Y	0.	0.
69	46	~TorsionSISMA SLD Y	0.	0.
69	43	~TorsionSISMA SLD Y	0.	0.
69	154	~TorsionSISMA SLO X	0.	0.
69	153	~TorsionSISMA SLO X	0.	0.
69	46	~TorsionSISMA SLO X	0.	0.
69	43	~TorsionSISMA SLO X	0.	0.
69	154	~TorsionSISMA SLO Y	0.	0.
69	153	~TorsionSISMA SLO Y	0.	0.
69	46	~TorsionSISMA SLO Y	0.	0.
69	43	~TorsionSISMA SLO Y	0.	0.
70	43	G1_K	0.58	1.41
70	46	G1_K	0.58	1.41
70	113	G1_K	0.58	1.41
70	103	G1_K	0.58	1.41
70	43	G2_K	4.660E-02	0.16
70	46	G2_K	4.660E-02	0.16
70	113	G2_K	4.660E-02	0.16
70	103	G2_K	4.660E-02	0.16
70	43	Q_K	0.38	0.92
70	46	Q_K	0.38	0.92
70	113	Q_K	0.38	0.92
70	103	Q_K	0.38	0.92
70	43	N_K	4.565E-02	0.11
70	46	N_K	4.565E-02	0.11
70	113	N_K	4.565E-02	0.11
70	103	N_K	4.565E-02	0.11
70	43	T+_K	0.	0.
70	46	T+_K	0.	0.
70	113	T+_K	0.	0.
70	103	T+_K	0.	0.
70	43	T-_K	0.	0.
70	46	T-_K	0.	0.
70	113	T-_K	0.	0.
70	103	T-_K	0.	0.
70	43	G1_D	0.75	1.83
70	46	G1_D	0.75	1.83
70	113	G1_D	0.75	1.83
70	103	G1_D	0.75	1.83
70	43	G2_D	6.058E-02	0.21
70	46	G2_D	6.058E-02	0.21
70	113	G2_D	6.058E-02	0.21

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
70	103	G2_D	6.058E-02	0.21
70	43	Q_D	0.57	1.38
70	46	Q_D	0.57	1.38
70	113	Q_D	0.57	1.38
70	103	Q_D	0.57	1.38
70	43	N_D	6.847E-02	0.17
70	46	N_D	6.847E-02	0.17
70	113	N_D	6.847E-02	0.17
70	103	N_D	6.847E-02	0.17
70	43	T+_D	0.	0.
70	46	T+_D	0.	0.
70	113	T+_D	0.	0.
70	103	T+_D	0.	0.
70	43	T-_D	0.	0.
70	46	T-_D	0.	0.
70	113	T-_D	0.	0.
70	103	T-_D	0.	0.
70	43	W+_K	0.	0.
70	46	W+_K	0.	0.
70	113	W+_K	0.	0.
70	103	W+_K	0.	0.
70	43	W-_K	0.	0.
70	46	W-_K	0.	0.
70	113	W-_K	0.	0.
70	103	W-_K	0.	0.
70	43	W+_D	0.	0.
70	46	W+_D	0.	0.
70	113	W+_D	0.	0.
70	103	W+_D	0.	0.
70	43	W-_D	0.	0.
70	46	W-_D	0.	0.
70	113	W-_D	0.	0.
70	103	W-_D	0.	0.
70	43	SISMA SLV X	0.25	0.17
70	46	SISMA SLV X	0.25	0.17
70	113	SISMA SLV X	0.25	0.17
70	103	SISMA SLV X	0.25	0.17
70	43	SISMA SLV Y	0.24	9.396E-02
70	46	SISMA SLV Y	0.24	9.396E-02
70	113	SISMA SLV Y	0.24	9.396E-02
70	103	SISMA SLV Y	0.24	9.396E-02
70	43	SISMA SLD X	0.12	8.379E-02
70	46	SISMA SLD X	0.12	8.379E-02
70	113	SISMA SLD X	0.12	8.379E-02
70	103	SISMA SLD X	0.12	8.379E-02
70	43	SISMA SLD Y	0.12	4.588E-02
70	46	SISMA SLD Y	0.12	4.588E-02
70	113	SISMA SLD Y	0.12	4.588E-02
70	103	SISMA SLD Y	0.12	4.588E-02
70	43	SISMA SLO X	0.1	6.939E-02
70	46	SISMA SLO X	0.1	6.939E-02
70	113	SISMA SLO X	0.1	6.939E-02
70	103	SISMA SLO X	0.1	6.939E-02
70	43	SISMA SLO Y	9.603E-02	3.797E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
70	46	SISMA SLO Y	9.603E-02	3.797E-02
70	113	SISMA SLO Y	9.603E-02	3.797E-02
70	103	SISMA SLO Y	9.603E-02	3.797E-02
70	43	SLT	0.	0.
70	46	SLT	0.	0.
70	113	SLT	0.	0.
70	103	SLT	0.	0.
70	43	~TorsionSISMA SLV X	0.	0.
70	46	~TorsionSISMA SLV X	0.	0.
70	113	~TorsionSISMA SLV X	0.	0.
70	103	~TorsionSISMA SLV X	0.	0.
70	43	~TorsionSISMA SLV Y	0.	0.
70	46	~TorsionSISMA SLV Y	0.	0.
70	113	~TorsionSISMA SLV Y	0.	0.
70	103	~TorsionSISMA SLV Y	0.	0.
70	43	~TorsionSISMA SLD X	0.	0.
70	46	~TorsionSISMA SLD X	0.	0.
70	113	~TorsionSISMA SLD X	0.	0.
70	103	~TorsionSISMA SLD X	0.	0.
70	43	~TorsionSISMA SLD Y	0.	0.
70	46	~TorsionSISMA SLD Y	0.	0.
70	113	~TorsionSISMA SLD Y	0.	0.
70	103	~TorsionSISMA SLD Y	0.	0.
70	43	~TorsionSISMA SLO X	0.	0.
70	46	~TorsionSISMA SLO X	0.	0.
70	113	~TorsionSISMA SLO X	0.	0.
70	103	~TorsionSISMA SLO X	0.	0.
70	43	~TorsionSISMA SLO Y	0.	0.
70	46	~TorsionSISMA SLO Y	0.	0.
70	113	~TorsionSISMA SLO Y	0.	0.
70	103	~TorsionSISMA SLO Y	0.	0.
71	150	G1_K	6.026E-03	0.42
71	155	G1_K	6.026E-03	0.42
71	47	G1_K	6.026E-03	0.42
71	44	G1_K	6.026E-03	0.42

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
71	150	G2_K	-2.647E-03	0.38
71	155	G2_K	-2.647E-03	0.38
71	47	G2_K	-2.647E-03	0.38
71	44	G2_K	-2.647E-03	0.38
71	150	Q_K	4.025E-03	0.23
71	155	Q_K	4.025E-03	0.23
71	47	Q_K	4.025E-03	0.23
71	44	Q_K	4.025E-03	0.23
71	150	N_K	4.831E-04	2.723E-02
71	155	N_K	4.831E-04	2.723E-02
71	47	N_K	4.831E-04	2.723E-02
71	44	N_K	4.831E-04	2.723E-02
71	150	T+_K	0.	0.
71	155	T+_K	0.	0.
71	47	T+_K	0.	0.
71	44	T+_K	0.	0.
71	150	T-_K	0.	0.
71	155	T-_K	0.	0.
71	47	T-_K	0.	0.
71	44	T-_K	0.	0.
71	150	G1_D	7.834E-03	0.54
71	155	G1_D	7.834E-03	0.54
71	47	G1_D	7.834E-03	0.54
71	44	G1_D	7.834E-03	0.54
71	150	G2_D	-3.442E-03	0.5
71	155	G2_D	-3.442E-03	0.5
71	47	G2_D	-3.442E-03	0.5
71	44	G2_D	-3.442E-03	0.5
71	150	Q_D	6.038E-03	0.34
71	155	Q_D	6.038E-03	0.34
71	47	Q_D	6.038E-03	0.34
71	44	Q_D	6.038E-03	0.34
71	150	N_D	7.246E-04	4.085E-02
71	155	N_D	7.246E-04	4.085E-02
71	47	N_D	7.246E-04	4.085E-02
71	44	N_D	7.246E-04	4.085E-02
71	150	T+_D	0.	0.
71	155	T+_D	0.	0.
71	47	T+_D	0.	0.
71	44	T+_D	0.	0.
71	150	T-_D	0.	0.
71	155	T-_D	0.	0.
71	47	T-_D	0.	0.
71	44	T-_D	0.	0.
71	150	W+_K	0.	0.
71	155	W+_K	0.	0.
71	47	W+_K	0.	0.
71	44	W+_K	0.	0.
71	150	W-_K	0.	0.
71	155	W-_K	0.	0.
71	47	W-_K	0.	0.
71	44	W-_K	0.	0.
71	150	W+_D	0.	0.
71	155	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
71	47	W+_D	0.	0.
71	44	W+_D	0.	0.
71	150	W-_D	0.	0.
71	155	W-_D	0.	0.
71	47	W-_D	0.	0.
71	44	W-_D	0.	0.
71	150	SISMA SLV X	1.066E-02	1.03
71	155	SISMA SLV X	1.066E-02	1.03
71	47	SISMA SLV X	1.066E-02	1.03
71	44	SISMA SLV X	1.066E-02	1.03
71	150	SISMA SLV Y	1.273E-02	0.45
71	155	SISMA SLV Y	1.273E-02	0.45
71	47	SISMA SLV Y	1.273E-02	0.45
71	44	SISMA SLV Y	1.273E-02	0.45
71	150	SISMA SLD X	5.202E-03	0.5
71	155	SISMA SLD X	5.202E-03	0.5
71	47	SISMA SLD X	5.202E-03	0.5
71	44	SISMA SLD X	5.202E-03	0.5
71	150	SISMA SLD Y	6.216E-03	0.22
71	155	SISMA SLD Y	6.216E-03	0.22
71	47	SISMA SLD Y	6.216E-03	0.22
71	44	SISMA SLD Y	6.216E-03	0.22
71	150	SISMA SLO X	4.297E-03	0.42
71	155	SISMA SLO X	4.297E-03	0.42
71	47	SISMA SLO X	4.297E-03	0.42
71	44	SISMA SLO X	4.297E-03	0.42
71	150	SISMA SLO Y	5.144E-03	0.18
71	155	SISMA SLO Y	5.144E-03	0.18
71	47	SISMA SLO Y	5.144E-03	0.18
71	44	SISMA SLO Y	5.144E-03	0.18
71	150	SLT	0.	0.
71	155	SLT	0.	0.
71	47	SLT	0.	0.
71	44	SLT	0.	0.
71	150	~TorsionSISMA SLV X	0.	0.
71	155	~TorsionSISMA SLV X	0.	0.
71	47	~TorsionSISMA SLV X	0.	0.
71	44	~TorsionSISMA SLV X	0.	0.
71	150	~TorsionSISMA SLV Y	0.	0.
71	155	~TorsionSISMA SLV Y	0.	0.
71	47	~TorsionSISMA SLV Y	0.	0.
71	44	~TorsionSISMA SLV Y	0.	0.
71	150	~TorsionSISMA SLD X	0.	0.
71	155	~TorsionSISMA SLD X	0.	0.
71	47	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
71	44	~TorsionSISMA SLD X	0.	0.
71	150	~TorsionSISMA SLD Y	0.	0.
71	155	~TorsionSISMA SLD Y	0.	0.
71	47	~TorsionSISMA SLD Y	0.	0.
71	44	~TorsionSISMA SLD Y	0.	0.
71	150	~TorsionSISMA SLO X	0.	0.
71	155	~TorsionSISMA SLO X	0.	0.
71	47	~TorsionSISMA SLO X	0.	0.
71	44	~TorsionSISMA SLO X	0.	0.
71	150	~TorsionSISMA SLO Y	0.	0.
71	155	~TorsionSISMA SLO Y	0.	0.
71	47	~TorsionSISMA SLO Y	0.	0.
71	44	~TorsionSISMA SLO Y	0.	0.
72	44	G1_K	2.839E-02	0.43
72	47	G1_K	2.839E-02	0.43
72	156	G1_K	2.839E-02	0.43
72	151	G1_K	2.839E-02	0.43
72	44	G2_K	-2.327E-02	0.34
72	47	G2_K	-2.327E-02	0.34
72	156	G2_K	-2.327E-02	0.34
72	151	G2_K	-2.327E-02	0.34
72	44	Q_K	2.774E-02	0.25
72	47	Q_K	2.774E-02	0.25
72	156	Q_K	2.774E-02	0.25
72	151	Q_K	2.774E-02	0.25
72	44	N_K	3.328E-03	2.992E-02
72	47	N_K	3.328E-03	2.992E-02
72	156	N_K	3.328E-03	2.992E-02
72	151	N_K	3.328E-03	2.992E-02
72	44	T+_K	0.	0.
72	47	T+_K	0.	0.
72	156	T+_K	0.	0.
72	151	T+_K	0.	0.
72	44	T-_K	0.	0.
72	47	T-_K	0.	0.
72	156	T-_K	0.	0.
72	151	T-_K	0.	0.
72	44	G1_D	3.691E-02	0.56
72	47	G1_D	3.691E-02	0.56
72	156	G1_D	3.691E-02	0.56
72	151	G1_D	3.691E-02	0.56
72	44	G2_D	-3.026E-02	0.45
72	47	G2_D	-3.026E-02	0.45
72	156	G2_D	-3.026E-02	0.45

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
72	151	G2_D	-3.026E-02	0.45
72	44	Q_D	4.161E-02	0.37
72	47	Q_D	4.161E-02	0.37
72	156	Q_D	4.161E-02	0.37
72	151	Q_D	4.161E-02	0.37
72	44	N_D	4.993E-03	4.488E-02
72	47	N_D	4.993E-03	4.488E-02
72	156	N_D	4.993E-03	4.488E-02
72	151	N_D	4.993E-03	4.488E-02
72	44	T+_D	0.	0.
72	47	T+_D	0.	0.
72	156	T+_D	0.	0.
72	151	T+_D	0.	0.
72	44	T-_D	0.	0.
72	47	T-_D	0.	0.
72	156	T-_D	0.	0.
72	151	T-_D	0.	0.
72	44	W+_K	0.	0.
72	47	W+_K	0.	0.
72	156	W+_K	0.	0.
72	151	W+_K	0.	0.
72	44	W-_K	0.	0.
72	47	W-_K	0.	0.
72	156	W-_K	0.	0.
72	151	W-_K	0.	0.
72	44	W+_D	0.	0.
72	47	W+_D	0.	0.
72	156	W+_D	0.	0.
72	151	W+_D	0.	0.
72	44	W-_D	0.	0.
72	47	W-_D	0.	0.
72	156	W-_D	0.	0.
72	151	W-_D	0.	0.
72	44	SISMA SLV X	7.440E-02	0.88
72	47	SISMA SLV X	7.440E-02	0.88
72	156	SISMA SLV X	7.440E-02	0.88
72	151	SISMA SLV X	7.440E-02	0.88
72	44	SISMA SLV Y	7.482E-02	0.4
72	47	SISMA SLV Y	7.482E-02	0.4
72	156	SISMA SLV Y	7.482E-02	0.4
72	151	SISMA SLV Y	7.482E-02	0.4
72	44	SISMA SLD X	3.634E-02	0.43
72	47	SISMA SLD X	3.634E-02	0.43
72	156	SISMA SLD X	3.634E-02	0.43
72	151	SISMA SLD X	3.634E-02	0.43
72	44	SISMA SLD Y	3.654E-02	0.19
72	47	SISMA SLD Y	3.654E-02	0.19
72	156	SISMA SLD Y	3.654E-02	0.19
72	151	SISMA SLD Y	3.654E-02	0.19
72	44	SISMA SLO X	3.008E-02	0.36
72	47	SISMA SLO X	3.008E-02	0.36
72	156	SISMA SLO X	3.008E-02	0.36
72	151	SISMA SLO X	3.008E-02	0.36
72	44	SISMA SLO Y	3.026E-02	0.16

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
72	47	SISMA SLO Y	3.026E-02	0.16
72	156	SISMA SLO Y	3.026E-02	0.16
72	151	SISMA SLO Y	3.026E-02	0.16
72	44	SLT	0.	0.
72	47	SLT	0.	0.
72	156	SLT	0.	0.
72	151	SLT	0.	0.
72	44	~TorsionSISMA SLV X	0.	0.
72	47	~TorsionSISMA SLV X	0.	0.
72	156	~TorsionSISMA SLV X	0.	0.
72	151	~TorsionSISMA SLV X	0.	0.
72	44	~TorsionSISMA SLV Y	0.	0.
72	47	~TorsionSISMA SLV Y	0.	0.
72	156	~TorsionSISMA SLV Y	0.	0.
72	151	~TorsionSISMA SLV Y	0.	0.
72	44	~TorsionSISMA SLD X	0.	0.
72	47	~TorsionSISMA SLD X	0.	0.
72	156	~TorsionSISMA SLD X	0.	0.
72	151	~TorsionSISMA SLD X	0.	0.
72	44	~TorsionSISMA SLD Y	0.	0.
72	47	~TorsionSISMA SLD Y	0.	0.
72	156	~TorsionSISMA SLD Y	0.	0.
72	151	~TorsionSISMA SLD Y	0.	0.
72	44	~TorsionSISMA SLO X	0.	0.
72	47	~TorsionSISMA SLO X	0.	0.
72	156	~TorsionSISMA SLO X	0.	0.
72	151	~TorsionSISMA SLO X	0.	0.
72	44	~TorsionSISMA SLO Y	0.	0.
72	47	~TorsionSISMA SLO Y	0.	0.
72	156	~TorsionSISMA SLO Y	0.	0.
72	151	~TorsionSISMA SLO Y	0.	0.
73	151	G1_K	9.068E-02	0.51
73	156	G1_K	9.068E-02	0.51
73	48	G1_K	9.068E-02	0.51
73	45	G1_K	9.068E-02	0.51

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
73	151	G2_K	-2.137E-02	0.3
73	156	G2_K	-2.137E-02	0.3
73	48	G2_K	-2.137E-02	0.3
73	45	G2_K	-2.137E-02	0.3
73	151	Q_K	6.537E-02	0.31
73	156	Q_K	6.537E-02	0.31
73	48	Q_K	6.537E-02	0.31
73	45	Q_K	6.537E-02	0.31
73	151	N_K	7.845E-03	3.710E-02
73	156	N_K	7.845E-03	3.710E-02
73	48	N_K	7.845E-03	3.710E-02
73	45	N_K	7.845E-03	3.710E-02
73	151	T+_K	0.	0.
73	156	T+_K	0.	0.
73	48	T+_K	0.	0.
73	45	T+_K	0.	0.
73	151	T-_K	0.	0.
73	156	T-_K	0.	0.
73	48	T-_K	0.	0.
73	45	T-_K	0.	0.
73	151	G1_D	0.12	0.66
73	156	G1_D	0.12	0.66
73	48	G1_D	0.12	0.66
73	45	G1_D	0.12	0.66
73	151	G2_D	-2.778E-02	0.39
73	156	G2_D	-2.778E-02	0.39
73	48	G2_D	-2.778E-02	0.39
73	45	G2_D	-2.778E-02	0.39
73	151	Q_D	9.806E-02	0.46
73	156	Q_D	9.806E-02	0.46
73	48	Q_D	9.806E-02	0.46
73	45	Q_D	9.806E-02	0.46
73	151	N_D	1.177E-02	5.566E-02
73	156	N_D	1.177E-02	5.566E-02
73	48	N_D	1.177E-02	5.566E-02
73	45	N_D	1.177E-02	5.566E-02
73	151	T+_D	0.	0.
73	156	T+_D	0.	0.
73	48	T+_D	0.	0.
73	45	T+_D	0.	0.
73	151	T-_D	0.	0.
73	156	T-_D	0.	0.
73	48	T-_D	0.	0.
73	45	T-_D	0.	0.
73	151	W+_K	0.	0.
73	156	W+_K	0.	0.
73	48	W+_K	0.	0.
73	45	W+_K	0.	0.
73	151	W-_K	0.	0.
73	156	W-_K	0.	0.
73	48	W-_K	0.	0.
73	45	W-_K	0.	0.
73	151	W+_D	0.	0.
73	156	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
73	48	W+_D	0.	0.
73	45	W+_D	0.	0.
73	151	W-_D	0.	0.
73	156	W-_D	0.	0.
73	48	W-_D	0.	0.
73	45	W-_D	0.	0.
73	151	SISMA SLV X	0.14	0.68
73	156	SISMA SLV X	0.14	0.68
73	48	SISMA SLV X	0.14	0.68
73	45	SISMA SLV X	0.14	0.68
73	151	SISMA SLV Y	0.13	0.31
73	156	SISMA SLV Y	0.13	0.31
73	48	SISMA SLV Y	0.13	0.31
73	45	SISMA SLV Y	0.13	0.31
73	151	SISMA SLD X	6.939E-02	0.33
73	156	SISMA SLD X	6.939E-02	0.33
73	48	SISMA SLD X	6.939E-02	0.33
73	45	SISMA SLD X	6.939E-02	0.33
73	151	SISMA SLD Y	6.353E-02	0.15
73	156	SISMA SLD Y	6.353E-02	0.15
73	48	SISMA SLD Y	6.353E-02	0.15
73	45	SISMA SLD Y	6.353E-02	0.15
73	151	SISMA SLO X	5.745E-02	0.28
73	156	SISMA SLO X	5.745E-02	0.28
73	48	SISMA SLO X	5.745E-02	0.28
73	45	SISMA SLO X	5.745E-02	0.28
73	151	SISMA SLO Y	5.261E-02	0.12
73	156	SISMA SLO Y	5.261E-02	0.12
73	48	SISMA SLO Y	5.261E-02	0.12
73	45	SISMA SLO Y	5.261E-02	0.12
73	151	SLT	0.	0.
73	156	SLT	0.	0.
73	48	SLT	0.	0.
73	45	SLT	0.	0.
73	151	~TorsionSISMA SLV X	0.	0.
73	156	~TorsionSISMA SLV X	0.	0.
73	48	~TorsionSISMA SLV X	0.	0.
73	45	~TorsionSISMA SLV X	0.	0.
73	151	~TorsionSISMA SLV Y	0.	0.
73	156	~TorsionSISMA SLV Y	0.	0.
73	48	~TorsionSISMA SLV Y	0.	0.
73	45	~TorsionSISMA SLV Y	0.	0.
73	151	~TorsionSISMA SLD X	0.	0.
73	156	~TorsionSISMA SLD X	0.	0.
73	48	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
73	45	~TorsionSISMA SLD X	0.	0.
73	151	~TorsionSISMA SLD Y	0.	0.
73	156	~TorsionSISMA SLD Y	0.	0.
73	48	~TorsionSISMA SLD Y	0.	0.
73	45	~TorsionSISMA SLD Y	0.	0.
73	151	~TorsionSISMA SLO X	0.	0.
73	156	~TorsionSISMA SLO X	0.	0.
73	48	~TorsionSISMA SLO X	0.	0.
73	45	~TorsionSISMA SLO X	0.	0.
73	151	~TorsionSISMA SLO Y	0.	0.
73	156	~TorsionSISMA SLO Y	0.	0.
73	48	~TorsionSISMA SLO Y	0.	0.
73	45	~TorsionSISMA SLO Y	0.	0.
74	45	G1_K	0.12	0.64
74	48	G1_K	0.12	0.64
74	157	G1_K	0.12	0.64
74	153	G1_K	0.12	0.64
74	45	G2_K	-7.900E-03	0.26
74	48	G2_K	-7.900E-03	0.26
74	157	G2_K	-7.900E-03	0.26
74	153	G2_K	-7.900E-03	0.26
74	45	Q_K	8.166E-02	0.41
74	48	Q_K	8.166E-02	0.41
74	157	Q_K	8.166E-02	0.41
74	153	Q_K	8.166E-02	0.41
74	45	N_K	9.799E-03	4.885E-02
74	48	N_K	9.799E-03	4.885E-02
74	157	N_K	9.799E-03	4.885E-02
74	153	N_K	9.799E-03	4.885E-02
74	45	T+_K	0.	0.
74	48	T+_K	0.	0.
74	157	T+_K	0.	0.
74	153	T+_K	0.	0.
74	45	T-_K	0.	0.
74	48	T-_K	0.	0.
74	157	T-_K	0.	0.
74	153	T-_K	0.	0.
74	45	G1_D	0.15	0.84
74	48	G1_D	0.15	0.84
74	157	G1_D	0.15	0.84
74	153	G1_D	0.15	0.84
74	45	G2_D	-1.027E-02	0.34
74	48	G2_D	-1.027E-02	0.34
74	157	G2_D	-1.027E-02	0.34

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
74	153	G2_D	-1.027E-02	0.34
74	45	Q_D	0.12	0.61
74	48	Q_D	0.12	0.61
74	157	Q_D	0.12	0.61
74	153	Q_D	0.12	0.61
74	45	N_D	1.470E-02	7.327E-02
74	48	N_D	1.470E-02	7.327E-02
74	157	N_D	1.470E-02	7.327E-02
74	153	N_D	1.470E-02	7.327E-02
74	45	T+_D	0.	0.
74	48	T+_D	0.	0.
74	157	T+_D	0.	0.
74	153	T+_D	0.	0.
74	45	T-_D	0.	0.
74	48	T-_D	0.	0.
74	157	T-_D	0.	0.
74	153	T-_D	0.	0.
74	45	W+_K	0.	0.
74	48	W+_K	0.	0.
74	157	W+_K	0.	0.
74	153	W+_K	0.	0.
74	45	W-_K	0.	0.
74	48	W-_K	0.	0.
74	157	W-_K	0.	0.
74	153	W-_K	0.	0.
74	45	W+_D	0.	0.
74	48	W+_D	0.	0.
74	157	W+_D	0.	0.
74	153	W+_D	0.	0.
74	45	W-_D	0.	0.
74	48	W-_D	0.	0.
74	157	W-_D	0.	0.
74	153	W-_D	0.	0.
74	45	SISMA SLV X	0.18	0.35
74	48	SISMA SLV X	0.18	0.35
74	157	SISMA SLV X	0.18	0.35
74	153	SISMA SLV X	0.18	0.35
74	45	SISMA SLV Y	0.17	0.16
74	48	SISMA SLV Y	0.17	0.16
74	157	SISMA SLV Y	0.17	0.16
74	153	SISMA SLV Y	0.17	0.16
74	45	SISMA SLD X	8.561E-02	0.17
74	48	SISMA SLD X	8.561E-02	0.17
74	157	SISMA SLD X	8.561E-02	0.17
74	153	SISMA SLD X	8.561E-02	0.17
74	45	SISMA SLD Y	8.198E-02	7.763E-02
74	48	SISMA SLD Y	8.198E-02	7.763E-02
74	157	SISMA SLD Y	8.198E-02	7.763E-02
74	153	SISMA SLD Y	8.198E-02	7.763E-02
74	45	SISMA SLO X	7.089E-02	0.14
74	48	SISMA SLO X	7.089E-02	0.14
74	157	SISMA SLO X	7.089E-02	0.14
74	153	SISMA SLO X	7.089E-02	0.14
74	45	SISMA SLO Y	6.789E-02	6.430E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
74	48	SISMA SLO Y	6.789E-02	6.430E-02
74	157	SISMA SLO Y	6.789E-02	6.430E-02
74	153	SISMA SLO Y	6.789E-02	6.430E-02
74	45	SLT	0.	0.
74	48	SLT	0.	0.
74	157	SLT	0.	0.
74	153	SLT	0.	0.
74	45	~TorsionSISMA SLV X	0.	0.
74	48	~TorsionSISMA SLV X	0.	0.
74	157	~TorsionSISMA SLV X	0.	0.
74	153	~TorsionSISMA SLV X	0.	0.
74	45	~TorsionSISMA SLV Y	0.	0.
74	48	~TorsionSISMA SLV Y	0.	0.
74	157	~TorsionSISMA SLV Y	0.	0.
74	153	~TorsionSISMA SLV Y	0.	0.
74	45	~TorsionSISMA SLD X	0.	0.
74	48	~TorsionSISMA SLD X	0.	0.
74	157	~TorsionSISMA SLD X	0.	0.
74	153	~TorsionSISMA SLD X	0.	0.
74	45	~TorsionSISMA SLD Y	0.	0.
74	48	~TorsionSISMA SLD Y	0.	0.
74	157	~TorsionSISMA SLD Y	0.	0.
74	153	~TorsionSISMA SLD Y	0.	0.
74	45	~TorsionSISMA SLO X	0.	0.
74	48	~TorsionSISMA SLO X	0.	0.
74	157	~TorsionSISMA SLO X	0.	0.
74	153	~TorsionSISMA SLO X	0.	0.
74	45	~TorsionSISMA SLO Y	0.	0.
74	48	~TorsionSISMA SLO Y	0.	0.
74	157	~TorsionSISMA SLO Y	0.	0.
74	153	~TorsionSISMA SLO Y	0.	0.
75	153	G1_K	0.21	0.84
75	157	G1_K	0.21	0.84
75	49	G1_K	0.21	0.84
75	46	G1_K	0.21	0.84

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
75	153	G2_K	-2.879E-03	0.24
75	157	G2_K	-2.879E-03	0.24
75	49	G2_K	-2.879E-03	0.24
75	46	G2_K	-2.879E-03	0.24
75	153	Q_K	0.14	0.54
75	157	Q_K	0.14	0.54
75	49	Q_K	0.14	0.54
75	46	Q_K	0.14	0.54
75	153	N_K	1.662E-02	6.437E-02
75	157	N_K	1.662E-02	6.437E-02
75	49	N_K	1.662E-02	6.437E-02
75	46	N_K	1.662E-02	6.437E-02
75	153	T+_K	0.	0.
75	157	T+_K	0.	0.
75	49	T+_K	0.	0.
75	46	T+_K	0.	0.
75	153	T-_K	0.	0.
75	157	T-_K	0.	0.
75	49	T-_K	0.	0.
75	46	T-_K	0.	0.
75	153	G1_D	0.27	1.09
75	157	G1_D	0.27	1.09
75	49	G1_D	0.27	1.09
75	46	G1_D	0.27	1.09
75	153	G2_D	-3.742E-03	0.32
75	157	G2_D	-3.742E-03	0.32
75	49	G2_D	-3.742E-03	0.32
75	46	G2_D	-3.742E-03	0.32
75	153	Q_D	0.21	0.8
75	157	Q_D	0.21	0.8
75	49	Q_D	0.21	0.8
75	46	Q_D	0.21	0.8
75	153	N_D	2.492E-02	9.655E-02
75	157	N_D	2.492E-02	9.655E-02
75	49	N_D	2.492E-02	9.655E-02
75	46	N_D	2.492E-02	9.655E-02
75	153	T+_D	0.	0.
75	157	T+_D	0.	0.
75	49	T+_D	0.	0.
75	46	T+_D	0.	0.
75	153	T-_D	0.	0.
75	157	T-_D	0.	0.
75	49	T-_D	0.	0.
75	46	T-_D	0.	0.
75	153	W+_K	0.	0.
75	157	W+_K	0.	0.
75	49	W+_K	0.	0.
75	46	W+_K	0.	0.
75	153	W-_K	0.	0.
75	157	W-_K	0.	0.
75	49	W-_K	0.	0.
75	46	W-_K	0.	0.
75	153	W+_D	0.	0.
75	157	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
75	49	W+_D	0.	0.
75	46	W+_D	0.	0.
75	153	W-_D	0.	0.
75	157	W-_D	0.	0.
75	49	W-_D	0.	0.
75	46	W-_D	0.	0.
75	153	SISMA SLV X	0.17	0.17
75	157	SISMA SLV X	0.17	0.17
75	49	SISMA SLV X	0.17	0.17
75	46	SISMA SLV X	0.17	0.17
75	153	SISMA SLV Y	0.18	8.792E-02
75	157	SISMA SLV Y	0.18	8.792E-02
75	49	SISMA SLV Y	0.18	8.792E-02
75	46	SISMA SLV Y	0.18	8.792E-02
75	153	SISMA SLD X	8.204E-02	8.448E-02
75	157	SISMA SLD X	8.204E-02	8.448E-02
75	49	SISMA SLD X	8.204E-02	8.448E-02
75	46	SISMA SLD X	8.204E-02	8.448E-02
75	153	SISMA SLD Y	8.562E-02	4.293E-02
75	157	SISMA SLD Y	8.562E-02	4.293E-02
75	49	SISMA SLD Y	8.562E-02	4.293E-02
75	46	SISMA SLD Y	8.562E-02	4.293E-02
75	153	SISMA SLO X	6.794E-02	6.986E-02
75	157	SISMA SLO X	6.794E-02	6.986E-02
75	49	SISMA SLO X	6.794E-02	6.986E-02
75	46	SISMA SLO X	6.794E-02	6.986E-02
75	153	SISMA SLO Y	7.091E-02	3.550E-02
75	157	SISMA SLO Y	7.091E-02	3.550E-02
75	49	SISMA SLO Y	7.091E-02	3.550E-02
75	46	SISMA SLO Y	7.091E-02	3.550E-02
75	153	SLT	0.	0.
75	157	SLT	0.	0.
75	49	SLT	0.	0.
75	46	SLT	0.	0.
75	153	~TorsionSISMA SLV X	0.	0.
75	157	~TorsionSISMA SLV X	0.	0.
75	49	~TorsionSISMA SLV X	0.	0.
75	46	~TorsionSISMA SLV X	0.	0.
75	153	~TorsionSISMA SLV Y	0.	0.
75	157	~TorsionSISMA SLV Y	0.	0.
75	49	~TorsionSISMA SLV Y	0.	0.
75	46	~TorsionSISMA SLV Y	0.	0.
75	153	~TorsionSISMA SLD X	0.	0.
75	157	~TorsionSISMA SLD X	0.	0.
75	49	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
75	46	~TorsionSISMA SLD X	0.	0.
75	153	~TorsionSISMA SLD Y	0.	0.
75	157	~TorsionSISMA SLD Y	0.	0.
75	49	~TorsionSISMA SLD Y	0.	0.
75	46	~TorsionSISMA SLD Y	0.	0.
75	153	~TorsionSISMA SLO X	0.	0.
75	157	~TorsionSISMA SLO X	0.	0.
75	49	~TorsionSISMA SLO X	0.	0.
75	46	~TorsionSISMA SLO X	0.	0.
75	153	~TorsionSISMA SLO Y	0.	0.
75	157	~TorsionSISMA SLO Y	0.	0.
75	49	~TorsionSISMA SLO Y	0.	0.
75	46	~TorsionSISMA SLO Y	0.	0.
76	46	G1_K	0.36	1.06
76	49	G1_K	0.36	1.06
76	121	G1_K	0.36	1.06
76	113	G1_K	0.36	1.06
76	46	G2_K	-1.780E-02	0.22
76	49	G2_K	-1.780E-02	0.22
76	121	G2_K	-1.780E-02	0.22
76	113	G2_K	-1.780E-02	0.22
76	46	Q_K	0.23	0.68
76	49	Q_K	0.23	0.68
76	121	Q_K	0.23	0.68
76	113	Q_K	0.23	0.68
76	46	N_K	2.776E-02	8.212E-02
76	49	N_K	2.776E-02	8.212E-02
76	121	N_K	2.776E-02	8.212E-02
76	113	N_K	2.776E-02	8.212E-02
76	46	T+_K	0.	0.
76	49	T+_K	0.	0.
76	121	T+_K	0.	0.
76	113	T+_K	0.	0.
76	46	T-_K	0.	0.
76	49	T-_K	0.	0.
76	121	T-_K	0.	0.
76	113	T-_K	0.	0.
76	46	G1_D	0.46	1.38
76	49	G1_D	0.46	1.38
76	121	G1_D	0.46	1.38
76	113	G1_D	0.46	1.38
76	46	G2_D	-2.315E-02	0.29
76	49	G2_D	-2.315E-02	0.29
76	121	G2_D	-2.315E-02	0.29

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
76	113	G2_D	-2.315E-02	0.29
76	46	Q_D	0.35	1.03
76	49	Q_D	0.35	1.03
76	121	Q_D	0.35	1.03
76	113	Q_D	0.35	1.03
76	46	N_D	4.164E-02	0.12
76	49	N_D	4.164E-02	0.12
76	121	N_D	4.164E-02	0.12
76	113	N_D	4.164E-02	0.12
76	46	T+_D	0.	0.
76	49	T+_D	0.	0.
76	121	T+_D	0.	0.
76	113	T+_D	0.	0.
76	46	T-_D	0.	0.
76	49	T-_D	0.	0.
76	121	T-_D	0.	0.
76	113	T-_D	0.	0.
76	46	W+_K	0.	0.
76	49	W+_K	0.	0.
76	121	W+_K	0.	0.
76	113	W+_K	0.	0.
76	46	W-_K	0.	0.
76	49	W-_K	0.	0.
76	121	W-_K	0.	0.
76	113	W-_K	0.	0.
76	46	W+_D	0.	0.
76	49	W+_D	0.	0.
76	121	W+_D	0.	0.
76	113	W+_D	0.	0.
76	46	W-_D	0.	0.
76	49	W-_D	0.	0.
76	121	W-_D	0.	0.
76	113	W-_D	0.	0.
76	46	SISMA SLV X	0.11	0.63
76	49	SISMA SLV X	0.11	0.63
76	121	SISMA SLV X	0.11	0.63
76	113	SISMA SLV X	0.11	0.63
76	46	SISMA SLV Y	0.14	0.3
76	49	SISMA SLV Y	0.14	0.3
76	121	SISMA SLV Y	0.14	0.3
76	113	SISMA SLV Y	0.14	0.3
76	46	SISMA SLD X	5.392E-02	0.31
76	49	SISMA SLD X	5.392E-02	0.31
76	121	SISMA SLD X	5.392E-02	0.31
76	113	SISMA SLD X	5.392E-02	0.31
76	46	SISMA SLD Y	7.027E-02	0.15
76	49	SISMA SLD Y	7.027E-02	0.15
76	121	SISMA SLD Y	7.027E-02	0.15
76	113	SISMA SLD Y	7.027E-02	0.15
76	46	SISMA SLO X	4.465E-02	0.26
76	49	SISMA SLO X	4.465E-02	0.26
76	121	SISMA SLO X	4.465E-02	0.26
76	113	SISMA SLO X	4.465E-02	0.26
76	46	SISMA SLO Y	5.820E-02	0.12

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
76	49	SISMA SLO Y	5.820E-02	0.12
76	121	SISMA SLO Y	5.820E-02	0.12
76	113	SISMA SLO Y	5.820E-02	0.12
76	46	SLT	0.	0.
76	49	SLT	0.	0.
76	121	SLT	0.	0.
76	113	SLT	0.	0.
76	46	~TorsionSISMA SLV X	0.	0.
76	49	~TorsionSISMA SLV X	0.	0.
76	121	~TorsionSISMA SLV X	0.	0.
76	113	~TorsionSISMA SLV X	0.	0.
76	46	~TorsionSISMA SLV Y	0.	0.
76	49	~TorsionSISMA SLV Y	0.	0.
76	121	~TorsionSISMA SLV Y	0.	0.
76	113	~TorsionSISMA SLV Y	0.	0.
76	46	~TorsionSISMA SLD X	0.	0.
76	49	~TorsionSISMA SLD X	0.	0.
76	121	~TorsionSISMA SLD X	0.	0.
76	113	~TorsionSISMA SLD X	0.	0.
76	46	~TorsionSISMA SLD Y	0.	0.
76	49	~TorsionSISMA SLD Y	0.	0.
76	121	~TorsionSISMA SLD Y	0.	0.
76	113	~TorsionSISMA SLD Y	0.	0.
76	46	~TorsionSISMA SLO X	0.	0.
76	49	~TorsionSISMA SLO X	0.	0.
76	121	~TorsionSISMA SLO X	0.	0.
76	113	~TorsionSISMA SLO X	0.	0.
76	46	~TorsionSISMA SLO Y	0.	0.
76	49	~TorsionSISMA SLO Y	0.	0.
76	121	~TorsionSISMA SLO Y	0.	0.
76	113	~TorsionSISMA SLO Y	0.	0.
77	155	G1_K	-8.032E-03	0.41
77	158	G1_K	-8.032E-03	0.41
77	50	G1_K	-8.032E-03	0.41
77	47	G1_K	-8.032E-03	0.41

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
77	155	G2_K	2.418E-03	0.39
77	158	G2_K	2.418E-03	0.39
77	50	G2_K	2.418E-03	0.39
77	47	G2_K	2.418E-03	0.39
77	155	Q_K	-5.204E-03	0.22
77	158	Q_K	-5.204E-03	0.22
77	50	Q_K	-5.204E-03	0.22
77	47	Q_K	-5.204E-03	0.22
77	155	N_K	-6.244E-04	2.695E-02
77	158	N_K	-6.244E-04	2.695E-02
77	50	N_K	-6.244E-04	2.695E-02
77	47	N_K	-6.244E-04	2.695E-02
77	155	T+_K	0.	0.
77	158	T+_K	0.	0.
77	50	T+_K	0.	0.
77	47	T+_K	0.	0.
77	155	T-_K	0.	0.
77	158	T-_K	0.	0.
77	50	T-_K	0.	0.
77	47	T-_K	0.	0.
77	155	G1_D	-1.044E-02	0.54
77	158	G1_D	-1.044E-02	0.54
77	50	G1_D	-1.044E-02	0.54
77	47	G1_D	-1.044E-02	0.54
77	155	G2_D	3.143E-03	0.51
77	158	G2_D	3.143E-03	0.51
77	50	G2_D	3.143E-03	0.51
77	47	G2_D	3.143E-03	0.51
77	155	Q_D	-7.805E-03	0.34
77	158	Q_D	-7.805E-03	0.34
77	50	Q_D	-7.805E-03	0.34
77	47	Q_D	-7.805E-03	0.34
77	155	N_D	-9.366E-04	4.042E-02
77	158	N_D	-9.366E-04	4.042E-02
77	50	N_D	-9.366E-04	4.042E-02
77	47	N_D	-9.366E-04	4.042E-02
77	155	T+_D	0.	0.
77	158	T+_D	0.	0.
77	50	T+_D	0.	0.
77	47	T+_D	0.	0.
77	155	T-_D	0.	0.
77	158	T-_D	0.	0.
77	50	T-_D	0.	0.
77	47	T-_D	0.	0.
77	155	W+_K	0.	0.
77	158	W+_K	0.	0.
77	50	W+_K	0.	0.
77	47	W+_K	0.	0.
77	155	W-_K	0.	0.
77	158	W-_K	0.	0.
77	50	W-_K	0.	0.
77	47	W-_K	0.	0.
77	155	W+_D	0.	0.
77	158	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
77	50	W+_D	0.	0.
77	47	W+_D	0.	0.
77	155	W-_D	0.	0.
77	158	W-_D	0.	0.
77	50	W-_D	0.	0.
77	47	W-_D	0.	0.
77	155	SISMA SLV X	1.183E-02	1.06
77	158	SISMA SLV X	1.183E-02	1.06
77	50	SISMA SLV X	1.183E-02	1.06
77	47	SISMA SLV X	1.183E-02	1.06
77	155	SISMA SLV Y	1.061E-02	0.5
77	158	SISMA SLV Y	1.061E-02	0.5
77	50	SISMA SLV Y	1.061E-02	0.5
77	47	SISMA SLV Y	1.061E-02	0.5
77	155	SISMA SLD X	5.775E-03	0.52
77	158	SISMA SLD X	5.775E-03	0.52
77	50	SISMA SLD X	5.775E-03	0.52
77	47	SISMA SLD X	5.775E-03	0.52
77	155	SISMA SLD Y	5.180E-03	0.25
77	158	SISMA SLD Y	5.180E-03	0.25
77	50	SISMA SLD Y	5.180E-03	0.25
77	47	SISMA SLD Y	5.180E-03	0.25
77	155	SISMA SLO X	4.767E-03	0.43
77	158	SISMA SLO X	4.767E-03	0.43
77	50	SISMA SLO X	4.767E-03	0.43
77	47	SISMA SLO X	4.767E-03	0.43
77	155	SISMA SLO Y	4.285E-03	0.2
77	158	SISMA SLO Y	4.285E-03	0.2
77	50	SISMA SLO Y	4.285E-03	0.2
77	47	SISMA SLO Y	4.285E-03	0.2
77	155	SLT	0.	0.
77	158	SLT	0.	0.
77	50	SLT	0.	0.
77	47	SLT	0.	0.
77	155	~TorsionSISMA SLV X	0.	0.
77	158	~TorsionSISMA SLV X	0.	0.
77	50	~TorsionSISMA SLV X	0.	0.
77	47	~TorsionSISMA SLV X	0.	0.
77	155	~TorsionSISMA SLV Y	0.	0.
77	158	~TorsionSISMA SLV Y	0.	0.
77	50	~TorsionSISMA SLV Y	0.	0.
77	47	~TorsionSISMA SLV Y	0.	0.
77	155	~TorsionSISMA SLD X	0.	0.
77	158	~TorsionSISMA SLD X	0.	0.
77	50	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
77	47	~TorsionSISMA SLD X	0.	0.
77	155	~TorsionSISMA SLD Y	0.	0.
77	158	~TorsionSISMA SLD Y	0.	0.
77	50	~TorsionSISMA SLD Y	0.	0.
77	47	~TorsionSISMA SLD Y	0.	0.
77	155	~TorsionSISMA SLO X	0.	0.
77	158	~TorsionSISMA SLO X	0.	0.
77	50	~TorsionSISMA SLO X	0.	0.
77	47	~TorsionSISMA SLO X	0.	0.
77	155	~TorsionSISMA SLO Y	0.	0.
77	158	~TorsionSISMA SLO Y	0.	0.
77	50	~TorsionSISMA SLO Y	0.	0.
77	47	~TorsionSISMA SLO Y	0.	0.
78	47	G1_K	-3.294E-02	0.43
78	50	G1_K	-3.294E-02	0.43
78	159	G1_K	-3.294E-02	0.43
78	156	G1_K	-3.294E-02	0.43
78	47	G2_K	2.860E-02	0.36
78	50	G2_K	2.860E-02	0.36
78	159	G2_K	2.860E-02	0.36
78	156	G2_K	2.860E-02	0.36
78	47	Q_K	-2.983E-02	0.25
78	50	Q_K	-2.983E-02	0.25
78	159	Q_K	-2.983E-02	0.25
78	156	Q_K	-2.983E-02	0.25
78	47	N_K	-3.580E-03	2.962E-02
78	50	N_K	-3.580E-03	2.962E-02
78	159	N_K	-3.580E-03	2.962E-02
78	156	N_K	-3.580E-03	2.962E-02
78	47	T+_K	0.	0.
78	50	T+_K	0.	0.
78	159	T+_K	0.	0.
78	156	T+_K	0.	0.
78	47	T-_K	0.	0.
78	50	T-_K	0.	0.
78	159	T-_K	0.	0.
78	156	T-_K	0.	0.
78	47	G1_D	-4.283E-02	0.56
78	50	G1_D	-4.283E-02	0.56
78	159	G1_D	-4.283E-02	0.56
78	156	G1_D	-4.283E-02	0.56
78	47	G2_D	3.718E-02	0.47
78	50	G2_D	3.718E-02	0.47
78	159	G2_D	3.718E-02	0.47

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
78	156	G2_D	3.718E-02	0.47
78	47	Q_D	-4.475E-02	0.37
78	50	Q_D	-4.475E-02	0.37
78	159	Q_D	-4.475E-02	0.37
78	156	Q_D	-4.475E-02	0.37
78	47	N_D	-5.369E-03	4.443E-02
78	50	N_D	-5.369E-03	4.443E-02
78	159	N_D	-5.369E-03	4.443E-02
78	156	N_D	-5.369E-03	4.443E-02
78	47	T+_D	0.	0.
78	50	T+_D	0.	0.
78	159	T+_D	0.	0.
78	156	T+_D	0.	0.
78	47	T-_D	0.	0.
78	50	T-_D	0.	0.
78	159	T-_D	0.	0.
78	156	T-_D	0.	0.
78	47	W+_K	0.	0.
78	50	W+_K	0.	0.
78	159	W+_K	0.	0.
78	156	W+_K	0.	0.
78	47	W-_K	0.	0.
78	50	W-_K	0.	0.
78	159	W-_K	0.	0.
78	156	W-_K	0.	0.
78	47	W+_D	0.	0.
78	50	W+_D	0.	0.
78	159	W+_D	0.	0.
78	156	W+_D	0.	0.
78	47	W-_D	0.	0.
78	50	W-_D	0.	0.
78	159	W-_D	0.	0.
78	156	W-_D	0.	0.
78	47	SISMA SLV X	6.662E-02	0.92
78	50	SISMA SLV X	6.662E-02	0.92
78	159	SISMA SLV X	6.662E-02	0.92
78	156	SISMA SLV X	6.662E-02	0.92
78	47	SISMA SLV Y	5.398E-02	0.45
78	50	SISMA SLV Y	5.398E-02	0.45
78	159	SISMA SLV Y	5.398E-02	0.45
78	156	SISMA SLV Y	5.398E-02	0.45
78	47	SISMA SLD X	3.253E-02	0.45
78	50	SISMA SLD X	3.253E-02	0.45
78	159	SISMA SLD X	3.253E-02	0.45
78	156	SISMA SLD X	3.253E-02	0.45
78	47	SISMA SLD Y	2.636E-02	0.22
78	50	SISMA SLD Y	2.636E-02	0.22
78	159	SISMA SLD Y	2.636E-02	0.22
78	156	SISMA SLD Y	2.636E-02	0.22
78	47	SISMA SLO X	2.689E-02	0.37
78	50	SISMA SLO X	2.689E-02	0.37
78	159	SISMA SLO X	2.689E-02	0.37
78	156	SISMA SLO X	2.689E-02	0.37
78	47	SISMA SLO Y	2.182E-02	0.18

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
78	50	SISMA SLO Y	2.182E-02	0.18
78	159	SISMA SLO Y	2.182E-02	0.18
78	156	SISMA SLO Y	2.182E-02	0.18
78	47	SLT	0.	0.
78	50	SLT	0.	0.
78	159	SLT	0.	0.
78	156	SLT	0.	0.
78	47	~TorsionSISMA SLV X	0.	0.
78	50	~TorsionSISMA SLV X	0.	0.
78	159	~TorsionSISMA SLV X	0.	0.
78	156	~TorsionSISMA SLV X	0.	0.
78	47	~TorsionSISMA SLV Y	0.	0.
78	50	~TorsionSISMA SLV Y	0.	0.
78	159	~TorsionSISMA SLV Y	0.	0.
78	156	~TorsionSISMA SLV Y	0.	0.
78	47	~TorsionSISMA SLD X	0.	0.
78	50	~TorsionSISMA SLD X	0.	0.
78	159	~TorsionSISMA SLD X	0.	0.
78	156	~TorsionSISMA SLD X	0.	0.
78	47	~TorsionSISMA SLD Y	0.	0.
78	50	~TorsionSISMA SLD Y	0.	0.
78	159	~TorsionSISMA SLD Y	0.	0.
78	156	~TorsionSISMA SLD Y	0.	0.
78	47	~TorsionSISMA SLO X	0.	0.
78	50	~TorsionSISMA SLO X	0.	0.
78	159	~TorsionSISMA SLO X	0.	0.
78	156	~TorsionSISMA SLO X	0.	0.
78	47	~TorsionSISMA SLO Y	0.	0.
78	50	~TorsionSISMA SLO Y	0.	0.
78	159	~TorsionSISMA SLO Y	0.	0.
78	156	~TorsionSISMA SLO Y	0.	0.
79	156	G1_K	-9.922E-02	0.49
79	159	G1_K	-9.922E-02	0.49
79	51	G1_K	-9.922E-02	0.49
79	48	G1_K	-9.922E-02	0.49

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
79	156	G2_K	3.872E-02	0.32
79	159	G2_K	3.872E-02	0.32
79	51	G2_K	3.872E-02	0.32
79	48	G2_K	3.872E-02	0.32
79	156	Q_K	-6.977E-02	0.3
79	159	Q_K	-6.977E-02	0.3
79	51	Q_K	-6.977E-02	0.3
79	48	Q_K	-6.977E-02	0.3
79	156	N_K	-8.372E-03	3.593E-02
79	159	N_K	-8.372E-03	3.593E-02
79	51	N_K	-8.372E-03	3.593E-02
79	48	N_K	-8.372E-03	3.593E-02
79	156	T+_K	0.	0.
79	159	T+_K	0.	0.
79	51	T+_K	0.	0.
79	48	T+_K	0.	0.
79	156	T-_K	0.	0.
79	159	T-_K	0.	0.
79	51	T-_K	0.	0.
79	48	T-_K	0.	0.
79	156	G1_D	-0.13	0.64
79	159	G1_D	-0.13	0.64
79	51	G1_D	-0.13	0.64
79	48	G1_D	-0.13	0.64
79	156	G2_D	5.034E-02	0.42
79	159	G2_D	5.034E-02	0.42
79	51	G2_D	5.034E-02	0.42
79	48	G2_D	5.034E-02	0.42
79	156	Q_D	-0.1	0.45
79	159	Q_D	-0.1	0.45
79	51	Q_D	-0.1	0.45
79	48	Q_D	-0.1	0.45
79	156	N_D	-1.256E-02	5.390E-02
79	159	N_D	-1.256E-02	5.390E-02
79	51	N_D	-1.256E-02	5.390E-02
79	48	N_D	-1.256E-02	5.390E-02
79	156	T+_D	0.	0.
79	159	T+_D	0.	0.
79	51	T+_D	0.	0.
79	48	T+_D	0.	0.
79	156	T-_D	0.	0.
79	159	T-_D	0.	0.
79	51	T-_D	0.	0.
79	48	T-_D	0.	0.
79	156	W+_K	0.	0.
79	159	W+_K	0.	0.
79	51	W+_K	0.	0.
79	48	W+_K	0.	0.
79	156	W-_K	0.	0.
79	159	W-_K	0.	0.
79	51	W-_K	0.	0.
79	48	W-_K	0.	0.
79	156	W+_D	0.	0.
79	159	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
79	51	W+_D	0.	0.
79	48	W+_D	0.	0.
79	156	W-_D	0.	0.
79	159	W-_D	0.	0.
79	51	W-_D	0.	0.
79	48	W-_D	0.	0.
79	156	SISMA SLV X	0.12	0.71
79	159	SISMA SLV X	0.12	0.71
79	51	SISMA SLV X	0.12	0.71
79	48	SISMA SLV X	0.12	0.71
79	156	SISMA SLV Y	9.514E-02	0.34
79	159	SISMA SLV Y	9.514E-02	0.34
79	51	SISMA SLV Y	9.514E-02	0.34
79	48	SISMA SLV Y	9.514E-02	0.34
79	156	SISMA SLD X	5.993E-02	0.35
79	159	SISMA SLD X	5.993E-02	0.35
79	51	SISMA SLD X	5.993E-02	0.35
79	48	SISMA SLD X	5.993E-02	0.35
79	156	SISMA SLD Y	4.647E-02	0.17
79	159	SISMA SLD Y	4.647E-02	0.17
79	51	SISMA SLD Y	4.647E-02	0.17
79	48	SISMA SLD Y	4.647E-02	0.17
79	156	SISMA SLO X	4.957E-02	0.29
79	159	SISMA SLO X	4.957E-02	0.29
79	51	SISMA SLO X	4.957E-02	0.29
79	48	SISMA SLO X	4.957E-02	0.29
79	156	SISMA SLO Y	3.847E-02	0.14
79	159	SISMA SLO Y	3.847E-02	0.14
79	51	SISMA SLO Y	3.847E-02	0.14
79	48	SISMA SLO Y	3.847E-02	0.14
79	156	SLT	0.	0.
79	159	SLT	0.	0.
79	51	SLT	0.	0.
79	48	SLT	0.	0.
79	156	~TorsionSISMA SLV X	0.	0.
79	159	~TorsionSISMA SLV X	0.	0.
79	51	~TorsionSISMA SLV X	0.	0.
79	48	~TorsionSISMA SLV X	0.	0.
79	156	~TorsionSISMA SLV Y	0.	0.
79	159	~TorsionSISMA SLV Y	0.	0.
79	51	~TorsionSISMA SLV Y	0.	0.
79	48	~TorsionSISMA SLV Y	0.	0.
79	156	~TorsionSISMA SLD X	0.	0.
79	159	~TorsionSISMA SLD X	0.	0.
79	51	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
79	48	~TorsionSISMA SLD X	0.	0.
79	156	~TorsionSISMA SLD Y	0.	0.
79	159	~TorsionSISMA SLD Y	0.	0.
79	51	~TorsionSISMA SLD Y	0.	0.
79	48	~TorsionSISMA SLD Y	0.	0.
79	156	~TorsionSISMA SLO X	0.	0.
79	159	~TorsionSISMA SLO X	0.	0.
79	51	~TorsionSISMA SLO X	0.	0.
79	48	~TorsionSISMA SLO X	0.	0.
79	156	~TorsionSISMA SLO Y	0.	0.
79	159	~TorsionSISMA SLO Y	0.	0.
79	51	~TorsionSISMA SLO Y	0.	0.
79	48	~TorsionSISMA SLO Y	0.	0.
80	48	G1_K	-0.13	0.63
80	51	G1_K	-0.13	0.63
80	160	G1_K	-0.13	0.63
80	157	G1_K	-0.13	0.63
80	48	G2_K	3.910E-02	0.3
80	51	G2_K	3.910E-02	0.3
80	160	G2_K	3.910E-02	0.3
80	157	G2_K	3.910E-02	0.3
80	48	Q_K	-8.864E-02	0.4
80	51	Q_K	-8.864E-02	0.4
80	160	Q_K	-8.864E-02	0.4
80	157	Q_K	-8.864E-02	0.4
80	48	N_K	-1.064E-02	4.788E-02
80	51	N_K	-1.064E-02	4.788E-02
80	160	N_K	-1.064E-02	4.788E-02
80	157	N_K	-1.064E-02	4.788E-02
80	48	T+_K	0.	0.
80	51	T+_K	0.	0.
80	160	T+_K	0.	0.
80	157	T+_K	0.	0.
80	48	T-_K	0.	0.
80	51	T-_K	0.	0.
80	160	T-_K	0.	0.
80	157	T-_K	0.	0.
80	48	G1_D	-0.17	0.82
80	51	G1_D	-0.17	0.82
80	160	G1_D	-0.17	0.82
80	157	G1_D	-0.17	0.82
80	48	G2_D	5.082E-02	0.39
80	51	G2_D	5.082E-02	0.39
80	160	G2_D	5.082E-02	0.39

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
80	157	G2_D	5.082E-02	0.39
80	48	Q_D	-0.13	0.6
80	51	Q_D	-0.13	0.6
80	160	Q_D	-0.13	0.6
80	157	Q_D	-0.13	0.6
80	48	N_D	-1.596E-02	7.182E-02
80	51	N_D	-1.596E-02	7.182E-02
80	160	N_D	-1.596E-02	7.182E-02
80	157	N_D	-1.596E-02	7.182E-02
80	48	T+_D	0.	0.
80	51	T+_D	0.	0.
80	160	T+_D	0.	0.
80	157	T+_D	0.	0.
80	48	T-_D	0.	0.
80	51	T-_D	0.	0.
80	160	T-_D	0.	0.
80	157	T-_D	0.	0.
80	48	W+_K	0.	0.
80	51	W+_K	0.	0.
80	160	W+_K	0.	0.
80	157	W+_K	0.	0.
80	48	W-_K	0.	0.
80	51	W-_K	0.	0.
80	160	W-_K	0.	0.
80	157	W-_K	0.	0.
80	48	W+_D	0.	0.
80	51	W+_D	0.	0.
80	160	W+_D	0.	0.
80	157	W+_D	0.	0.
80	48	W-_D	0.	0.
80	51	W-_D	0.	0.
80	160	W-_D	0.	0.
80	157	W-_D	0.	0.
80	48	SISMA SLV X	0.15	0.37
80	51	SISMA SLV X	0.15	0.37
80	160	SISMA SLV X	0.15	0.37
80	157	SISMA SLV X	0.15	0.37
80	48	SISMA SLV Y	0.12	0.18
80	51	SISMA SLV Y	0.12	0.18
80	160	SISMA SLV Y	0.12	0.18
80	157	SISMA SLV Y	0.12	0.18
80	48	SISMA SLD X	7.235E-02	0.18
80	51	SISMA SLD X	7.235E-02	0.18
80	160	SISMA SLD X	7.235E-02	0.18
80	157	SISMA SLD X	7.235E-02	0.18
80	48	SISMA SLD Y	6.042E-02	8.972E-02
80	51	SISMA SLD Y	6.042E-02	8.972E-02
80	160	SISMA SLD Y	6.042E-02	8.972E-02
80	157	SISMA SLD Y	6.042E-02	8.972E-02
80	48	SISMA SLO X	5.984E-02	0.15
80	51	SISMA SLO X	5.984E-02	0.15
80	160	SISMA SLO X	5.984E-02	0.15
80	157	SISMA SLO X	5.984E-02	0.15
80	48	SISMA SLO Y	5.003E-02	7.430E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
80	51	SISMA SLO Y	5.003E-02	7.430E-02
80	160	SISMA SLO Y	5.003E-02	7.430E-02
80	157	SISMA SLO Y	5.003E-02	7.430E-02
80	48	SLT	0.	0.
80	51	SLT	0.	0.
80	160	SLT	0.	0.
80	157	SLT	0.	0.
80	48	~TorsionSISMA SLV X	0.	0.
80	51	~TorsionSISMA SLV X	0.	0.
80	160	~TorsionSISMA SLV X	0.	0.
80	157	~TorsionSISMA SLV X	0.	0.
80	48	~TorsionSISMA SLV Y	0.	0.
80	51	~TorsionSISMA SLV Y	0.	0.
80	160	~TorsionSISMA SLV Y	0.	0.
80	157	~TorsionSISMA SLV Y	0.	0.
80	48	~TorsionSISMA SLD X	0.	0.
80	51	~TorsionSISMA SLD X	0.	0.
80	160	~TorsionSISMA SLD X	0.	0.
80	157	~TorsionSISMA SLD X	0.	0.
80	48	~TorsionSISMA SLD Y	0.	0.
80	51	~TorsionSISMA SLD Y	0.	0.
80	160	~TorsionSISMA SLD Y	0.	0.
80	157	~TorsionSISMA SLD Y	0.	0.
80	48	~TorsionSISMA SLO X	0.	0.
80	51	~TorsionSISMA SLO X	0.	0.
80	160	~TorsionSISMA SLO X	0.	0.
80	157	~TorsionSISMA SLO X	0.	0.
80	48	~TorsionSISMA SLO Y	0.	0.
80	51	~TorsionSISMA SLO Y	0.	0.
80	160	~TorsionSISMA SLO Y	0.	0.
80	157	~TorsionSISMA SLO Y	0.	0.
81	157	G1_K	-0.23	0.83
81	160	G1_K	-0.23	0.83
81	52	G1_K	-0.23	0.83
81	49	G1_K	-0.23	0.83

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
81	157	G2_K	5.908E-02	0.27
81	160	G2_K	5.908E-02	0.27
81	52	G2_K	5.908E-02	0.27
81	49	G2_K	5.908E-02	0.27
81	157	Q_K	-0.15	0.53
81	160	Q_K	-0.15	0.53
81	52	Q_K	-0.15	0.53
81	49	Q_K	-0.15	0.53
81	157	N_K	-1.844E-02	6.372E-02
81	160	N_K	-1.844E-02	6.372E-02
81	52	N_K	-1.844E-02	6.372E-02
81	49	N_K	-1.844E-02	6.372E-02
81	157	T+_K	0.	0.
81	160	T+_K	0.	0.
81	52	T+_K	0.	0.
81	49	T+_K	0.	0.
81	157	T-_K	0.	0.
81	160	T-_K	0.	0.
81	52	T-_K	0.	0.
81	49	T-_K	0.	0.
81	157	G1_D	-0.3	1.08
81	160	G1_D	-0.3	1.08
81	52	G1_D	-0.3	1.08
81	49	G1_D	-0.3	1.08
81	157	G2_D	7.680E-02	0.36
81	160	G2_D	7.680E-02	0.36
81	52	G2_D	7.680E-02	0.36
81	49	G2_D	7.680E-02	0.36
81	157	Q_D	-0.23	0.8
81	160	Q_D	-0.23	0.8
81	52	Q_D	-0.23	0.8
81	49	Q_D	-0.23	0.8
81	157	N_D	-2.767E-02	9.558E-02
81	160	N_D	-2.767E-02	9.558E-02
81	52	N_D	-2.767E-02	9.558E-02
81	49	N_D	-2.767E-02	9.558E-02
81	157	T+_D	0.	0.
81	160	T+_D	0.	0.
81	52	T+_D	0.	0.
81	49	T+_D	0.	0.
81	157	T-_D	0.	0.
81	160	T-_D	0.	0.
81	52	T-_D	0.	0.
81	49	T-_D	0.	0.
81	157	W+_K	0.	0.
81	160	W+_K	0.	0.
81	52	W+_K	0.	0.
81	49	W+_K	0.	0.
81	157	W-_K	0.	0.
81	160	W-_K	0.	0.
81	52	W-_K	0.	0.
81	49	W-_K	0.	0.
81	157	W+_D	0.	0.
81	160	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
81	52	W+_D	0.	0.
81	49	W+_D	0.	0.
81	157	W-_D	0.	0.
81	160	W-_D	0.	0.
81	52	W-_D	0.	0.
81	49	W-_D	0.	0.
81	157	SISMA SLV X	0.14	0.16
81	160	SISMA SLV X	0.14	0.16
81	52	SISMA SLV X	0.14	0.16
81	49	SISMA SLV X	0.14	0.16
81	157	SISMA SLV Y	0.15	6.914E-02
81	160	SISMA SLV Y	0.15	6.914E-02
81	52	SISMA SLV Y	0.15	6.914E-02
81	49	SISMA SLV Y	0.15	6.914E-02
81	157	SISMA SLD X	6.816E-02	7.933E-02
81	160	SISMA SLD X	6.816E-02	7.933E-02
81	52	SISMA SLD X	6.816E-02	7.933E-02
81	49	SISMA SLD X	6.816E-02	7.933E-02
81	157	SISMA SLD Y	7.261E-02	3.376E-02
81	160	SISMA SLD Y	7.261E-02	3.376E-02
81	52	SISMA SLD Y	7.261E-02	3.376E-02
81	49	SISMA SLD Y	7.261E-02	3.376E-02
81	157	SISMA SLO X	5.640E-02	6.562E-02
81	160	SISMA SLO X	5.640E-02	6.562E-02
81	52	SISMA SLO X	5.640E-02	6.562E-02
81	49	SISMA SLO X	5.640E-02	6.562E-02
81	157	SISMA SLO Y	6.013E-02	2.791E-02
81	160	SISMA SLO Y	6.013E-02	2.791E-02
81	52	SISMA SLO Y	6.013E-02	2.791E-02
81	49	SISMA SLO Y	6.013E-02	2.791E-02
81	157	SLT	0.	0.
81	160	SLT	0.	0.
81	52	SLT	0.	0.
81	49	SLT	0.	0.
81	157	~TorsionSISMA SLV X	0.	0.
81	160	~TorsionSISMA SLV X	0.	0.
81	52	~TorsionSISMA SLV X	0.	0.
81	49	~TorsionSISMA SLV X	0.	0.
81	157	~TorsionSISMA SLV Y	0.	0.
81	160	~TorsionSISMA SLV Y	0.	0.
81	52	~TorsionSISMA SLV Y	0.	0.
81	49	~TorsionSISMA SLV Y	0.	0.
81	157	~TorsionSISMA SLD X	0.	0.
81	160	~TorsionSISMA SLD X	0.	0.
81	52	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
81	49	~TorsionSISMA SLD X	0.	0.
81	157	~TorsionSISMA SLD Y	0.	0.
81	160	~TorsionSISMA SLD Y	0.	0.
81	52	~TorsionSISMA SLD Y	0.	0.
81	49	~TorsionSISMA SLD Y	0.	0.
81	157	~TorsionSISMA SLO X	0.	0.
81	160	~TorsionSISMA SLO X	0.	0.
81	52	~TorsionSISMA SLO X	0.	0.
81	49	~TorsionSISMA SLO X	0.	0.
81	157	~TorsionSISMA SLO Y	0.	0.
81	160	~TorsionSISMA SLO Y	0.	0.
81	52	~TorsionSISMA SLO Y	0.	0.
81	49	~TorsionSISMA SLO Y	0.	0.
82	49	G1_K	-0.39	1.03
82	52	G1_K	-0.39	1.03
82	126	G1_K	-0.39	1.03
82	121	G1_K	-0.39	1.03
82	49	G2_K	9.742E-02	0.28
82	52	G2_K	9.742E-02	0.28
82	126	G2_K	9.742E-02	0.28
82	121	G2_K	9.742E-02	0.28
82	49	Q_K	-0.25	0.66
82	52	Q_K	-0.25	0.66
82	126	Q_K	-0.25	0.66
82	121	Q_K	-0.25	0.66
82	49	N_K	-3.041E-02	7.953E-02
82	52	N_K	-3.041E-02	7.953E-02
82	126	N_K	-3.041E-02	7.953E-02
82	121	N_K	-3.041E-02	7.953E-02
82	49	T+_K	0.	0.
82	52	T+_K	0.	0.
82	126	T+_K	0.	0.
82	121	T+_K	0.	0.
82	49	T-_K	0.	0.
82	52	T-_K	0.	0.
82	126	T-_K	0.	0.
82	121	T-_K	0.	0.
82	49	G1_D	-0.51	1.34
82	52	G1_D	-0.51	1.34
82	126	G1_D	-0.51	1.34
82	121	G1_D	-0.51	1.34
82	49	G2_D	0.13	0.36
82	52	G2_D	0.13	0.36
82	126	G2_D	0.13	0.36

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
82	121	G2_D	0.13	0.36
82	49	Q_D	-0.38	0.99
82	52	Q_D	-0.38	0.99
82	126	Q_D	-0.38	0.99
82	121	Q_D	-0.38	0.99
82	49	N_D	-4.562E-02	0.12
82	52	N_D	-4.562E-02	0.12
82	126	N_D	-4.562E-02	0.12
82	121	N_D	-4.562E-02	0.12
82	49	T+_D	0.	0.
82	52	T+_D	0.	0.
82	126	T+_D	0.	0.
82	121	T+_D	0.	0.
82	49	T-_D	0.	0.
82	52	T-_D	0.	0.
82	126	T-_D	0.	0.
82	121	T-_D	0.	0.
82	49	W+_K	0.	0.
82	52	W+_K	0.	0.
82	126	W+_K	0.	0.
82	121	W+_K	0.	0.
82	49	W-_K	0.	0.
82	52	W-_K	0.	0.
82	126	W-_K	0.	0.
82	121	W-_K	0.	0.
82	49	W+_D	0.	0.
82	52	W+_D	0.	0.
82	126	W+_D	0.	0.
82	121	W+_D	0.	0.
82	49	W-_D	0.	0.
82	52	W-_D	0.	0.
82	126	W-_D	0.	0.
82	121	W-_D	0.	0.
82	49	SISMA SLV X	9.762E-02	0.66
82	52	SISMA SLV X	9.762E-02	0.66
82	126	SISMA SLV X	9.762E-02	0.66
82	121	SISMA SLV X	9.762E-02	0.66
82	49	SISMA SLV Y	0.16	0.29
82	52	SISMA SLV Y	0.16	0.29
82	126	SISMA SLV Y	0.16	0.29
82	121	SISMA SLV Y	0.16	0.29
82	49	SISMA SLD X	4.767E-02	0.32
82	52	SISMA SLD X	4.767E-02	0.32
82	126	SISMA SLD X	4.767E-02	0.32
82	121	SISMA SLD X	4.767E-02	0.32
82	49	SISMA SLD Y	7.650E-02	0.14
82	52	SISMA SLD Y	7.650E-02	0.14
82	126	SISMA SLD Y	7.650E-02	0.14
82	121	SISMA SLD Y	7.650E-02	0.14
82	49	SISMA SLO X	3.947E-02	0.27
82	52	SISMA SLO X	3.947E-02	0.27
82	126	SISMA SLO X	3.947E-02	0.27
82	121	SISMA SLO X	3.947E-02	0.27
82	49	SISMA SLO Y	6.335E-02	0.12

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
82	52	SISMA SLO Y	6.335E-02	0.12
82	126	SISMA SLO Y	6.335E-02	0.12
82	121	SISMA SLO Y	6.335E-02	0.12
82	49	SLT	0.	0.
82	52	SLT	0.	0.
82	126	SLT	0.	0.
82	121	SLT	0.	0.
82	49	~TorsionSISMA SLV X	0.	0.
82	52	~TorsionSISMA SLV X	0.	0.
82	126	~TorsionSISMA SLV X	0.	0.
82	121	~TorsionSISMA SLV X	0.	0.
82	49	~TorsionSISMA SLV Y	0.	0.
82	52	~TorsionSISMA SLV Y	0.	0.
82	126	~TorsionSISMA SLV Y	0.	0.
82	121	~TorsionSISMA SLV Y	0.	0.
82	49	~TorsionSISMA SLD X	0.	0.
82	52	~TorsionSISMA SLD X	0.	0.
82	126	~TorsionSISMA SLD X	0.	0.
82	121	~TorsionSISMA SLD X	0.	0.
82	49	~TorsionSISMA SLD Y	0.	0.
82	52	~TorsionSISMA SLD Y	0.	0.
82	126	~TorsionSISMA SLD Y	0.	0.
82	121	~TorsionSISMA SLD Y	0.	0.
82	49	~TorsionSISMA SLO X	0.	0.
82	52	~TorsionSISMA SLO X	0.	0.
82	126	~TorsionSISMA SLO X	0.	0.
82	121	~TorsionSISMA SLO X	0.	0.
82	49	~TorsionSISMA SLO Y	0.	0.
82	52	~TorsionSISMA SLO Y	0.	0.
82	126	~TorsionSISMA SLO Y	0.	0.
82	121	~TorsionSISMA SLO Y	0.	0.
83	158	G1_K	2.669E-02	0.42
83	102	G1_K	2.669E-02	0.42
83	18	G1_K	2.669E-02	0.42
83	50	G1_K	2.669E-02	0.42

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
83	158	G2_K	6.052E-02	0.73
83	102	G2_K	6.052E-02	0.73
83	18	G2_K	6.052E-02	0.73
83	50	G2_K	6.052E-02	0.73
83	158	Q_K	-8.982E-03	0.11
83	102	Q_K	-8.982E-03	0.11
83	18	Q_K	-8.982E-03	0.11
83	50	Q_K	-8.982E-03	0.11
83	158	N_K	-1.078E-03	1.300E-02
83	102	N_K	-1.078E-03	1.300E-02
83	18	N_K	-1.078E-03	1.300E-02
83	50	N_K	-1.078E-03	1.300E-02
83	158	T+_K	0.	0.
83	102	T+_K	0.	0.
83	18	T+_K	0.	0.
83	50	T+_K	0.	0.
83	158	T-_K	0.	0.
83	102	T-_K	0.	0.
83	18	T-_K	0.	0.
83	50	T-_K	0.	0.
83	158	G1_D	3.469E-02	0.55
83	102	G1_D	3.469E-02	0.55
83	18	G1_D	3.469E-02	0.55
83	50	G1_D	3.469E-02	0.55
83	158	G2_D	7.868E-02	0.95
83	102	G2_D	7.868E-02	0.95
83	18	G2_D	7.868E-02	0.95
83	50	G2_D	7.868E-02	0.95
83	158	Q_D	-1.347E-02	0.16
83	102	Q_D	-1.347E-02	0.16
83	18	Q_D	-1.347E-02	0.16
83	50	Q_D	-1.347E-02	0.16
83	158	N_D	-1.617E-03	1.951E-02
83	102	N_D	-1.617E-03	1.951E-02
83	18	N_D	-1.617E-03	1.951E-02
83	50	N_D	-1.617E-03	1.951E-02
83	158	T+_D	0.	0.
83	102	T+_D	0.	0.
83	18	T+_D	0.	0.
83	50	T+_D	0.	0.
83	158	T-_D	0.	0.
83	102	T-_D	0.	0.
83	18	T-_D	0.	0.
83	50	T-_D	0.	0.
83	158	W+_K	0.	0.
83	102	W+_K	0.	0.
83	18	W+_K	0.	0.
83	50	W+_K	0.	0.
83	158	W-_K	0.	0.
83	102	W-_K	0.	0.
83	18	W-_K	0.	0.
83	50	W-_K	0.	0.
83	158	W+_D	0.	0.
83	102	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
83	18	W+_D	0.	0.
83	50	W+_D	0.	0.
83	158	W-_D	0.	0.
83	102	W-_D	0.	0.
83	18	W-_D	0.	0.
83	50	W-_D	0.	0.
83	158	SISMA SLV X	3.231E-02	1.03
83	102	SISMA SLV X	3.231E-02	1.03
83	18	SISMA SLV X	3.231E-02	1.03
83	50	SISMA SLV X	3.231E-02	1.03
83	158	SISMA SLV Y	2.314E-02	0.51
83	102	SISMA SLV Y	2.314E-02	0.51
83	18	SISMA SLV Y	2.314E-02	0.51
83	50	SISMA SLV Y	2.314E-02	0.51
83	158	SISMA SLD X	1.578E-02	0.5
83	102	SISMA SLD X	1.578E-02	0.5
83	18	SISMA SLD X	1.578E-02	0.5
83	50	SISMA SLD X	1.578E-02	0.5
83	158	SISMA SLD Y	1.130E-02	0.25
83	102	SISMA SLD Y	1.130E-02	0.25
83	18	SISMA SLD Y	1.130E-02	0.25
83	50	SISMA SLD Y	1.130E-02	0.25
83	158	SISMA SLO X	1.306E-02	0.42
83	102	SISMA SLO X	1.306E-02	0.42
83	18	SISMA SLO X	1.306E-02	0.42
83	50	SISMA SLO X	1.306E-02	0.42
83	158	SISMA SLO Y	9.348E-03	0.21
83	102	SISMA SLO Y	9.348E-03	0.21
83	18	SISMA SLO Y	9.348E-03	0.21
83	50	SISMA SLO Y	9.348E-03	0.21
83	158	SLT	0.	0.
83	102	SLT	0.	0.
83	18	SLT	0.	0.
83	50	SLT	0.	0.
83	158	~TorsionSISMA SLV X	0.	0.
83	102	~TorsionSISMA SLV X	0.	0.
83	18	~TorsionSISMA SLV X	0.	0.
83	50	~TorsionSISMA SLV X	0.	0.
83	158	~TorsionSISMA SLV Y	0.	0.
83	102	~TorsionSISMA SLV Y	0.	0.
83	18	~TorsionSISMA SLV Y	0.	0.
83	50	~TorsionSISMA SLV Y	0.	0.
83	158	~TorsionSISMA SLD X	0.	0.
83	102	~TorsionSISMA SLD X	0.	0.
83	18	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
83	50	~TorsionSISMA SLD X	0.	0.
83	158	~TorsionSISMA SLD Y	0.	0.
83	102	~TorsionSISMA SLD Y	0.	0.
83	18	~TorsionSISMA SLD Y	0.	0.
83	50	~TorsionSISMA SLD Y	0.	0.
83	158	~TorsionSISMA SLO X	0.	0.
83	102	~TorsionSISMA SLO X	0.	0.
83	18	~TorsionSISMA SLO X	0.	0.
83	50	~TorsionSISMA SLO X	0.	0.
83	158	~TorsionSISMA SLO Y	0.	0.
83	102	~TorsionSISMA SLO Y	0.	0.
83	18	~TorsionSISMA SLO Y	0.	0.
83	50	~TorsionSISMA SLO Y	0.	0.
84	50	G1_K	-5.135E-02	-6.739E-02
84	18	G1_K	-5.135E-02	-6.739E-02
84	136	G1_K	-5.135E-02	-6.739E-02
84	159	G1_K	-5.135E-02	-6.739E-02
84	50	G2_K	0.14	0.31
84	18	G2_K	0.14	0.31
84	136	G2_K	0.14	0.31
84	159	G2_K	0.14	0.31
84	50	Q_K	-8.334E-02	-3.338E-02
84	18	Q_K	-8.334E-02	-3.338E-02
84	136	Q_K	-8.334E-02	-3.338E-02
84	159	Q_K	-8.334E-02	-3.338E-02
84	50	N_K	-1.000E-02	-4.005E-03
84	18	N_K	-1.000E-02	-4.005E-03
84	136	N_K	-1.000E-02	-4.005E-03
84	159	N_K	-1.000E-02	-4.005E-03
84	50	T+_K	0.	0.
84	18	T+_K	0.	0.
84	136	T+_K	0.	0.
84	159	T+_K	0.	0.
84	50	T-_K	0.	0.
84	18	T-_K	0.	0.
84	136	T-_K	0.	0.
84	159	T-_K	0.	0.
84	50	G1_D	-6.676E-02	-8.760E-02
84	18	G1_D	-6.676E-02	-8.760E-02
84	136	G1_D	-6.676E-02	-8.760E-02
84	159	G1_D	-6.676E-02	-8.760E-02
84	50	G2_D	0.18	0.41
84	18	G2_D	0.18	0.41
84	136	G2_D	0.18	0.41

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
84	159	G2_D	0.18	0.41
84	50	Q_D	-0.13	-5.006E-02
84	18	Q_D	-0.13	-5.006E-02
84	136	Q_D	-0.13	-5.006E-02
84	159	Q_D	-0.13	-5.006E-02
84	50	N_D	-1.500E-02	-6.008E-03
84	18	N_D	-1.500E-02	-6.008E-03
84	136	N_D	-1.500E-02	-6.008E-03
84	159	N_D	-1.500E-02	-6.008E-03
84	50	T+_D	0.	0.
84	18	T+_D	0.	0.
84	136	T+_D	0.	0.
84	159	T+_D	0.	0.
84	50	T-_D	0.	0.
84	18	T-_D	0.	0.
84	136	T-_D	0.	0.
84	159	T-_D	0.	0.
84	50	W+_K	0.	0.
84	18	W+_K	0.	0.
84	136	W+_K	0.	0.
84	159	W+_K	0.	0.
84	50	W-_K	0.	0.
84	18	W-_K	0.	0.
84	136	W-_K	0.	0.
84	159	W-_K	0.	0.
84	50	W+_D	0.	0.
84	18	W+_D	0.	0.
84	136	W+_D	0.	0.
84	159	W+_D	0.	0.
84	50	W-_D	0.	0.
84	18	W-_D	0.	0.
84	136	W-_D	0.	0.
84	159	W-_D	0.	0.
84	50	SISMA SLV X	9.717E-02	0.45
84	18	SISMA SLV X	9.717E-02	0.45
84	136	SISMA SLV X	9.717E-02	0.45
84	159	SISMA SLV X	9.717E-02	0.45
84	50	SISMA SLV Y	4.967E-02	0.32
84	18	SISMA SLV Y	4.967E-02	0.32
84	136	SISMA SLV Y	4.967E-02	0.32
84	159	SISMA SLV Y	4.967E-02	0.32
84	50	SISMA SLD X	4.745E-02	0.22
84	18	SISMA SLD X	4.745E-02	0.22
84	136	SISMA SLD X	4.745E-02	0.22
84	159	SISMA SLD X	4.745E-02	0.22
84	50	SISMA SLD Y	2.425E-02	0.16
84	18	SISMA SLD Y	2.425E-02	0.16
84	136	SISMA SLD Y	2.425E-02	0.16
84	159	SISMA SLD Y	2.425E-02	0.16
84	50	SISMA SLO X	3.928E-02	0.18
84	18	SISMA SLO X	3.928E-02	0.18
84	136	SISMA SLO X	3.928E-02	0.18
84	159	SISMA SLO X	3.928E-02	0.18
84	50	SISMA SLO Y	2.006E-02	0.13

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
84	18	SISMA SLO Y	2.006E-02	0.13
84	136	SISMA SLO Y	2.006E-02	0.13
84	159	SISMA SLO Y	2.006E-02	0.13
84	50	SLT	0.	0.
84	18	SLT	0.	0.
84	136	SLT	0.	0.
84	159	SLT	0.	0.
84	50	~TorsionSISMA SLV X	0.	0.
84	18	~TorsionSISMA SLV X	0.	0.
84	136	~TorsionSISMA SLV X	0.	0.
84	159	~TorsionSISMA SLV X	0.	0.
84	50	~TorsionSISMA SLV Y	0.	0.
84	18	~TorsionSISMA SLV Y	0.	0.
84	136	~TorsionSISMA SLV Y	0.	0.
84	159	~TorsionSISMA SLV Y	0.	0.
84	50	~TorsionSISMA SLD X	0.	0.
84	18	~TorsionSISMA SLD X	0.	0.
84	136	~TorsionSISMA SLD X	0.	0.
84	159	~TorsionSISMA SLD X	0.	0.
84	50	~TorsionSISMA SLD Y	0.	0.
84	18	~TorsionSISMA SLD Y	0.	0.
84	136	~TorsionSISMA SLD Y	0.	0.
84	159	~TorsionSISMA SLD Y	0.	0.
84	50	~TorsionSISMA SLO X	0.	0.
84	18	~TorsionSISMA SLO X	0.	0.
84	136	~TorsionSISMA SLO X	0.	0.
84	159	~TorsionSISMA SLO X	0.	0.
84	50	~TorsionSISMA SLO Y	0.	0.
84	18	~TorsionSISMA SLO Y	0.	0.
84	136	~TorsionSISMA SLO Y	0.	0.
84	159	~TorsionSISMA SLO Y	0.	0.
85	159	G1_K	-0.26	-1.943E-02
85	136	G1_K	-0.26	-1.943E-02
85	20	G1_K	-0.26	-1.943E-02
85	51	G1_K	-0.26	-1.943E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
85	159	G2_K	8.465E-02	0.31
85	136	G2_K	8.465E-02	0.31
85	20	G2_K	8.465E-02	0.31
85	51	G2_K	8.465E-02	0.31
85	159	Q_K	-0.2	-8.844E-04
85	136	Q_K	-0.2	-8.844E-04
85	20	Q_K	-0.2	-8.844E-04
85	51	Q_K	-0.2	-8.844E-04
85	159	N_K	-2.347E-02	-1.061E-04
85	136	N_K	-2.347E-02	-1.061E-04
85	20	N_K	-2.347E-02	-1.061E-04
85	51	N_K	-2.347E-02	-1.061E-04
85	159	T+_K	0.	0.
85	136	T+_K	0.	0.
85	20	T+_K	0.	0.
85	51	T+_K	0.	0.
85	159	T-_K	0.	0.
85	136	T-_K	0.	0.
85	20	T-_K	0.	0.
85	51	T-_K	0.	0.
85	159	G1_D	-0.34	-2.525E-02
85	136	G1_D	-0.34	-2.525E-02
85	20	G1_D	-0.34	-2.525E-02
85	51	G1_D	-0.34	-2.525E-02
85	159	G2_D	0.11	0.4
85	136	G2_D	0.11	0.4
85	20	G2_D	0.11	0.4
85	51	G2_D	0.11	0.4
85	159	Q_D	-0.29	-1.327E-03
85	136	Q_D	-0.29	-1.327E-03
85	20	Q_D	-0.29	-1.327E-03
85	51	Q_D	-0.29	-1.327E-03
85	159	N_D	-3.521E-02	-1.592E-04
85	136	N_D	-3.521E-02	-1.592E-04
85	20	N_D	-3.521E-02	-1.592E-04
85	51	N_D	-3.521E-02	-1.592E-04
85	159	T+_D	0.	0.
85	136	T+_D	0.	0.
85	20	T+_D	0.	0.
85	51	T+_D	0.	0.
85	159	T-_D	0.	0.
85	136	T-_D	0.	0.
85	20	T-_D	0.	0.
85	51	T-_D	0.	0.
85	159	W+_K	0.	0.
85	136	W+_K	0.	0.
85	20	W+_K	0.	0.
85	51	W+_K	0.	0.
85	159	W-_K	0.	0.
85	136	W-_K	0.	0.
85	20	W-_K	0.	0.
85	51	W-_K	0.	0.
85	159	W+_D	0.	0.
85	136	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
85	20	W+_D	0.	0.
85	51	W+_D	0.	0.
85	159	W-_D	0.	0.
85	136	W-_D	0.	0.
85	20	W-_D	0.	0.
85	51	W-_D	0.	0.
85	159	SISMA SLV X	0.31	0.37
85	136	SISMA SLV X	0.31	0.37
85	20	SISMA SLV X	0.31	0.37
85	51	SISMA SLV X	0.31	0.37
85	159	SISMA SLV Y	0.14	0.28
85	136	SISMA SLV Y	0.14	0.28
85	20	SISMA SLV Y	0.14	0.28
85	51	SISMA SLV Y	0.14	0.28
85	159	SISMA SLD X	0.15	0.18
85	136	SISMA SLD X	0.15	0.18
85	20	SISMA SLD X	0.15	0.18
85	51	SISMA SLD X	0.15	0.18
85	159	SISMA SLD Y	7.075E-02	0.14
85	136	SISMA SLD Y	7.075E-02	0.14
85	20	SISMA SLD Y	7.075E-02	0.14
85	51	SISMA SLD Y	7.075E-02	0.14
85	159	SISMA SLO X	0.13	0.15
85	136	SISMA SLO X	0.13	0.15
85	20	SISMA SLO X	0.13	0.15
85	51	SISMA SLO X	0.13	0.15
85	159	SISMA SLO Y	5.859E-02	0.11
85	136	SISMA SLO Y	5.859E-02	0.11
85	20	SISMA SLO Y	5.859E-02	0.11
85	51	SISMA SLO Y	5.859E-02	0.11
85	159	SLT	0.	0.
85	136	SLT	0.	0.
85	20	SLT	0.	0.
85	51	SLT	0.	0.
85	159	~TorsionSISMA SLV X	0.	0.
85	136	~TorsionSISMA SLV X	0.	0.
85	20	~TorsionSISMA SLV X	0.	0.
85	51	~TorsionSISMA SLV X	0.	0.
85	159	~TorsionSISMA SLV Y	0.	0.
85	136	~TorsionSISMA SLV Y	0.	0.
85	20	~TorsionSISMA SLV Y	0.	0.
85	51	~TorsionSISMA SLV Y	0.	0.
85	159	~TorsionSISMA SLD X	0.	0.
85	136	~TorsionSISMA SLD X	0.	0.
85	20	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
85	51	~TorsionSISMA SLD X	0.	0.
85	159	~TorsionSISMA SLD Y	0.	0.
85	136	~TorsionSISMA SLD Y	0.	0.
85	20	~TorsionSISMA SLD Y	0.	0.
85	51	~TorsionSISMA SLD Y	0.	0.
85	159	~TorsionSISMA SLO X	0.	0.
85	136	~TorsionSISMA SLO X	0.	0.
85	20	~TorsionSISMA SLO X	0.	0.
85	51	~TorsionSISMA SLO X	0.	0.
85	159	~TorsionSISMA SLO Y	0.	0.
85	136	~TorsionSISMA SLO Y	0.	0.
85	20	~TorsionSISMA SLO Y	0.	0.
85	51	~TorsionSISMA SLO Y	0.	0.
86	51	G1_K	-0.49	0.17
86	20	G1_K	-0.49	0.17
86	138	G1_K	-0.49	0.17
86	160	G1_K	-0.49	0.17
86	51	G2_K	6.499E-02	0.28
86	20	G2_K	6.499E-02	0.28
86	138	G2_K	6.499E-02	0.28
86	160	G2_K	6.499E-02	0.28
86	51	Q_K	-0.33	0.12
86	20	Q_K	-0.33	0.12
86	138	Q_K	-0.33	0.12
86	160	Q_K	-0.33	0.12
86	51	N_K	-4.005E-02	1.482E-02
86	20	N_K	-4.005E-02	1.482E-02
86	138	N_K	-4.005E-02	1.482E-02
86	160	N_K	-4.005E-02	1.482E-02
86	51	T+_K	0.	0.
86	20	T+_K	0.	0.
86	138	T+_K	0.	0.
86	160	T+_K	0.	0.
86	51	T-_K	0.	0.
86	20	T-_K	0.	0.
86	138	T-_K	0.	0.
86	160	T-_K	0.	0.
86	51	G1_D	-0.64	0.22
86	20	G1_D	-0.64	0.22
86	138	G1_D	-0.64	0.22
86	160	G1_D	-0.64	0.22
86	51	G2_D	8.448E-02	0.36
86	20	G2_D	8.448E-02	0.36
86	138	G2_D	8.448E-02	0.36

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
86	160	G2_D	8.448E-02	0.36
86	51	Q_D	-0.5	0.19
86	20	Q_D	-0.5	0.19
86	138	Q_D	-0.5	0.19
86	160	Q_D	-0.5	0.19
86	51	N_D	-6.007E-02	2.223E-02
86	20	N_D	-6.007E-02	2.223E-02
86	138	N_D	-6.007E-02	2.223E-02
86	160	N_D	-6.007E-02	2.223E-02
86	51	T+_D	0.	0.
86	20	T+_D	0.	0.
86	138	T+_D	0.	0.
86	160	T+_D	0.	0.
86	51	T-_D	0.	0.
86	20	T-_D	0.	0.
86	138	T-_D	0.	0.
86	160	T-_D	0.	0.
86	51	W+_K	0.	0.
86	20	W+_K	0.	0.
86	138	W+_K	0.	0.
86	160	W+_K	0.	0.
86	51	W-_K	0.	0.
86	20	W-_K	0.	0.
86	138	W-_K	0.	0.
86	160	W-_K	0.	0.
86	51	W+_D	0.	0.
86	20	W+_D	0.	0.
86	138	W+_D	0.	0.
86	160	W+_D	0.	0.
86	51	W-_D	0.	0.
86	20	W-_D	0.	0.
86	138	W-_D	0.	0.
86	160	W-_D	0.	0.
86	51	SISMA SLV X	0.43	0.29
86	20	SISMA SLV X	0.43	0.29
86	138	SISMA SLV X	0.43	0.29
86	160	SISMA SLV X	0.43	0.29
86	51	SISMA SLV Y	0.2	0.23
86	20	SISMA SLV Y	0.2	0.23
86	138	SISMA SLV Y	0.2	0.23
86	160	SISMA SLV Y	0.2	0.23
86	51	SISMA SLD X	0.21	0.14
86	20	SISMA SLD X	0.21	0.14
86	138	SISMA SLD X	0.21	0.14
86	160	SISMA SLD X	0.21	0.14
86	51	SISMA SLD Y	9.702E-02	0.11
86	20	SISMA SLD Y	9.702E-02	0.11
86	138	SISMA SLD Y	9.702E-02	0.11
86	160	SISMA SLD Y	9.702E-02	0.11
86	51	SISMA SLO X	0.17	0.12
86	20	SISMA SLO X	0.17	0.12
86	138	SISMA SLO X	0.17	0.12
86	160	SISMA SLO X	0.17	0.12
86	51	SISMA SLO Y	8.036E-02	9.238E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
86	20	SISMA SLO Y	8.036E-02	9.238E-02
86	138	SISMA SLO Y	8.036E-02	9.238E-02
86	160	SISMA SLO Y	8.036E-02	9.238E-02
86	51	SLT	0.	0.
86	20	SLT	0.	0.
86	138	SLT	0.	0.
86	160	SLT	0.	0.
86	51	~TorsionSISMA SLV X	0.	0.
86	20	~TorsionSISMA SLV X	0.	0.
86	138	~TorsionSISMA SLV X	0.	0.
86	160	~TorsionSISMA SLV X	0.	0.
86	51	~TorsionSISMA SLV Y	0.	0.
86	20	~TorsionSISMA SLV Y	0.	0.
86	138	~TorsionSISMA SLV Y	0.	0.
86	160	~TorsionSISMA SLV Y	0.	0.
86	51	~TorsionSISMA SLD X	0.	0.
86	20	~TorsionSISMA SLD X	0.	0.
86	138	~TorsionSISMA SLD X	0.	0.
86	160	~TorsionSISMA SLD X	0.	0.
86	51	~TorsionSISMA SLD Y	0.	0.
86	20	~TorsionSISMA SLD Y	0.	0.
86	138	~TorsionSISMA SLD Y	0.	0.
86	160	~TorsionSISMA SLD Y	0.	0.
86	51	~TorsionSISMA SLO X	0.	0.
86	20	~TorsionSISMA SLO X	0.	0.
86	138	~TorsionSISMA SLO X	0.	0.
86	160	~TorsionSISMA SLO X	0.	0.
86	51	~TorsionSISMA SLO Y	0.	0.
86	20	~TorsionSISMA SLO Y	0.	0.
86	138	~TorsionSISMA SLO Y	0.	0.
86	160	~TorsionSISMA SLO Y	0.	0.
87	160	G1_K	-0.59	0.73
87	138	G1_K	-0.59	0.73
87	15	G1_K	-0.59	0.73
87	52	G1_K	-0.59	0.73

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
87	160	G2_K	3.947E-02	0.3
87	138	G2_K	3.947E-02	0.3
87	15	G2_K	3.947E-02	0.3
87	52	G2_K	3.947E-02	0.3
87	160	Q_K	-0.39	0.49
87	138	Q_K	-0.39	0.49
87	15	Q_K	-0.39	0.49
87	52	Q_K	-0.39	0.49
87	160	N_K	-4.642E-02	5.837E-02
87	138	N_K	-4.642E-02	5.837E-02
87	15	N_K	-4.642E-02	5.837E-02
87	52	N_K	-4.642E-02	5.837E-02
87	160	T+_K	0.	0.
87	138	T+_K	0.	0.
87	15	T+_K	0.	0.
87	52	T+_K	0.	0.
87	160	T-_K	0.	0.
87	138	T-_K	0.	0.
87	15	T-_K	0.	0.
87	52	T-_K	0.	0.
87	160	G1_D	-0.77	0.96
87	138	G1_D	-0.77	0.96
87	15	G1_D	-0.77	0.96
87	52	G1_D	-0.77	0.96
87	160	G2_D	5.131E-02	0.39
87	138	G2_D	5.131E-02	0.39
87	15	G2_D	5.131E-02	0.39
87	52	G2_D	5.131E-02	0.39
87	160	Q_D	-0.58	0.73
87	138	Q_D	-0.58	0.73
87	15	Q_D	-0.58	0.73
87	52	Q_D	-0.58	0.73
87	160	N_D	-6.963E-02	8.755E-02
87	138	N_D	-6.963E-02	8.755E-02
87	15	N_D	-6.963E-02	8.755E-02
87	52	N_D	-6.963E-02	8.755E-02
87	160	T+_D	0.	0.
87	138	T+_D	0.	0.
87	15	T+_D	0.	0.
87	52	T+_D	0.	0.
87	160	T-_D	0.	0.
87	138	T-_D	0.	0.
87	15	T-_D	0.	0.
87	52	T-_D	0.	0.
87	160	W+_K	0.	0.
87	138	W+_K	0.	0.
87	15	W+_K	0.	0.
87	52	W+_K	0.	0.
87	160	W-_K	0.	0.
87	138	W-_K	0.	0.
87	15	W-_K	0.	0.
87	52	W-_K	0.	0.
87	160	W+_D	0.	0.
87	138	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
87	15	W+_D	0.	0.
87	52	W+_D	0.	0.
87	160	W-_D	0.	0.
87	138	W-_D	0.	0.
87	15	W-_D	0.	0.
87	52	W-_D	0.	0.
87	160	SISMA SLV X	0.4	0.22
87	138	SISMA SLV X	0.4	0.22
87	15	SISMA SLV X	0.4	0.22
87	52	SISMA SLV X	0.4	0.22
87	160	SISMA SLV Y	0.19	0.16
87	138	SISMA SLV Y	0.19	0.16
87	15	SISMA SLV Y	0.19	0.16
87	52	SISMA SLV Y	0.19	0.16
87	160	SISMA SLD X	0.19	0.11
87	138	SISMA SLD X	0.19	0.11
87	15	SISMA SLD X	0.19	0.11
87	52	SISMA SLD X	0.19	0.11
87	160	SISMA SLD Y	9.239E-02	7.687E-02
87	138	SISMA SLD Y	9.239E-02	7.687E-02
87	15	SISMA SLD Y	9.239E-02	7.687E-02
87	52	SISMA SLD Y	9.239E-02	7.687E-02
87	160	SISMA SLO X	0.16	8.885E-02
87	138	SISMA SLO X	0.16	8.885E-02
87	15	SISMA SLO X	0.16	8.885E-02
87	52	SISMA SLO X	0.16	8.885E-02
87	160	SISMA SLO Y	7.653E-02	6.366E-02
87	138	SISMA SLO Y	7.653E-02	6.366E-02
87	15	SISMA SLO Y	7.653E-02	6.366E-02
87	52	SISMA SLO Y	7.653E-02	6.366E-02
87	160	SLT	0.	0.
87	138	SLT	0.	0.
87	15	SLT	0.	0.
87	52	SLT	0.	0.
87	160	~TorsionSISMA SLV X	0.	0.
87	138	~TorsionSISMA SLV X	0.	0.
87	15	~TorsionSISMA SLV X	0.	0.
87	52	~TorsionSISMA SLV X	0.	0.
87	160	~TorsionSISMA SLV Y	0.	0.
87	138	~TorsionSISMA SLV Y	0.	0.
87	15	~TorsionSISMA SLV Y	0.	0.
87	52	~TorsionSISMA SLV Y	0.	0.
87	160	~TorsionSISMA SLD X	0.	0.
87	138	~TorsionSISMA SLD X	0.	0.
87	15	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
87	52	~TorsionSISMA SLD X	0.	0.
87	160	~TorsionSISMA SLD Y	0.	0.
87	138	~TorsionSISMA SLD Y	0.	0.
87	15	~TorsionSISMA SLD Y	0.	0.
87	52	~TorsionSISMA SLD Y	0.	0.
87	160	~TorsionSISMA SLO X	0.	0.
87	138	~TorsionSISMA SLO X	0.	0.
87	15	~TorsionSISMA SLO X	0.	0.
87	52	~TorsionSISMA SLO X	0.	0.
87	160	~TorsionSISMA SLO Y	0.	0.
87	138	~TorsionSISMA SLO Y	0.	0.
87	15	~TorsionSISMA SLO Y	0.	0.
87	52	~TorsionSISMA SLO Y	0.	0.
88	52	G1_K	-0.58	1.48
88	15	G1_K	-0.58	1.48
88	106	G1_K	-0.58	1.48
88	126	G1_K	-0.58	1.48
88	52	G2_K	7.796E-03	0.26
88	15	G2_K	7.796E-03	0.26
88	106	G2_K	7.796E-03	0.26
88	126	G2_K	7.796E-03	0.26
88	52	Q_K	-0.38	0.96
88	15	Q_K	-0.38	0.96
88	106	Q_K	-0.38	0.96
88	126	Q_K	-0.38	0.96
88	52	N_K	-4.518E-02	0.12
88	15	N_K	-4.518E-02	0.12
88	106	N_K	-4.518E-02	0.12
88	126	N_K	-4.518E-02	0.12
88	52	T+_K	0.	0.
88	15	T+_K	0.	0.
88	106	T+_K	0.	0.
88	126	T+_K	0.	0.
88	52	T-_K	0.	0.
88	15	T-_K	0.	0.
88	106	T-_K	0.	0.
88	126	T-_K	0.	0.
88	52	G1_D	-0.75	1.92
88	15	G1_D	-0.75	1.92
88	106	G1_D	-0.75	1.92
88	126	G1_D	-0.75	1.92
88	52	G2_D	1.013E-02	0.33
88	15	G2_D	1.013E-02	0.33
88	106	G2_D	1.013E-02	0.33

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
88	126	G2_D	1.013E-02	0.33
88	52	Q_D	-0.56	1.44
88	15	Q_D	-0.56	1.44
88	106	Q_D	-0.56	1.44
88	126	Q_D	-0.56	1.44
88	52	N_D	-6.776E-02	0.17
88	15	N_D	-6.776E-02	0.17
88	106	N_D	-6.776E-02	0.17
88	126	N_D	-6.776E-02	0.17
88	52	T+_D	0.	0.
88	15	T+_D	0.	0.
88	106	T+_D	0.	0.
88	126	T+_D	0.	0.
88	52	T-_D	0.	0.
88	15	T-_D	0.	0.
88	106	T-_D	0.	0.
88	126	T-_D	0.	0.
88	52	W+_K	0.	0.
88	15	W+_K	0.	0.
88	106	W+_K	0.	0.
88	126	W+_K	0.	0.
88	52	W-_K	0.	0.
88	15	W-_K	0.	0.
88	106	W-_K	0.	0.
88	126	W-_K	0.	0.
88	52	W+_D	0.	0.
88	15	W+_D	0.	0.
88	106	W+_D	0.	0.
88	126	W+_D	0.	0.
88	52	W-_D	0.	0.
88	15	W-_D	0.	0.
88	106	W-_D	0.	0.
88	126	W-_D	0.	0.
88	52	SISMA SLV X	0.22	0.16
88	15	SISMA SLV X	0.22	0.16
88	106	SISMA SLV X	0.22	0.16
88	126	SISMA SLV X	0.22	0.16
88	52	SISMA SLV Y	0.17	6.692E-02
88	15	SISMA SLV Y	0.17	6.692E-02
88	106	SISMA SLV Y	0.17	6.692E-02
88	126	SISMA SLV Y	0.17	6.692E-02
88	52	SISMA SLD X	0.11	7.749E-02
88	15	SISMA SLD X	0.11	7.749E-02
88	106	SISMA SLD X	0.11	7.749E-02
88	126	SISMA SLD X	0.11	7.749E-02
88	52	SISMA SLD Y	8.185E-02	3.268E-02
88	15	SISMA SLD Y	8.185E-02	3.268E-02
88	106	SISMA SLD Y	8.185E-02	3.268E-02
88	126	SISMA SLD Y	8.185E-02	3.268E-02
88	52	SISMA SLO X	8.766E-02	6.421E-02
88	15	SISMA SLO X	8.766E-02	6.421E-02
88	106	SISMA SLO X	8.766E-02	6.421E-02
88	126	SISMA SLO X	8.766E-02	6.421E-02
88	52	SISMA SLO Y	6.780E-02	2.706E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
88	15	SISMA SLO Y	6.780E-02	2.706E-02
88	106	SISMA SLO Y	6.780E-02	2.706E-02
88	126	SISMA SLO Y	6.780E-02	2.706E-02
88	52	SLT	0.	0.
88	15	SLT	0.	0.
88	106	SLT	0.	0.
88	126	SLT	0.	0.
88	52	~TorsionSISMA SLV X	0.	0.
88	15	~TorsionSISMA SLV X	0.	0.
88	106	~TorsionSISMA SLV X	0.	0.
88	126	~TorsionSISMA SLV X	0.	0.
88	52	~TorsionSISMA SLV Y	0.	0.
88	15	~TorsionSISMA SLV Y	0.	0.
88	106	~TorsionSISMA SLV Y	0.	0.
88	126	~TorsionSISMA SLV Y	0.	0.
88	52	~TorsionSISMA SLD X	0.	0.
88	15	~TorsionSISMA SLD X	0.	0.
88	106	~TorsionSISMA SLD X	0.	0.
88	126	~TorsionSISMA SLD X	0.	0.
88	52	~TorsionSISMA SLD Y	0.	0.
88	15	~TorsionSISMA SLD Y	0.	0.
88	106	~TorsionSISMA SLD Y	0.	0.
88	126	~TorsionSISMA SLD Y	0.	0.
88	52	~TorsionSISMA SLO X	0.	0.
88	15	~TorsionSISMA SLO X	0.	0.
88	106	~TorsionSISMA SLO X	0.	0.
88	126	~TorsionSISMA SLO X	0.	0.
88	52	~TorsionSISMA SLO Y	0.	0.
88	15	~TorsionSISMA SLO Y	0.	0.
88	106	~TorsionSISMA SLO Y	0.	0.
88	126	~TorsionSISMA SLO Y	0.	0.
89	101	G1_K	-3.822E-03	0.41
89	172	G1_K	-3.822E-03	0.41
89	53	G1_K	-3.822E-03	0.41
89	25	G1_K	-3.822E-03	0.41

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
89	101	G2_K	-0.78	-10.52
89	172	G2_K	-0.78	-10.52
89	53	G2_K	-0.78	-10.52
89	25	G2_K	-0.78	-10.52
89	101	Q_K	7.612E-03	0.18
89	172	Q_K	7.612E-03	0.18
89	53	Q_K	7.612E-03	0.18
89	25	Q_K	7.612E-03	0.18
89	101	N_K	9.135E-04	2.200E-02
89	172	N_K	9.135E-04	2.200E-02
89	53	N_K	9.135E-04	2.200E-02
89	25	N_K	9.135E-04	2.200E-02
89	101	T+_K	0.	0.
89	172	T+_K	0.	0.
89	53	T+_K	0.	0.
89	25	T+_K	0.	0.
89	101	T-_K	0.	0.
89	172	T-_K	0.	0.
89	53	T-_K	0.	0.
89	25	T-_K	0.	0.
89	101	G1_D	-4.969E-03	0.53
89	172	G1_D	-4.969E-03	0.53
89	53	G1_D	-4.969E-03	0.53
89	25	G1_D	-4.969E-03	0.53
89	101	G2_D	-1.01	-13.68
89	172	G2_D	-1.01	-13.68
89	53	G2_D	-1.01	-13.68
89	25	G2_D	-1.01	-13.68
89	101	Q_D	1.142E-02	0.27
89	172	Q_D	1.142E-02	0.27
89	53	Q_D	1.142E-02	0.27
89	25	Q_D	1.142E-02	0.27
89	101	N_D	1.370E-03	3.300E-02
89	172	N_D	1.370E-03	3.300E-02
89	53	N_D	1.370E-03	3.300E-02
89	25	N_D	1.370E-03	3.300E-02
89	101	T+_D	0.	0.
89	172	T+_D	0.	0.
89	53	T+_D	0.	0.
89	25	T+_D	0.	0.
89	101	T-_D	0.	0.
89	172	T-_D	0.	0.
89	53	T-_D	0.	0.
89	25	T-_D	0.	0.
89	101	W+_K	0.	0.
89	172	W+_K	0.	0.
89	53	W+_K	0.	0.
89	25	W+_K	0.	0.
89	101	W-_K	0.	0.
89	172	W-_K	0.	0.
89	53	W-_K	0.	0.
89	25	W-_K	0.	0.
89	101	W+_D	0.	0.
89	172	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
89	53	W+_D	0.	0.
89	25	W+_D	0.	0.
89	101	W-_D	0.	0.
89	172	W-_D	0.	0.
89	53	W-_D	0.	0.
89	25	W-_D	0.	0.
89	101	SISMA SLV X	1.709E-02	0.94
89	172	SISMA SLV X	1.709E-02	0.94
89	53	SISMA SLV X	1.709E-02	0.94
89	25	SISMA SLV X	1.709E-02	0.94
89	101	SISMA SLV Y	1.615E-02	0.41
89	172	SISMA SLV Y	1.615E-02	0.41
89	53	SISMA SLV Y	1.615E-02	0.41
89	25	SISMA SLV Y	1.615E-02	0.41
89	101	SISMA SLD X	8.344E-03	0.46
89	172	SISMA SLD X	8.344E-03	0.46
89	53	SISMA SLD X	8.344E-03	0.46
89	25	SISMA SLD X	8.344E-03	0.46
89	101	SISMA SLD Y	7.888E-03	0.2
89	172	SISMA SLD Y	7.888E-03	0.2
89	53	SISMA SLD Y	7.888E-03	0.2
89	25	SISMA SLD Y	7.888E-03	0.2
89	101	SISMA SLO X	6.891E-03	0.38
89	172	SISMA SLO X	6.891E-03	0.38
89	53	SISMA SLO X	6.891E-03	0.38
89	25	SISMA SLO X	6.891E-03	0.38
89	101	SISMA SLO Y	6.527E-03	0.17
89	172	SISMA SLO Y	6.527E-03	0.17
89	53	SISMA SLO Y	6.527E-03	0.17
89	25	SISMA SLO Y	6.527E-03	0.17
89	101	SLT	0.	0.
89	172	SLT	0.	0.
89	53	SLT	0.	0.
89	25	SLT	0.	0.
89	101	~TorsionSISMA SLV X	0.	0.
89	172	~TorsionSISMA SLV X	0.	0.
89	53	~TorsionSISMA SLV X	0.	0.
89	25	~TorsionSISMA SLV X	0.	0.
89	101	~TorsionSISMA SLV Y	0.	0.
89	172	~TorsionSISMA SLV Y	0.	0.
89	53	~TorsionSISMA SLV Y	0.	0.
89	25	~TorsionSISMA SLV Y	0.	0.
89	101	~TorsionSISMA SLD X	0.	0.
89	172	~TorsionSISMA SLD X	0.	0.
89	53	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
89	25	~TorsionSISMA SLD X	0.	0.
89	101	~TorsionSISMA SLD Y	0.	0.
89	172	~TorsionSISMA SLD Y	0.	0.
89	53	~TorsionSISMA SLD Y	0.	0.
89	25	~TorsionSISMA SLD Y	0.	0.
89	101	~TorsionSISMA SLO X	0.	0.
89	172	~TorsionSISMA SLO X	0.	0.
89	53	~TorsionSISMA SLO X	0.	0.
89	25	~TorsionSISMA SLO X	0.	0.
89	101	~TorsionSISMA SLO Y	0.	0.
89	172	~TorsionSISMA SLO Y	0.	0.
89	53	~TorsionSISMA SLO Y	0.	0.
89	25	~TorsionSISMA SLO Y	0.	0.
90	25	G1_K	7.531E-02	0.14
90	53	G1_K	7.531E-02	0.14
90	173	G1_K	7.531E-02	0.14
90	146	G1_K	7.531E-02	0.14
90	25	G2_K	-3.55	-4.32
90	53	G2_K	-3.55	-4.32
90	173	G2_K	-3.55	-4.32
90	146	G2_K	-3.55	-4.32
90	25	Q_K	6.570E-02	8.836E-02
90	53	Q_K	6.570E-02	8.836E-02
90	173	Q_K	6.570E-02	8.836E-02
90	146	Q_K	6.570E-02	8.836E-02
90	25	N_K	7.884E-03	1.060E-02
90	53	N_K	7.884E-03	1.060E-02
90	173	N_K	7.884E-03	1.060E-02
90	146	N_K	7.884E-03	1.060E-02
90	25	T+_K	0.	0.
90	53	T+_K	0.	0.
90	173	T+_K	0.	0.
90	146	T+_K	0.	0.
90	25	T-_K	0.	0.
90	53	T-_K	0.	0.
90	173	T-_K	0.	0.
90	146	T-_K	0.	0.
90	25	G1_D	9.790E-02	0.18
90	53	G1_D	9.790E-02	0.18
90	173	G1_D	9.790E-02	0.18
90	146	G1_D	9.790E-02	0.18
90	25	G2_D	-4.61	-5.62
90	53	G2_D	-4.61	-5.62
90	173	G2_D	-4.61	-5.62

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
90	146	G2_D	-4.61	-5.62
90	25	Q_D	9.856E-02	0.13
90	53	Q_D	9.856E-02	0.13
90	173	Q_D	9.856E-02	0.13
90	146	Q_D	9.856E-02	0.13
90	25	N_D	1.183E-02	1.590E-02
90	53	N_D	1.183E-02	1.590E-02
90	173	N_D	1.183E-02	1.590E-02
90	146	N_D	1.183E-02	1.590E-02
90	25	T+_D	0.	0.
90	53	T+_D	0.	0.
90	173	T+_D	0.	0.
90	146	T+_D	0.	0.
90	25	T-_D	0.	0.
90	53	T-_D	0.	0.
90	173	T-_D	0.	0.
90	146	T-_D	0.	0.
90	25	W+_K	0.	0.
90	53	W+_K	0.	0.
90	173	W+_K	0.	0.
90	146	W+_K	0.	0.
90	25	W-_K	0.	0.
90	53	W-_K	0.	0.
90	173	W-_K	0.	0.
90	146	W-_K	0.	0.
90	25	W+_D	0.	0.
90	53	W+_D	0.	0.
90	173	W+_D	0.	0.
90	146	W+_D	0.	0.
90	25	W-_D	0.	0.
90	53	W-_D	0.	0.
90	173	W-_D	0.	0.
90	146	W-_D	0.	0.
90	25	SISMA SLV X	0.12	0.69
90	53	SISMA SLV X	0.12	0.69
90	173	SISMA SLV X	0.12	0.69
90	146	SISMA SLV X	0.12	0.69
90	25	SISMA SLV Y	8.479E-02	0.31
90	53	SISMA SLV Y	8.479E-02	0.31
90	173	SISMA SLV Y	8.479E-02	0.31
90	146	SISMA SLV Y	8.479E-02	0.31
90	25	SISMA SLD X	6.038E-02	0.34
90	53	SISMA SLD X	6.038E-02	0.34
90	173	SISMA SLD X	6.038E-02	0.34
90	146	SISMA SLD X	6.038E-02	0.34
90	25	SISMA SLD Y	4.141E-02	0.15
90	53	SISMA SLD Y	4.141E-02	0.15
90	173	SISMA SLD Y	4.141E-02	0.15
90	146	SISMA SLD Y	4.141E-02	0.15
90	25	SISMA SLO X	5.001E-02	0.28
90	53	SISMA SLO X	5.001E-02	0.28
90	173	SISMA SLO X	5.001E-02	0.28
90	146	SISMA SLO X	5.001E-02	0.28
90	25	SISMA SLO Y	3.429E-02	0.13

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
90	53	SISMA SLO Y	3.429E-02	0.13
90	173	SISMA SLO Y	3.429E-02	0.13
90	146	SISMA SLO Y	3.429E-02	0.13
90	25	SLT	0.	0.
90	53	SLT	0.	0.
90	173	SLT	0.	0.
90	146	SLT	0.	0.
90	25	~TorsionSISMA SLV X	0.	0.
90	53	~TorsionSISMA SLV X	0.	0.
90	173	~TorsionSISMA SLV X	0.	0.
90	146	~TorsionSISMA SLV X	0.	0.
90	25	~TorsionSISMA SLV Y	0.	0.
90	53	~TorsionSISMA SLV Y	0.	0.
90	173	~TorsionSISMA SLV Y	0.	0.
90	146	~TorsionSISMA SLV Y	0.	0.
90	25	~TorsionSISMA SLD X	0.	0.
90	53	~TorsionSISMA SLD X	0.	0.
90	173	~TorsionSISMA SLD X	0.	0.
90	146	~TorsionSISMA SLD X	0.	0.
90	25	~TorsionSISMA SLD Y	0.	0.
90	53	~TorsionSISMA SLD Y	0.	0.
90	173	~TorsionSISMA SLD Y	0.	0.
90	146	~TorsionSISMA SLD Y	0.	0.
90	25	~TorsionSISMA SLO X	0.	0.
90	53	~TorsionSISMA SLO X	0.	0.
90	173	~TorsionSISMA SLO X	0.	0.
90	146	~TorsionSISMA SLO X	0.	0.
90	25	~TorsionSISMA SLO Y	0.	0.
90	53	~TorsionSISMA SLO Y	0.	0.
90	173	~TorsionSISMA SLO Y	0.	0.
90	146	~TorsionSISMA SLO Y	0.	0.
91	146	G1_K	0.24	0.17
91	173	G1_K	0.24	0.17
91	54	G1_K	0.24	0.17
91	27	G1_K	0.24	0.17

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
91	146	G2_K	-4.68	-0.77
91	173	G2_K	-4.68	-0.77
91	54	G2_K	-4.68	-0.77
91	27	G2_K	-4.68	-0.77
91	146	Q_K	0.16	8.486E-02
91	173	Q_K	0.16	8.486E-02
91	54	Q_K	0.16	8.486E-02
91	27	Q_K	0.16	8.486E-02
91	146	N_K	1.935E-02	1.018E-02
91	173	N_K	1.935E-02	1.018E-02
91	54	N_K	1.935E-02	1.018E-02
91	27	N_K	1.935E-02	1.018E-02
91	146	T+_K	0.	0.
91	173	T+_K	0.	0.
91	54	T+_K	0.	0.
91	27	T+_K	0.	0.
91	146	T-_K	0.	0.
91	173	T-_K	0.	0.
91	54	T-_K	0.	0.
91	27	T-_K	0.	0.
91	146	G1_D	0.31	0.22
91	173	G1_D	0.31	0.22
91	54	G1_D	0.31	0.22
91	27	G1_D	0.31	0.22
91	146	G2_D	-6.09	-1.
91	173	G2_D	-6.09	-1.
91	54	G2_D	-6.09	-1.
91	27	G2_D	-6.09	-1.
91	146	Q_D	0.24	0.13
91	173	Q_D	0.24	0.13
91	54	Q_D	0.24	0.13
91	27	Q_D	0.24	0.13
91	146	N_D	2.903E-02	1.528E-02
91	173	N_D	2.903E-02	1.528E-02
91	54	N_D	2.903E-02	1.528E-02
91	27	N_D	2.903E-02	1.528E-02
91	146	T+_D	0.	0.
91	173	T+_D	0.	0.
91	54	T+_D	0.	0.
91	27	T+_D	0.	0.
91	146	T-_D	0.	0.
91	173	T-_D	0.	0.
91	54	T-_D	0.	0.
91	27	T-_D	0.	0.
91	146	W+_K	0.	0.
91	173	W+_K	0.	0.
91	54	W+_K	0.	0.
91	27	W+_K	0.	0.
91	146	W-_K	0.	0.
91	173	W-_K	0.	0.
91	54	W-_K	0.	0.
91	27	W-_K	0.	0.
91	146	W+_D	0.	0.
91	173	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
91	54	W+_D	0.	0.
91	27	W+_D	0.	0.
91	146	W-_D	0.	0.
91	173	W-_D	0.	0.
91	54	W-_D	0.	0.
91	27	W-_D	0.	0.
91	146	SISMA SLV X	0.24	0.48
91	173	SISMA SLV X	0.24	0.48
91	54	SISMA SLV X	0.24	0.48
91	27	SISMA SLV X	0.24	0.48
91	146	SISMA SLV Y	0.16	0.23
91	173	SISMA SLV Y	0.16	0.23
91	54	SISMA SLV Y	0.16	0.23
91	27	SISMA SLV Y	0.16	0.23
91	146	SISMA SLD X	0.12	0.23
91	173	SISMA SLD X	0.12	0.23
91	54	SISMA SLD X	0.12	0.23
91	27	SISMA SLD X	0.12	0.23
91	146	SISMA SLD Y	7.985E-02	0.11
91	173	SISMA SLD Y	7.985E-02	0.11
91	54	SISMA SLD Y	7.985E-02	0.11
91	27	SISMA SLD Y	7.985E-02	0.11
91	146	SISMA SLO X	9.898E-02	0.19
91	173	SISMA SLO X	9.898E-02	0.19
91	54	SISMA SLO X	9.898E-02	0.19
91	27	SISMA SLO X	9.898E-02	0.19
91	146	SISMA SLO Y	6.613E-02	9.133E-02
91	173	SISMA SLO Y	6.613E-02	9.133E-02
91	54	SISMA SLO Y	6.613E-02	9.133E-02
91	27	SISMA SLO Y	6.613E-02	9.133E-02
91	146	SLT	0.	0.
91	173	SLT	0.	0.
91	54	SLT	0.	0.
91	27	SLT	0.	0.
91	146	~TorsionSISMA SLV X	0.	0.
91	173	~TorsionSISMA SLV X	0.	0.
91	54	~TorsionSISMA SLV X	0.	0.
91	27	~TorsionSISMA SLV X	0.	0.
91	146	~TorsionSISMA SLV Y	0.	0.
91	173	~TorsionSISMA SLV Y	0.	0.
91	54	~TorsionSISMA SLV Y	0.	0.
91	27	~TorsionSISMA SLV Y	0.	0.
91	146	~TorsionSISMA SLD X	0.	0.
91	173	~TorsionSISMA SLD X	0.	0.
91	54	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
91	27	~TorsionSISMA SLD X	0.	0.
91	146	~TorsionSISMA SLD Y	0.	0.
91	173	~TorsionSISMA SLD Y	0.	0.
91	54	~TorsionSISMA SLD Y	0.	0.
91	27	~TorsionSISMA SLD Y	0.	0.
91	146	~TorsionSISMA SLO X	0.	0.
91	173	~TorsionSISMA SLO X	0.	0.
91	54	~TorsionSISMA SLO X	0.	0.
91	27	~TorsionSISMA SLO X	0.	0.
91	146	~TorsionSISMA SLO Y	0.	0.
91	173	~TorsionSISMA SLO Y	0.	0.
91	54	~TorsionSISMA SLO Y	0.	0.
91	27	~TorsionSISMA SLO Y	0.	0.
92	27	G1_K	0.42	0.2
92	54	G1_K	0.42	0.2
92	174	G1_K	0.42	0.2
92	148	G1_K	0.42	0.2
92	27	G2_K	-4.55	1.12
92	54	G2_K	-4.55	1.12
92	174	G2_K	-4.55	1.12
92	148	G2_K	-4.55	1.12
92	27	Q_K	0.28	0.12
92	54	Q_K	0.28	0.12
92	174	Q_K	0.28	0.12
92	148	Q_K	0.28	0.12
92	27	N_K	3.367E-02	1.428E-02
92	54	N_K	3.367E-02	1.428E-02
92	174	N_K	3.367E-02	1.428E-02
92	148	N_K	3.367E-02	1.428E-02
92	27	T+_K	0.	0.
92	54	T+_K	0.	0.
92	174	T+_K	0.	0.
92	148	T+_K	0.	0.
92	27	T-_K	0.	0.
92	54	T-_K	0.	0.
92	174	T-_K	0.	0.
92	148	T-_K	0.	0.
92	27	G1_D	0.54	0.26
92	54	G1_D	0.54	0.26
92	174	G1_D	0.54	0.26
92	148	G1_D	0.54	0.26
92	27	G2_D	-5.91	1.46
92	54	G2_D	-5.91	1.46
92	174	G2_D	-5.91	1.46

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
92	148	G2_D	-5.91	1.46
92	27	Q_D	0.42	0.18
92	54	Q_D	0.42	0.18
92	174	Q_D	0.42	0.18
92	148	Q_D	0.42	0.18
92	27	N_D	5.051E-02	2.142E-02
92	54	N_D	5.051E-02	2.142E-02
92	174	N_D	5.051E-02	2.142E-02
92	148	N_D	5.051E-02	2.142E-02
92	27	T+_D	0.	0.
92	54	T+_D	0.	0.
92	174	T+_D	0.	0.
92	148	T+_D	0.	0.
92	27	T-_D	0.	0.
92	54	T-_D	0.	0.
92	174	T-_D	0.	0.
92	148	T-_D	0.	0.
92	27	W+_K	0.	0.
92	54	W+_K	0.	0.
92	174	W+_K	0.	0.
92	148	W+_K	0.	0.
92	27	W-_K	0.	0.
92	54	W-_K	0.	0.
92	174	W-_K	0.	0.
92	148	W-_K	0.	0.
92	27	W+_D	0.	0.
92	54	W+_D	0.	0.
92	174	W+_D	0.	0.
92	148	W+_D	0.	0.
92	27	W-_D	0.	0.
92	54	W-_D	0.	0.
92	174	W-_D	0.	0.
92	148	W-_D	0.	0.
92	27	SISMA SLV X	0.28	0.31
92	54	SISMA SLV X	0.28	0.31
92	174	SISMA SLV X	0.28	0.31
92	148	SISMA SLV X	0.28	0.31
92	27	SISMA SLV Y	0.2	0.19
92	54	SISMA SLV Y	0.2	0.19
92	174	SISMA SLV Y	0.2	0.19
92	148	SISMA SLV Y	0.2	0.19
92	27	SISMA SLD X	0.13	0.15
92	54	SISMA SLD X	0.13	0.15
92	174	SISMA SLD X	0.13	0.15
92	148	SISMA SLD X	0.13	0.15
92	27	SISMA SLD Y	9.809E-02	9.498E-02
92	54	SISMA SLD Y	9.809E-02	9.498E-02
92	174	SISMA SLD Y	9.809E-02	9.498E-02
92	148	SISMA SLD Y	9.809E-02	9.498E-02
92	27	SISMA SLO X	0.11	0.13
92	54	SISMA SLO X	0.11	0.13
92	174	SISMA SLO X	0.11	0.13
92	148	SISMA SLO X	0.11	0.13
92	27	SISMA SLO Y	8.124E-02	7.868E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
92	54	SISMA SLO Y	8.124E-02	7.868E-02
92	174	SISMA SLO Y	8.124E-02	7.868E-02
92	148	SISMA SLO Y	8.124E-02	7.868E-02
92	27	SLT	0.	0.
92	54	SLT	0.	0.
92	174	SLT	0.	0.
92	148	SLT	0.	0.
92	27	~TorsionSISMA SLV X	0.	0.
92	54	~TorsionSISMA SLV X	0.	0.
92	174	~TorsionSISMA SLV X	0.	0.
92	148	~TorsionSISMA SLV X	0.	0.
92	27	~TorsionSISMA SLV Y	0.	0.
92	54	~TorsionSISMA SLV Y	0.	0.
92	174	~TorsionSISMA SLV Y	0.	0.
92	148	~TorsionSISMA SLV Y	0.	0.
92	27	~TorsionSISMA SLD X	0.	0.
92	54	~TorsionSISMA SLD X	0.	0.
92	174	~TorsionSISMA SLD X	0.	0.
92	148	~TorsionSISMA SLD X	0.	0.
92	27	~TorsionSISMA SLD Y	0.	0.
92	54	~TorsionSISMA SLD Y	0.	0.
92	174	~TorsionSISMA SLD Y	0.	0.
92	148	~TorsionSISMA SLD Y	0.	0.
92	27	~TorsionSISMA SLO X	0.	0.
92	54	~TorsionSISMA SLO X	0.	0.
92	174	~TorsionSISMA SLO X	0.	0.
92	148	~TorsionSISMA SLO X	0.	0.
92	27	~TorsionSISMA SLO Y	0.	0.
92	54	~TorsionSISMA SLO Y	0.	0.
92	174	~TorsionSISMA SLO Y	0.	0.
92	148	~TorsionSISMA SLO Y	0.	0.
93	148	G1_K	0.61	0.64
93	174	G1_K	0.61	0.64
93	55	G1_K	0.61	0.64
93	1	G1_K	0.61	0.64

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
93	148	G2_K	-3.45	2.2
93	174	G2_K	-3.45	2.2
93	55	G2_K	-3.45	2.2
93	1	G2_K	-3.45	2.2
93	148	Q_K	0.39	0.43
93	174	Q_K	0.39	0.43
93	55	Q_K	0.39	0.43
93	1	Q_K	0.39	0.43
93	148	N_K	4.705E-02	5.112E-02
93	174	N_K	4.705E-02	5.112E-02
93	55	N_K	4.705E-02	5.112E-02
93	1	N_K	4.705E-02	5.112E-02
93	148	T+_K	0.	0.
93	174	T+_K	0.	0.
93	55	T+_K	0.	0.
93	1	T+_K	0.	0.
93	148	T-_K	0.	0.
93	174	T-_K	0.	0.
93	55	T-_K	0.	0.
93	1	T-_K	0.	0.
93	148	G1_D	0.8	0.84
93	174	G1_D	0.8	0.84
93	55	G1_D	0.8	0.84
93	1	G1_D	0.8	0.84
93	148	G2_D	-4.49	2.86
93	174	G2_D	-4.49	2.86
93	55	G2_D	-4.49	2.86
93	1	G2_D	-4.49	2.86
93	148	Q_D	0.59	0.64
93	174	Q_D	0.59	0.64
93	55	Q_D	0.59	0.64
93	1	Q_D	0.59	0.64
93	148	N_D	7.057E-02	7.667E-02
93	174	N_D	7.057E-02	7.667E-02
93	55	N_D	7.057E-02	7.667E-02
93	1	N_D	7.057E-02	7.667E-02
93	148	T+_D	0.	0.
93	174	T+_D	0.	0.
93	55	T+_D	0.	0.
93	1	T+_D	0.	0.
93	148	T-_D	0.	0.
93	174	T-_D	0.	0.
93	55	T-_D	0.	0.
93	1	T-_D	0.	0.
93	148	W+_K	0.	0.
93	174	W+_K	0.	0.
93	55	W+_K	0.	0.
93	1	W+_K	0.	0.
93	148	W-_K	0.	0.
93	174	W-_K	0.	0.
93	55	W-_K	0.	0.
93	1	W-_K	0.	0.
93	148	W+_D	0.	0.
93	174	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
93	55	W+_D	0.	0.
93	1	W+_D	0.	0.
93	148	W-_D	0.	0.
93	174	W-_D	0.	0.
93	55	W-_D	0.	0.
93	1	W-_D	0.	0.
93	148	SISMA SLV X	0.26	0.23
93	174	SISMA SLV X	0.26	0.23
93	55	SISMA SLV X	0.26	0.23
93	1	SISMA SLV X	0.26	0.23
93	148	SISMA SLV Y	0.22	0.16
93	174	SISMA SLV Y	0.22	0.16
93	55	SISMA SLV Y	0.22	0.16
93	1	SISMA SLV Y	0.22	0.16
93	148	SISMA SLD X	0.13	0.11
93	174	SISMA SLD X	0.13	0.11
93	55	SISMA SLD X	0.13	0.11
93	1	SISMA SLD X	0.13	0.11
93	148	SISMA SLD Y	0.11	7.793E-02
93	174	SISMA SLD Y	0.11	7.793E-02
93	55	SISMA SLD Y	0.11	7.793E-02
93	1	SISMA SLD Y	0.11	7.793E-02
93	148	SISMA SLO X	0.11	9.176E-02
93	174	SISMA SLO X	0.11	9.176E-02
93	55	SISMA SLO X	0.11	9.176E-02
93	1	SISMA SLO X	0.11	9.176E-02
93	148	SISMA SLO Y	8.801E-02	6.453E-02
93	174	SISMA SLO Y	8.801E-02	6.453E-02
93	55	SISMA SLO Y	8.801E-02	6.453E-02
93	1	SISMA SLO Y	8.801E-02	6.453E-02
93	148	SLT	0.	0.
93	174	SLT	0.	0.
93	55	SLT	0.	0.
93	1	SLT	0.	0.
93	148	~TorsionSISMA SLV X	0.	0.
93	174	~TorsionSISMA SLV X	0.	0.
93	55	~TorsionSISMA SLV X	0.	0.
93	1	~TorsionSISMA SLV X	0.	0.
93	148	~TorsionSISMA SLV Y	0.	0.
93	174	~TorsionSISMA SLV Y	0.	0.
93	55	~TorsionSISMA SLV Y	0.	0.
93	1	~TorsionSISMA SLV Y	0.	0.
93	148	~TorsionSISMA SLD X	0.	0.
93	174	~TorsionSISMA SLD X	0.	0.
93	55	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
93	1	~TorsionSISMA SLD X	0.	0.
93	148	~TorsionSISMA SLD Y	0.	0.
93	174	~TorsionSISMA SLD Y	0.	0.
93	55	~TorsionSISMA SLD Y	0.	0.
93	1	~TorsionSISMA SLD Y	0.	0.
93	148	~TorsionSISMA SLO X	0.	0.
93	174	~TorsionSISMA SLO X	0.	0.
93	55	~TorsionSISMA SLO X	0.	0.
93	1	~TorsionSISMA SLO X	0.	0.
93	148	~TorsionSISMA SLO Y	0.	0.
93	174	~TorsionSISMA SLO Y	0.	0.
93	55	~TorsionSISMA SLO Y	0.	0.
93	1	~TorsionSISMA SLO Y	0.	0.
94	1	G1_K	0.61	1.73
94	55	G1_K	0.61	1.73
94	130	G1_K	0.61	1.73
94	105	G1_K	0.61	1.73
94	1	G2_K	-0.9	1.72
94	55	G2_K	-0.9	1.72
94	130	G2_K	-0.9	1.72
94	105	G2_K	-0.9	1.72
94	1	Q_K	0.4	1.06
94	55	Q_K	0.4	1.06
94	130	Q_K	0.4	1.06
94	105	Q_K	0.4	1.06
94	1	N_K	4.778E-02	0.13
94	55	N_K	4.778E-02	0.13
94	130	N_K	4.778E-02	0.13
94	105	N_K	4.778E-02	0.13
94	1	T+_K	0.	0.
94	55	T+_K	0.	0.
94	130	T+_K	0.	0.
94	105	T+_K	0.	0.
94	1	T-_K	0.	0.
94	55	T-_K	0.	0.
94	130	T-_K	0.	0.
94	105	T-_K	0.	0.
94	1	G1_D	0.79	2.24
94	55	G1_D	0.79	2.24
94	130	G1_D	0.79	2.24
94	105	G1_D	0.79	2.24
94	1	G2_D	-1.17	2.23
94	55	G2_D	-1.17	2.23
94	130	G2_D	-1.17	2.23

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
94	105	G2_D	-1.17	2.23
94	1	Q_D	0.6	1.59
94	55	Q_D	0.6	1.59
94	130	Q_D	0.6	1.59
94	105	Q_D	0.6	1.59
94	1	N_D	7.167E-02	0.19
94	55	N_D	7.167E-02	0.19
94	130	N_D	7.167E-02	0.19
94	105	N_D	7.167E-02	0.19
94	1	T+_D	0.	0.
94	55	T+_D	0.	0.
94	130	T+_D	0.	0.
94	105	T+_D	0.	0.
94	1	T-_D	0.	0.
94	55	T-_D	0.	0.
94	130	T-_D	0.	0.
94	105	T-_D	0.	0.
94	1	W+_K	0.	0.
94	55	W+_K	0.	0.
94	130	W+_K	0.	0.
94	105	W+_K	0.	0.
94	1	W-_K	0.	0.
94	55	W-_K	0.	0.
94	130	W-_K	0.	0.
94	105	W-_K	0.	0.
94	1	W+_D	0.	0.
94	55	W+_D	0.	0.
94	130	W+_D	0.	0.
94	105	W+_D	0.	0.
94	1	W-_D	0.	0.
94	55	W-_D	0.	0.
94	130	W-_D	0.	0.
94	105	W-_D	0.	0.
94	1	SISMA SLV X	0.12	0.56
94	55	SISMA SLV X	0.12	0.56
94	130	SISMA SLV X	0.12	0.56
94	105	SISMA SLV X	0.12	0.56
94	1	SISMA SLV Y	0.17	0.25
94	55	SISMA SLV Y	0.17	0.25
94	130	SISMA SLV Y	0.17	0.25
94	105	SISMA SLV Y	0.17	0.25
94	1	SISMA SLD X	5.767E-02	0.27
94	55	SISMA SLD X	5.767E-02	0.27
94	130	SISMA SLD X	5.767E-02	0.27
94	105	SISMA SLD X	5.767E-02	0.27
94	1	SISMA SLD Y	8.442E-02	0.12
94	55	SISMA SLD Y	8.442E-02	0.12
94	130	SISMA SLD Y	8.442E-02	0.12
94	105	SISMA SLD Y	8.442E-02	0.12
94	1	SISMA SLO X	4.778E-02	0.23
94	55	SISMA SLO X	4.778E-02	0.23
94	130	SISMA SLO X	4.778E-02	0.23
94	105	SISMA SLO X	4.778E-02	0.23
94	1	SISMA SLO Y	6.992E-02	0.1

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
94	55	SISMA SLO Y	6.992E-02	0.1
94	130	SISMA SLO Y	6.992E-02	0.1
94	105	SISMA SLO Y	6.992E-02	0.1
94	1	SLT	0.	0.
94	55	SLT	0.	0.
94	130	SLT	0.	0.
94	105	SLT	0.	0.
94	1	~TorsionSISMA SLV X	0.	0.
94	55	~TorsionSISMA SLV X	0.	0.
94	130	~TorsionSISMA SLV X	0.	0.
94	105	~TorsionSISMA SLV X	0.	0.
94	1	~TorsionSISMA SLV Y	0.	0.
94	55	~TorsionSISMA SLV Y	0.	0.
94	130	~TorsionSISMA SLV Y	0.	0.
94	105	~TorsionSISMA SLV Y	0.	0.
94	1	~TorsionSISMA SLD X	0.	0.
94	55	~TorsionSISMA SLD X	0.	0.
94	130	~TorsionSISMA SLD X	0.	0.
94	105	~TorsionSISMA SLD X	0.	0.
94	1	~TorsionSISMA SLD Y	0.	0.
94	55	~TorsionSISMA SLD Y	0.	0.
94	130	~TorsionSISMA SLD Y	0.	0.
94	105	~TorsionSISMA SLD Y	0.	0.
94	1	~TorsionSISMA SLO X	0.	0.
94	55	~TorsionSISMA SLO X	0.	0.
94	130	~TorsionSISMA SLO X	0.	0.
94	105	~TorsionSISMA SLO X	0.	0.
94	1	~TorsionSISMA SLO Y	0.	0.
94	55	~TorsionSISMA SLO Y	0.	0.
94	130	~TorsionSISMA SLO Y	0.	0.
94	105	~TorsionSISMA SLO Y	0.	0.
95	111	G1_K	-0.12	0.88
95	112	G1_K	-0.12	0.88
95	110	G1_K	-0.12	0.88
95	108	G1_K	-0.12	0.88

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
95	111	G2_K	4.413E-02	-0.65
95	112	G2_K	4.413E-02	-0.65
95	110	G2_K	4.413E-02	-0.65
95	108	G2_K	4.413E-02	-0.65
95	111	Q_K	-7.663E-02	0.57
95	112	Q_K	-7.663E-02	0.57
95	110	Q_K	-7.663E-02	0.57
95	108	Q_K	-7.663E-02	0.57
95	111	N_K	-9.195E-03	6.861E-02
95	112	N_K	-9.195E-03	6.861E-02
95	110	N_K	-9.195E-03	6.861E-02
95	108	N_K	-9.195E-03	6.861E-02
95	111	T+_K	0.	0.
95	112	T+_K	0.	0.
95	110	T+_K	0.	0.
95	108	T+_K	0.	0.
95	111	T-_K	0.	0.
95	112	T-_K	0.	0.
95	110	T-_K	0.	0.
95	108	T-_K	0.	0.
95	111	G1_D	-0.15	1.14
95	112	G1_D	-0.15	1.14
95	110	G1_D	-0.15	1.14
95	108	G1_D	-0.15	1.14
95	111	G2_D	5.737E-02	-0.85
95	112	G2_D	5.737E-02	-0.85
95	110	G2_D	5.737E-02	-0.85
95	108	G2_D	5.737E-02	-0.85
95	111	Q_D	-0.11	0.86
95	112	Q_D	-0.11	0.86
95	110	Q_D	-0.11	0.86
95	108	Q_D	-0.11	0.86
95	111	N_D	-1.379E-02	0.1
95	112	N_D	-1.379E-02	0.1
95	110	N_D	-1.379E-02	0.1
95	108	N_D	-1.379E-02	0.1
95	111	T+_D	0.	0.
95	112	T+_D	0.	0.
95	110	T+_D	0.	0.
95	108	T+_D	0.	0.
95	111	T-_D	0.	0.
95	112	T-_D	0.	0.
95	110	T-_D	0.	0.
95	108	T-_D	0.	0.
95	111	W+_K	0.	0.
95	112	W+_K	0.	0.
95	110	W+_K	0.	0.
95	108	W+_K	0.	0.
95	111	W-_K	0.	0.
95	112	W-_K	0.	0.
95	110	W-_K	0.	0.
95	108	W-_K	0.	0.
95	111	W+_D	0.	0.
95	112	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
95	110	W+_D	0.	0.
95	108	W+_D	0.	0.
95	111	W-_D	0.	0.
95	112	W-_D	0.	0.
95	110	W-_D	0.	0.
95	108	W-_D	0.	0.
95	111	SISMA SLV X	3.452E-02	0.19
95	112	SISMA SLV X	3.452E-02	0.19
95	110	SISMA SLV X	3.452E-02	0.19
95	108	SISMA SLV X	3.452E-02	0.19
95	111	SISMA SLV Y	6.430E-02	0.38
95	112	SISMA SLV Y	6.430E-02	0.38
95	110	SISMA SLV Y	6.430E-02	0.38
95	108	SISMA SLV Y	6.430E-02	0.38
95	111	SISMA SLD X	1.686E-02	9.509E-02
95	112	SISMA SLD X	1.686E-02	9.509E-02
95	110	SISMA SLD X	1.686E-02	9.509E-02
95	108	SISMA SLD X	1.686E-02	9.509E-02
95	111	SISMA SLD Y	3.140E-02	0.19
95	112	SISMA SLD Y	3.140E-02	0.19
95	110	SISMA SLD Y	3.140E-02	0.19
95	108	SISMA SLD Y	3.140E-02	0.19
95	111	SISMA SLO X	1.397E-02	7.876E-02
95	112	SISMA SLO X	1.397E-02	7.876E-02
95	110	SISMA SLO X	1.397E-02	7.876E-02
95	108	SISMA SLO X	1.397E-02	7.876E-02
95	111	SISMA SLO Y	2.600E-02	0.16
95	112	SISMA SLO Y	2.600E-02	0.16
95	110	SISMA SLO Y	2.600E-02	0.16
95	108	SISMA SLO Y	2.600E-02	0.16
95	111	SLT	0.	0.
95	112	SLT	0.	0.
95	110	SLT	0.	0.
95	108	SLT	0.	0.
95	111	~TorsionSISMA SLV X	0.	0.
95	112	~TorsionSISMA SLV X	0.	0.
95	110	~TorsionSISMA SLV X	0.	0.
95	108	~TorsionSISMA SLV X	0.	0.
95	111	~TorsionSISMA SLV Y	0.	0.
95	112	~TorsionSISMA SLV Y	0.	0.
95	110	~TorsionSISMA SLV Y	0.	0.
95	108	~TorsionSISMA SLV Y	0.	0.
95	111	~TorsionSISMA SLD X	0.	0.
95	112	~TorsionSISMA SLD X	0.	0.
95	110	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
95	108	~TorsionSISMA SLD X	0.	0.
95	111	~TorsionSISMA SLD Y	0.	0.
95	112	~TorsionSISMA SLD Y	0.	0.
95	110	~TorsionSISMA SLD Y	0.	0.
95	108	~TorsionSISMA SLD Y	0.	0.
95	111	~TorsionSISMA SLO X	0.	0.
95	112	~TorsionSISMA SLO X	0.	0.
95	110	~TorsionSISMA SLO X	0.	0.
95	108	~TorsionSISMA SLO X	0.	0.
95	111	~TorsionSISMA SLO Y	0.	0.
95	112	~TorsionSISMA SLO Y	0.	0.
95	110	~TorsionSISMA SLO Y	0.	0.
95	108	~TorsionSISMA SLO Y	0.	0.
96	103	G1_K	1.21	-1.32
96	113	G1_K	-3.18	-1.32
96	114	G1_K	-3.18	4.01
96	115	G1_K	1.21	4.01
96	103	G2_K	-0.25	-1.927E-02
96	113	G2_K	-9.330E-02	-1.927E-02
96	114	G2_K	-9.330E-02	-0.2
96	115	G2_K	-0.25	-0.2
96	103	Q_K	0.77	-0.84
96	113	Q_K	-2.03	-0.84
96	114	Q_K	-2.03	2.57
96	115	Q_K	0.77	2.57
96	103	N_K	9.230E-02	-0.1
96	113	N_K	-0.24	-0.1
96	114	N_K	-0.24	0.31
96	115	N_K	9.230E-02	0.31
96	103	T+_K	0.	0.
96	113	T+_K	0.	0.
96	114	T+_K	0.	0.
96	115	T+_K	0.	0.
96	103	T-_K	0.	0.
96	113	T-_K	0.	0.
96	114	T-_K	0.	0.
96	115	T-_K	0.	0.
96	103	G1_D	1.57	-1.71
96	113	G1_D	-4.13	-1.71
96	114	G1_D	-4.13	5.21
96	115	G1_D	1.57	5.21
96	103	G2_D	-0.33	-2.505E-02
96	113	G2_D	-0.12	-2.505E-02
96	114	G2_D	-0.12	-0.26

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
96	115	G2_D	-0.33	-0.26
96	103	Q_D	1.15	-1.26
96	113	Q_D	-3.05	-1.26
96	114	Q_D	-3.05	3.85
96	115	Q_D	1.15	3.85
96	103	N_D	0.14	-0.15
96	113	N_D	-0.37	-0.15
96	114	N_D	-0.37	0.46
96	115	N_D	0.14	0.46
96	103	T+_D	0.	0.
96	113	T+_D	0.	0.
96	114	T+_D	0.	0.
96	115	T+_D	0.	0.
96	103	T-_D	0.	0.
96	113	T-_D	0.	0.
96	114	T-_D	0.	0.
96	115	T-_D	0.	0.
96	103	W+_K	0.	0.
96	113	W+_K	0.	0.
96	114	W+_K	0.	0.
96	115	W+_K	0.	0.
96	103	W-_K	0.	0.
96	113	W-_K	0.	0.
96	114	W-_K	0.	0.
96	115	W-_K	0.	0.
96	103	W+_D	0.	0.
96	113	W+_D	0.	0.
96	114	W+_D	0.	0.
96	115	W+_D	0.	0.
96	103	W-_D	0.	0.
96	113	W-_D	0.	0.
96	114	W-_D	0.	0.
96	115	W-_D	0.	0.
96	103	SISMA SLV X	0.13	0.23
96	113	SISMA SLV X	0.39	0.23
96	114	SISMA SLV X	0.39	0.55
96	115	SISMA SLV X	0.13	0.55
96	103	SISMA SLV Y	5.012E-02	0.15
96	113	SISMA SLV Y	0.26	0.15
96	114	SISMA SLV Y	0.26	0.27
96	115	SISMA SLV Y	5.012E-02	0.27
96	103	SISMA SLD X	6.556E-02	0.11
96	113	SISMA SLD X	0.19	0.11
96	114	SISMA SLD X	0.19	0.27
96	115	SISMA SLD X	6.556E-02	0.27
96	103	SISMA SLD Y	2.448E-02	7.340E-02
96	113	SISMA SLD Y	0.13	7.340E-02
96	114	SISMA SLD Y	0.13	0.13
96	115	SISMA SLD Y	2.448E-02	0.13
96	103	SISMA SLO X	5.433E-02	9.108E-02
96	113	SISMA SLO X	0.16	9.108E-02
96	114	SISMA SLO X	0.16	0.22
96	115	SISMA SLO X	5.433E-02	0.22
96	103	SISMA SLO Y	2.028E-02	6.079E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
96	113	SISMA SLO Y	0.1	6.079E-02
96	114	SISMA SLO Y	0.1	0.11
96	115	SISMA SLO Y	2.028E-02	0.11
96	103	SLT	0.	0.
96	113	SLT	0.	0.
96	114	SLT	0.	0.
96	115	SLT	0.	0.
96	103	~TorsionSISMA SLV X	0.	0.
96	113	~TorsionSISMA SLV X	0.	0.
96	114	~TorsionSISMA SLV X	0.	0.
96	115	~TorsionSISMA SLV X	0.	0.
96	103	~TorsionSISMA SLV Y	0.	0.
96	113	~TorsionSISMA SLV Y	0.	0.
96	114	~TorsionSISMA SLV Y	0.	0.
96	115	~TorsionSISMA SLV Y	0.	0.
96	103	~TorsionSISMA SLD X	0.	0.
96	113	~TorsionSISMA SLD X	0.	0.
96	114	~TorsionSISMA SLD X	0.	0.
96	115	~TorsionSISMA SLD X	0.	0.
96	103	~TorsionSISMA SLD Y	0.	0.
96	113	~TorsionSISMA SLD Y	0.	0.
96	114	~TorsionSISMA SLD Y	0.	0.
96	115	~TorsionSISMA SLD Y	0.	0.
96	103	~TorsionSISMA SLO X	0.	0.
96	113	~TorsionSISMA SLO X	0.	0.
96	114	~TorsionSISMA SLO X	0.	0.
96	115	~TorsionSISMA SLO X	0.	0.
96	103	~TorsionSISMA SLO Y	0.	0.
96	113	~TorsionSISMA SLO Y	0.	0.
96	114	~TorsionSISMA SLO Y	0.	0.
96	115	~TorsionSISMA SLO Y	0.	0.
97	115	G1_K	0.18	4.74
97	114	G1_K	-0.33	4.74
97	116	G1_K	-0.33	5.87
97	117	G1_K	0.18	5.87

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
97	115	G2_K	-0.37	-0.13
97	114	G2_K	-3.885E-02	-0.13
97	116	G2_K	-3.885E-02	-0.46
97	117	G2_K	-0.37	-0.46
97	115	Q_K	0.11	3.04
97	114	Q_K	-0.21	3.04
97	116	Q_K	-0.21	3.75
97	117	Q_K	0.11	3.75
97	115	N_K	1.279E-02	0.36
97	114	N_K	-2.570E-02	0.36
97	116	N_K	-2.570E-02	0.45
97	117	N_K	1.279E-02	0.45
97	115	T+_K	0.	0.
97	114	T+_K	0.	0.
97	116	T+_K	0.	0.
97	117	T+_K	0.	0.
97	115	T-_K	0.	0.
97	114	T-_K	0.	0.
97	116	T-_K	0.	0.
97	117	T-_K	0.	0.
97	115	G1_D	0.24	6.16
97	114	G1_D	-0.43	6.16
97	116	G1_D	-0.43	7.63
97	117	G1_D	0.24	7.63
97	115	G2_D	-0.48	-0.17
97	114	G2_D	-5.050E-02	-0.17
97	116	G2_D	-5.050E-02	-0.6
97	117	G2_D	-0.48	-0.6
97	115	Q_D	0.16	4.55
97	114	Q_D	-0.32	4.55
97	116	Q_D	-0.32	5.63
97	117	Q_D	0.16	5.63
97	115	N_D	1.919E-02	0.55
97	114	N_D	-3.855E-02	0.55
97	116	N_D	-3.855E-02	0.68
97	117	N_D	1.919E-02	0.68
97	115	T+_D	0.	0.
97	114	T+_D	0.	0.
97	116	T+_D	0.	0.
97	117	T+_D	0.	0.
97	115	T-_D	0.	0.
97	114	T-_D	0.	0.
97	116	T-_D	0.	0.
97	117	T-_D	0.	0.
97	115	W+_K	0.	0.
97	114	W+_K	0.	0.
97	116	W+_K	0.	0.
97	117	W+_K	0.	0.
97	115	W-_K	0.	0.
97	114	W-_K	0.	0.
97	116	W-_K	0.	0.
97	117	W-_K	0.	0.
97	115	W+_D	0.	0.
97	114	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
97	116	W+_D	0.	0.
97	117	W+_D	0.	0.
97	115	W-_D	0.	0.
97	114	W-_D	0.	0.
97	116	W-_D	0.	0.
97	117	W-_D	0.	0.
97	115	SISMA SLV X	0.27	0.67
97	114	SISMA SLV X	0.13	0.67
97	116	SISMA SLV X	0.13	0.71
97	117	SISMA SLV X	0.27	0.71
97	115	SISMA SLV Y	0.17	0.32
97	114	SISMA SLV Y	8.453E-02	0.32
97	116	SISMA SLV Y	8.453E-02	0.36
97	117	SISMA SLV Y	0.17	0.36
97	115	SISMA SLD X	0.13	0.33
97	114	SISMA SLD X	6.400E-02	0.33
97	116	SISMA SLD X	6.400E-02	0.34
97	117	SISMA SLD X	0.13	0.34
97	115	SISMA SLD Y	8.084E-02	0.16
97	114	SISMA SLD Y	4.127E-02	0.16
97	116	SISMA SLD Y	4.127E-02	0.17
97	117	SISMA SLD Y	8.084E-02	0.17
97	115	SISMA SLO X	0.11	0.27
97	114	SISMA SLO X	5.297E-02	0.27
97	116	SISMA SLO X	5.297E-02	0.29
97	117	SISMA SLO X	0.11	0.29
97	115	SISMA SLO Y	6.696E-02	0.13
97	114	SISMA SLO Y	3.412E-02	0.13
97	116	SISMA SLO Y	3.412E-02	0.14
97	117	SISMA SLO Y	6.696E-02	0.14
97	115	SLT	0.	0.
97	114	SLT	0.	0.
97	116	SLT	0.	0.
97	117	SLT	0.	0.
97	115	~TorsionSISMA SLV X	0.	0.
97	114	~TorsionSISMA SLV X	0.	0.
97	116	~TorsionSISMA SLV X	0.	0.
97	117	~TorsionSISMA SLV X	0.	0.
97	115	~TorsionSISMA SLV Y	0.	0.
97	114	~TorsionSISMA SLV Y	0.	0.
97	116	~TorsionSISMA SLV Y	0.	0.
97	117	~TorsionSISMA SLV Y	0.	0.
97	115	~TorsionSISMA SLD X	0.	0.
97	114	~TorsionSISMA SLD X	0.	0.
97	116	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
97	117	~TorsionSISMA SLD X	0.	0.
97	115	~TorsionSISMA SLD Y	0.	0.
97	114	~TorsionSISMA SLD Y	0.	0.
97	116	~TorsionSISMA SLD Y	0.	0.
97	117	~TorsionSISMA SLD Y	0.	0.
97	115	~TorsionSISMA SLO X	0.	0.
97	114	~TorsionSISMA SLO X	0.	0.
97	116	~TorsionSISMA SLO X	0.	0.
97	117	~TorsionSISMA SLO X	0.	0.
97	115	~TorsionSISMA SLO Y	0.	0.
97	114	~TorsionSISMA SLO Y	0.	0.
97	116	~TorsionSISMA SLO Y	0.	0.
97	117	~TorsionSISMA SLO Y	0.	0.
98	117	G1_K	-0.15	5.86
98	116	G1_K	0.33	5.86
98	118	G1_K	0.33	4.74
98	119	G1_K	-0.15	4.74
98	117	G2_K	-0.45	-0.44
98	116	G2_K	0.27	-0.44
98	118	G2_K	0.27	-1.98
98	119	G2_K	-0.45	-1.98
98	117	Q_K	-8.879E-02	3.75
98	116	Q_K	0.21	3.75
98	118	Q_K	0.21	3.03
98	119	Q_K	-8.879E-02	3.03
98	117	N_K	-1.065E-02	0.45
98	116	N_K	2.557E-02	0.45
98	118	N_K	2.557E-02	0.36
98	119	N_K	-1.065E-02	0.36
98	117	T+_K	0.	0.
98	116	T+_K	0.	0.
98	118	T+_K	0.	0.
98	119	T+_K	0.	0.
98	117	T-_K	0.	0.
98	116	T-_K	0.	0.
98	118	T-_K	0.	0.
98	119	T-_K	0.	0.
98	117	G1_D	-0.19	7.62
98	116	G1_D	0.43	7.62
98	118	G1_D	0.43	6.16
98	119	G1_D	-0.19	6.16
98	117	G2_D	-0.58	-0.58
98	116	G2_D	0.35	-0.58
98	118	G2_D	0.35	-2.57

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
98	119	G2_D	-0.58	-2.57
98	117	Q_D	-0.13	5.62
98	116	Q_D	0.32	5.62
98	118	Q_D	0.32	4.55
98	119	Q_D	-0.13	4.55
98	117	N_D	-1.598E-02	0.67
98	116	N_D	3.835E-02	0.67
98	118	N_D	3.835E-02	0.55
98	119	N_D	-1.598E-02	0.55
98	117	T+_D	0.	0.
98	116	T+_D	0.	0.
98	118	T+_D	0.	0.
98	119	T+_D	0.	0.
98	117	T-_D	0.	0.
98	116	T-_D	0.	0.
98	118	T-_D	0.	0.
98	119	T-_D	0.	0.
98	117	W+_K	0.	0.
98	116	W+_K	0.	0.
98	118	W+_K	0.	0.
98	119	W+_K	0.	0.
98	117	W-_K	0.	0.
98	116	W-_K	0.	0.
98	118	W-_K	0.	0.
98	119	W-_K	0.	0.
98	117	W+_D	0.	0.
98	116	W+_D	0.	0.
98	118	W+_D	0.	0.
98	119	W+_D	0.	0.
98	117	W-_D	0.	0.
98	116	W-_D	0.	0.
98	118	W-_D	0.	0.
98	119	W-_D	0.	0.
98	117	SISMA SLV X	0.29	0.72
98	116	SISMA SLV X	0.21	0.72
98	118	SISMA SLV X	0.21	0.46
98	119	SISMA SLV X	0.29	0.46
98	117	SISMA SLV Y	0.13	0.36
98	116	SISMA SLV Y	0.14	0.36
98	118	SISMA SLV Y	0.14	0.25
98	119	SISMA SLV Y	0.13	0.25
98	117	SISMA SLD X	0.14	0.35
98	116	SISMA SLD X	0.1	0.35
98	118	SISMA SLD X	0.1	0.23
98	119	SISMA SLD X	0.14	0.23
98	117	SISMA SLD Y	6.580E-02	0.18
98	116	SISMA SLD Y	6.657E-02	0.18
98	118	SISMA SLD Y	6.657E-02	0.12
98	119	SISMA SLD Y	6.580E-02	0.12
98	117	SISMA SLO X	0.12	0.29
98	116	SISMA SLO X	8.541E-02	0.29
98	118	SISMA SLO X	8.541E-02	0.19
98	119	SISMA SLO X	0.12	0.19
98	117	SISMA SLO Y	5.451E-02	0.15

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
98	116	SISMA SLO Y	5.510E-02	0.15
98	118	SISMA SLO Y	5.510E-02	0.1
98	119	SISMA SLO Y	5.451E-02	0.1
98	117	SLT	0.	0.
98	116	SLT	0.	0.
98	118	SLT	0.	0.
98	119	SLT	0.	0.
98	117	~TorsionSISMA SLV X	0.	0.
98	116	~TorsionSISMA SLV X	0.	0.
98	118	~TorsionSISMA SLV X	0.	0.
98	119	~TorsionSISMA SLV X	0.	0.
98	117	~TorsionSISMA SLV Y	0.	0.
98	116	~TorsionSISMA SLV Y	0.	0.
98	118	~TorsionSISMA SLV Y	0.	0.
98	119	~TorsionSISMA SLV Y	0.	0.
98	117	~TorsionSISMA SLD X	0.	0.
98	116	~TorsionSISMA SLD X	0.	0.
98	118	~TorsionSISMA SLD X	0.	0.
98	119	~TorsionSISMA SLD X	0.	0.
98	117	~TorsionSISMA SLD Y	0.	0.
98	116	~TorsionSISMA SLD Y	0.	0.
98	118	~TorsionSISMA SLD Y	0.	0.
98	119	~TorsionSISMA SLD Y	0.	0.
98	117	~TorsionSISMA SLO X	0.	0.
98	116	~TorsionSISMA SLO X	0.	0.
98	118	~TorsionSISMA SLO X	0.	0.
98	119	~TorsionSISMA SLO X	0.	0.
98	117	~TorsionSISMA SLO Y	0.	0.
98	116	~TorsionSISMA SLO Y	0.	0.
98	118	~TorsionSISMA SLO Y	0.	0.
98	119	~TorsionSISMA SLO Y	0.	0.
99	119	G1_K	-1.15	4.01
99	118	G1_K	3.14	4.01
99	120	G1_K	3.14	-1.3
99	104	G1_K	-1.15	-1.3

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
99	119	G2_K	0.65	-2.32
99	118	G2_K	1.84	-2.32
99	120	G2_K	1.84	-0.38
99	104	G2_K	0.65	-0.38
99	119	Q_K	-0.74	2.57
99	118	Q_K	2.01	2.57
99	120	Q_K	2.01	-0.83
99	104	Q_K	-0.74	-0.83
99	119	N_K	-8.823E-02	0.31
99	118	N_K	0.24	0.31
99	120	N_K	0.24	-9.962E-02
99	104	N_K	-8.823E-02	-9.962E-02
99	119	T+_K	0.	0.
99	118	T+_K	0.	0.
99	120	T+_K	0.	0.
99	104	T+_K	0.	0.
99	119	T-_K	0.	0.
99	118	T-_K	0.	0.
99	120	T-_K	0.	0.
99	104	T-_K	0.	0.
99	119	G1_D	-1.49	5.21
99	118	G1_D	4.08	5.21
99	120	G1_D	4.08	-1.7
99	104	G1_D	-1.49	-1.7
99	119	G2_D	0.84	-3.02
99	118	G2_D	2.4	-3.02
99	120	G2_D	2.4	-0.49
99	104	G2_D	0.84	-0.49
99	119	Q_D	-1.1	3.85
99	118	Q_D	3.02	3.85
99	120	Q_D	3.02	-1.25
99	104	Q_D	-1.1	-1.25
99	119	N_D	-0.13	0.46
99	118	N_D	0.36	0.46
99	120	N_D	0.36	-0.15
99	104	N_D	-0.13	-0.15
99	119	T+_D	0.	0.
99	118	T+_D	0.	0.
99	120	T+_D	0.	0.
99	104	T+_D	0.	0.
99	119	T-_D	0.	0.
99	118	T-_D	0.	0.
99	120	T-_D	0.	0.
99	104	T-_D	0.	0.
99	119	W+_K	0.	0.
99	118	W+_K	0.	0.
99	120	W+_K	0.	0.
99	104	W+_K	0.	0.
99	119	W-_K	0.	0.
99	118	W-_K	0.	0.
99	120	W-_K	0.	0.
99	104	W-_K	0.	0.
99	119	W+_D	0.	0.
99	118	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
99	120	W+_D	0.	0.
99	104	W+_D	0.	0.
99	119	W-_D	0.	0.
99	118	W-_D	0.	0.
99	120	W-_D	0.	0.
99	104	W-_D	0.	0.
99	119	SISMA SLV X	0.18	0.38
99	118	SISMA SLV X	0.4	0.38
99	120	SISMA SLV X	0.4	0.18
99	104	SISMA SLV X	0.18	0.18
99	119	SISMA SLV Y	8.321E-02	0.24
99	118	SISMA SLV Y	0.27	0.24
99	120	SISMA SLV Y	0.27	0.15
99	104	SISMA SLV Y	8.321E-02	0.15
99	119	SISMA SLD X	8.813E-02	0.19
99	118	SISMA SLD X	0.19	0.19
99	120	SISMA SLD X	0.19	8.893E-02
99	104	SISMA SLD X	8.813E-02	8.893E-02
99	119	SISMA SLD Y	4.064E-02	0.12
99	118	SISMA SLD Y	0.13	0.12
99	120	SISMA SLD Y	0.13	7.155E-02
99	104	SISMA SLD Y	4.064E-02	7.155E-02
99	119	SISMA SLO X	7.301E-02	0.16
99	118	SISMA SLO X	0.16	0.16
99	120	SISMA SLO X	0.16	7.369E-02
99	104	SISMA SLO X	7.301E-02	7.369E-02
99	119	SISMA SLO Y	3.367E-02	9.752E-02
99	118	SISMA SLO Y	0.11	9.752E-02
99	120	SISMA SLO Y	0.11	5.926E-02
99	104	SISMA SLO Y	3.367E-02	5.926E-02
99	119	SLT	0.	0.
99	118	SLT	0.	0.
99	120	SLT	0.	0.
99	104	SLT	0.	0.
99	119	~TorsionSISMA SLV X	0.	0.
99	118	~TorsionSISMA SLV X	0.	0.
99	120	~TorsionSISMA SLV X	0.	0.
99	104	~TorsionSISMA SLV X	0.	0.
99	119	~TorsionSISMA SLV Y	0.	0.
99	118	~TorsionSISMA SLV Y	0.	0.
99	120	~TorsionSISMA SLV Y	0.	0.
99	104	~TorsionSISMA SLV Y	0.	0.
99	119	~TorsionSISMA SLD X	0.	0.
99	118	~TorsionSISMA SLD X	0.	0.
99	120	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
99	104	~TorsionSISMA SLD X	0.	0.
99	119	~TorsionSISMA SLD Y	0.	0.
99	118	~TorsionSISMA SLD Y	0.	0.
99	120	~TorsionSISMA SLD Y	0.	0.
99	104	~TorsionSISMA SLD Y	0.	0.
99	119	~TorsionSISMA SLO X	0.	0.
99	118	~TorsionSISMA SLO X	0.	0.
99	120	~TorsionSISMA SLO X	0.	0.
99	104	~TorsionSISMA SLO X	0.	0.
99	119	~TorsionSISMA SLO Y	0.	0.
99	118	~TorsionSISMA SLO Y	0.	0.
99	120	~TorsionSISMA SLO Y	0.	0.
99	104	~TorsionSISMA SLO Y	0.	0.
100	113	G1_K	-3.96	-0.16
100	121	G1_K	-4.84	-0.16
100	122	G1_K	-4.84	0.72
100	114	G1_K	-3.96	0.72
100	113	G2_K	-4.985E-02	4.855E-02
100	121	G2_K	-0.12	4.855E-02
100	122	G2_K	-0.12	-0.11
100	114	G2_K	-4.985E-02	-0.11
100	113	Q_K	-2.54	-8.993E-02
100	121	Q_K	-3.09	-8.993E-02
100	122	Q_K	-3.09	0.46
100	114	Q_K	-2.54	0.46
100	113	N_K	-0.3	-1.079E-02
100	121	N_K	-0.37	-1.079E-02
100	122	N_K	-0.37	5.552E-02
100	114	N_K	-0.3	5.552E-02
100	113	T+_K	0.	0.
100	121	T+_K	0.	0.
100	122	T+_K	0.	0.
100	114	T+_K	0.	0.
100	113	T-_K	0.	0.
100	121	T-_K	0.	0.
100	122	T-_K	0.	0.
100	114	T-_K	0.	0.
100	113	G1_D	-5.15	-0.2
100	121	G1_D	-6.29	-0.2
100	122	G1_D	-6.29	0.94
100	114	G1_D	-5.15	0.94
100	113	G2_D	-6.480E-02	6.312E-02
100	121	G2_D	-0.16	6.312E-02
100	122	G2_D	-0.16	-0.14

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
100	114	G2_D	-6.480E-02	-0.14
100	113	Q_D	-3.81	-0.13
100	121	Q_D	-4.64	-0.13
100	122	Q_D	-4.64	0.69
100	114	Q_D	-3.81	0.69
100	113	N_D	-0.46	-1.619E-02
100	121	N_D	-0.56	-1.619E-02
100	122	N_D	-0.56	8.328E-02
100	114	N_D	-0.46	8.328E-02
100	113	T+_D	0.	0.
100	121	T+_D	0.	0.
100	122	T+_D	0.	0.
100	114	T+_D	0.	0.
100	113	T-_D	0.	0.
100	121	T-_D	0.	0.
100	122	T-_D	0.	0.
100	114	T-_D	0.	0.
100	113	W+_K	0.	0.
100	121	W+_K	0.	0.
100	122	W+_K	0.	0.
100	114	W+_K	0.	0.
100	113	W-_K	0.	0.
100	121	W-_K	0.	0.
100	122	W-_K	0.	0.
100	114	W-_K	0.	0.
100	113	W+_D	0.	0.
100	121	W+_D	0.	0.
100	122	W+_D	0.	0.
100	114	W+_D	0.	0.
100	113	W-_D	0.	0.
100	121	W-_D	0.	0.
100	122	W-_D	0.	0.
100	114	W-_D	0.	0.
100	113	SISMA SLV X	0.5	0.15
100	121	SISMA SLV X	0.56	0.15
100	122	SISMA SLV X	0.56	0.2
100	114	SISMA SLV X	0.5	0.2
100	113	SISMA SLV Y	0.31	0.31
100	121	SISMA SLV Y	0.24	0.31
100	122	SISMA SLV Y	0.24	0.19
100	114	SISMA SLV Y	0.31	0.19
100	113	SISMA SLD X	0.24	7.220E-02
100	121	SISMA SLD X	0.27	7.220E-02
100	122	SISMA SLD X	0.27	9.805E-02
100	114	SISMA SLD X	0.24	9.805E-02
100	113	SISMA SLD Y	0.15	0.15
100	121	SISMA SLD Y	0.12	0.15
100	122	SISMA SLD Y	0.12	9.099E-02
100	114	SISMA SLD Y	0.15	9.099E-02
100	113	SISMA SLO X	0.2	5.979E-02
100	121	SISMA SLO X	0.23	5.979E-02
100	122	SISMA SLO X	0.23	8.121E-02
100	114	SISMA SLO X	0.2	8.121E-02
100	113	SISMA SLO Y	0.13	0.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
100	121	SISMA SLO Y	9.536E-02	0.12
100	122	SISMA SLO Y	9.536E-02	7.530E-02
100	114	SISMA SLO Y	0.13	7.530E-02
100	113	SLT	0.	0.
100	121	SLT	0.	0.
100	122	SLT	0.	0.
100	114	SLT	0.	0.
100	113	~TorsionSISMA SLV X	0.	0.
100	121	~TorsionSISMA SLV X	0.	0.
100	122	~TorsionSISMA SLV X	0.	0.
100	114	~TorsionSISMA SLV X	0.	0.
100	113	~TorsionSISMA SLV Y	0.	0.
100	121	~TorsionSISMA SLV Y	0.	0.
100	122	~TorsionSISMA SLV Y	0.	0.
100	114	~TorsionSISMA SLV Y	0.	0.
100	113	~TorsionSISMA SLD X	0.	0.
100	121	~TorsionSISMA SLD X	0.	0.
100	122	~TorsionSISMA SLD X	0.	0.
100	114	~TorsionSISMA SLD X	0.	0.
100	113	~TorsionSISMA SLD Y	0.	0.
100	121	~TorsionSISMA SLD Y	0.	0.
100	122	~TorsionSISMA SLD Y	0.	0.
100	114	~TorsionSISMA SLD Y	0.	0.
100	113	~TorsionSISMA SLO X	0.	0.
100	121	~TorsionSISMA SLO X	0.	0.
100	122	~TorsionSISMA SLO X	0.	0.
100	114	~TorsionSISMA SLO X	0.	0.
100	113	~TorsionSISMA SLO Y	0.	0.
100	121	~TorsionSISMA SLO Y	0.	0.
100	122	~TorsionSISMA SLO Y	0.	0.
100	114	~TorsionSISMA SLO Y	0.	0.
101	114	G1_K	-0.64	1.
101	122	G1_K	-0.99	1.
101	123	G1_K	-0.99	1.58
101	116	G1_K	-0.64	1.58

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
101	114	G2_K	6.668E-02	-0.12
101	122	G2_K	3.334E-02	-0.12
101	123	G2_K	3.334E-02	-0.3
101	116	G2_K	6.668E-02	-0.3
101	114	Q_K	-0.41	0.64
101	122	Q_K	-0.64	0.64
101	123	Q_K	-0.64	1.01
101	116	Q_K	-0.41	1.01
101	114	N_K	-4.939E-02	7.661E-02
101	122	N_K	-7.637E-02	7.661E-02
101	123	N_K	-7.637E-02	0.12
101	116	N_K	-4.939E-02	0.12
101	114	T+_K	0.	0.
101	122	T+_K	0.	0.
101	123	T+_K	0.	0.
101	116	T+_K	0.	0.
101	114	T-_K	0.	0.
101	122	T-_K	0.	0.
101	123	T-_K	0.	0.
101	116	T-_K	0.	0.
101	114	G1_D	-0.84	1.3
101	122	G1_D	-1.29	1.3
101	123	G1_D	-1.29	2.05
101	116	G1_D	-0.84	2.05
101	114	G2_D	8.668E-02	-0.15
101	122	G2_D	4.334E-02	-0.15
101	123	G2_D	4.334E-02	-0.39
101	116	G2_D	8.668E-02	-0.39
101	114	Q_D	-0.62	0.96
101	122	Q_D	-0.95	0.96
101	123	Q_D	-0.95	1.52
101	116	Q_D	-0.62	1.52
101	114	N_D	-7.409E-02	0.11
101	122	N_D	-0.11	0.11
101	123	N_D	-0.11	0.18
101	116	N_D	-7.409E-02	0.18
101	114	T+_D	0.	0.
101	122	T+_D	0.	0.
101	123	T+_D	0.	0.
101	116	T+_D	0.	0.
101	114	T-_D	0.	0.
101	122	T-_D	0.	0.
101	123	T-_D	0.	0.
101	116	T-_D	0.	0.
101	114	W+_K	0.	0.
101	122	W+_K	0.	0.
101	123	W+_K	0.	0.
101	116	W+_K	0.	0.
101	114	W-_K	0.	0.
101	122	W-_K	0.	0.
101	123	W-_K	0.	0.
101	116	W-_K	0.	0.
101	114	W+_D	0.	0.
101	122	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
101	123	W+_D	0.	0.
101	116	W+_D	0.	0.
101	114	W-_D	0.	0.
101	122	W-_D	0.	0.
101	123	W-_D	0.	0.
101	116	W-_D	0.	0.
101	114	SISMA SLV X	0.16	0.22
101	122	SISMA SLV X	0.23	0.22
101	123	SISMA SLV X	0.23	0.29
101	116	SISMA SLV X	0.16	0.29
101	114	SISMA SLV Y	8.360E-02	0.21
101	122	SISMA SLV Y	0.12	0.21
101	123	SISMA SLV Y	0.12	0.21
101	116	SISMA SLV Y	8.360E-02	0.21
101	114	SISMA SLD X	7.995E-02	0.11
101	122	SISMA SLD X	0.11	0.11
101	123	SISMA SLD X	0.11	0.14
101	116	SISMA SLD X	7.995E-02	0.14
101	114	SISMA SLD Y	4.081E-02	0.1
101	122	SISMA SLD Y	5.919E-02	0.1
101	123	SISMA SLD Y	5.919E-02	0.1
101	116	SISMA SLD Y	4.081E-02	0.1
101	114	SISMA SLO X	6.620E-02	8.747E-02
101	122	SISMA SLO X	9.482E-02	8.747E-02
101	123	SISMA SLO X	9.482E-02	0.12
101	116	SISMA SLO X	6.620E-02	0.12
101	114	SISMA SLO Y	3.372E-02	8.656E-02
101	122	SISMA SLO Y	4.891E-02	8.656E-02
101	123	SISMA SLO Y	4.891E-02	8.594E-02
101	116	SISMA SLO Y	3.372E-02	8.594E-02
101	114	SLT	0.	0.
101	122	SLT	0.	0.
101	123	SLT	0.	0.
101	116	SLT	0.	0.
101	114	~TorsionSISMA SLV X	0.	0.
101	122	~TorsionSISMA SLV X	0.	0.
101	123	~TorsionSISMA SLV X	0.	0.
101	116	~TorsionSISMA SLV X	0.	0.
101	114	~TorsionSISMA SLV Y	0.	0.
101	122	~TorsionSISMA SLV Y	0.	0.
101	123	~TorsionSISMA SLV Y	0.	0.
101	116	~TorsionSISMA SLV Y	0.	0.
101	114	~TorsionSISMA SLD X	0.	0.
101	122	~TorsionSISMA SLD X	0.	0.
101	123	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
101	116	~TorsionSISMA SLD X	0.	0.
101	114	~TorsionSISMA SLD Y	0.	0.
101	122	~TorsionSISMA SLD Y	0.	0.
101	123	~TorsionSISMA SLD Y	0.	0.
101	116	~TorsionSISMA SLD Y	0.	0.
101	114	~TorsionSISMA SLO X	0.	0.
101	122	~TorsionSISMA SLO X	0.	0.
101	123	~TorsionSISMA SLO X	0.	0.
101	116	~TorsionSISMA SLO X	0.	0.
101	114	~TorsionSISMA SLO Y	0.	0.
101	122	~TorsionSISMA SLO Y	0.	0.
101	123	~TorsionSISMA SLO Y	0.	0.
101	116	~TorsionSISMA SLO Y	0.	0.
102	116	G1_K	0.65	1.59
102	123	G1_K	0.97	1.59
102	124	G1_K	0.97	0.98
102	118	G1_K	0.65	0.98
102	116	G2_K	0.45	-0.38
102	123	G2_K	0.69	-0.38
102	124	G2_K	0.69	-0.44
102	118	G2_K	0.45	-0.44
102	116	Q_K	0.41	1.02
102	123	Q_K	0.62	1.02
102	124	Q_K	0.62	0.63
102	118	Q_K	0.41	0.63
102	116	N_K	4.967E-02	0.12
102	123	N_K	7.444E-02	0.12
102	124	N_K	7.444E-02	7.513E-02
102	118	N_K	4.967E-02	7.513E-02
102	116	T+_K	0.	0.
102	123	T+_K	0.	0.
102	124	T+_K	0.	0.
102	118	T+_K	0.	0.
102	116	T-_K	0.	0.
102	123	T-_K	0.	0.
102	124	T-_K	0.	0.
102	118	T-_K	0.	0.
102	116	G1_D	0.84	2.06
102	123	G1_D	1.26	2.06
102	124	G1_D	1.26	1.27
102	118	G1_D	0.84	1.27
102	116	G2_D	0.59	-0.49
102	123	G2_D	0.89	-0.49
102	124	G2_D	0.89	-0.57

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
102	118	G2_D	0.59	-0.57
102	116	Q_D	0.62	1.52
102	123	Q_D	0.93	1.52
102	124	Q_D	0.93	0.94
102	118	Q_D	0.62	0.94
102	116	N_D	7.450E-02	0.18
102	123	N_D	0.11	0.18
102	124	N_D	0.11	0.11
102	118	N_D	7.450E-02	0.11
102	116	T+_D	0.	0.
102	123	T+_D	0.	0.
102	124	T+_D	0.	0.
102	118	T+_D	0.	0.
102	116	T-_D	0.	0.
102	123	T-_D	0.	0.
102	124	T-_D	0.	0.
102	118	T-_D	0.	0.
102	116	W+_K	0.	0.
102	123	W+_K	0.	0.
102	124	W+_K	0.	0.
102	118	W+_K	0.	0.
102	116	W-_K	0.	0.
102	123	W-_K	0.	0.
102	124	W-_K	0.	0.
102	118	W-_K	0.	0.
102	116	W+_D	0.	0.
102	123	W+_D	0.	0.
102	124	W+_D	0.	0.
102	118	W+_D	0.	0.
102	116	W-_D	0.	0.
102	123	W-_D	0.	0.
102	124	W-_D	0.	0.
102	118	W-_D	0.	0.
102	116	SISMA SLV X	0.28	0.28
102	123	SISMA SLV X	0.32	0.28
102	124	SISMA SLV X	0.32	0.21
102	118	SISMA SLV X	0.28	0.21
102	116	SISMA SLV Y	0.14	0.22
102	123	SISMA SLV Y	0.16	0.22
102	124	SISMA SLV Y	0.16	0.23
102	118	SISMA SLV Y	0.14	0.23
102	116	SISMA SLD X	0.13	0.14
102	123	SISMA SLD X	0.16	0.14
102	124	SISMA SLD X	0.16	0.1
102	118	SISMA SLD X	0.13	0.1
102	116	SISMA SLD Y	6.774E-02	0.11
102	123	SISMA SLD Y	7.712E-02	0.11
102	124	SISMA SLD Y	7.712E-02	0.11
102	118	SISMA SLD Y	6.774E-02	0.11
102	116	SISMA SLO X	0.11	0.11
102	123	SISMA SLO X	0.13	0.11
102	124	SISMA SLO X	0.13	8.481E-02
102	118	SISMA SLO X	0.11	8.481E-02
102	116	SISMA SLO Y	5.607E-02	8.693E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
102	123	SISMA SLO Y	6.383E-02	8.693E-02
102	124	SISMA SLO Y	6.383E-02	9.194E-02
102	118	SISMA SLO Y	5.607E-02	9.194E-02
102	116	SLT	0.	0.
102	123	SLT	0.	0.
102	124	SLT	0.	0.
102	118	SLT	0.	0.
102	116	~TorsionSISMA SLV X	0.	0.
102	123	~TorsionSISMA SLV X	0.	0.
102	124	~TorsionSISMA SLV X	0.	0.
102	118	~TorsionSISMA SLV X	0.	0.
102	116	~TorsionSISMA SLV Y	0.	0.
102	123	~TorsionSISMA SLV Y	0.	0.
102	124	~TorsionSISMA SLV Y	0.	0.
102	118	~TorsionSISMA SLV Y	0.	0.
102	116	~TorsionSISMA SLD X	0.	0.
102	123	~TorsionSISMA SLD X	0.	0.
102	124	~TorsionSISMA SLD X	0.	0.
102	118	~TorsionSISMA SLD X	0.	0.
102	116	~TorsionSISMA SLD Y	0.	0.
102	123	~TorsionSISMA SLD Y	0.	0.
102	124	~TorsionSISMA SLD Y	0.	0.
102	118	~TorsionSISMA SLD Y	0.	0.
102	116	~TorsionSISMA SLO X	0.	0.
102	123	~TorsionSISMA SLO X	0.	0.
102	124	~TorsionSISMA SLO X	0.	0.
102	118	~TorsionSISMA SLO X	0.	0.
102	116	~TorsionSISMA SLO Y	0.	0.
102	123	~TorsionSISMA SLO Y	0.	0.
102	124	~TorsionSISMA SLO Y	0.	0.
102	118	~TorsionSISMA SLO Y	0.	0.
103	118	G1_K	3.91	0.68
103	124	G1_K	4.94	0.68
103	125	G1_K	4.94	-0.12
103	120	G1_K	3.91	-0.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
103	118	G2_K	1.48	-0.68
103	124	G2_K	2.39	-0.68
103	125	G2_K	2.39	-0.65
103	120	G2_K	1.48	-0.65
103	118	Q_K	2.51	0.44
103	124	Q_K	3.16	0.44
103	125	Q_K	3.16	-7.121E-02
103	120	Q_K	2.51	-7.121E-02
103	118	N_K	0.3	5.259E-02
103	124	N_K	0.38	5.259E-02
103	125	N_K	0.38	-8.545E-03
103	120	N_K	0.3	-8.545E-03
103	118	T+_K	0.	0.
103	124	T+_K	0.	0.
103	125	T+_K	0.	0.
103	120	T+_K	0.	0.
103	118	T-_K	0.	0.
103	124	T-_K	0.	0.
103	125	T-_K	0.	0.
103	120	T-_K	0.	0.
103	118	G1_D	5.09	0.88
103	124	G1_D	6.43	0.88
103	125	G1_D	6.43	-0.16
103	120	G1_D	5.09	-0.16
103	118	G2_D	1.93	-0.88
103	124	G2_D	3.1	-0.88
103	125	G2_D	3.1	-0.84
103	120	G2_D	1.93	-0.84
103	118	Q_D	3.76	0.66
103	124	Q_D	4.74	0.66
103	125	Q_D	4.74	-0.11
103	120	Q_D	3.76	-0.11
103	118	N_D	0.45	7.888E-02
103	124	N_D	0.57	7.888E-02
103	125	N_D	0.57	-1.282E-02
103	120	N_D	0.45	-1.282E-02
103	118	T+_D	0.	0.
103	124	T+_D	0.	0.
103	125	T+_D	0.	0.
103	120	T+_D	0.	0.
103	118	T-_D	0.	0.
103	124	T-_D	0.	0.
103	125	T-_D	0.	0.
103	120	T-_D	0.	0.
103	118	W+_K	0.	0.
103	124	W+_K	0.	0.
103	125	W+_K	0.	0.
103	120	W+_K	0.	0.
103	118	W-_K	0.	0.
103	124	W-_K	0.	0.
103	125	W-_K	0.	0.
103	120	W-_K	0.	0.
103	118	W+_D	0.	0.
103	124	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
103	125	W+_D	0.	0.
103	120	W+_D	0.	0.
103	118	W-_D	0.	0.
103	124	W-_D	0.	0.
103	125	W-_D	0.	0.
103	120	W-_D	0.	0.
103	118	SISMA SLV X	0.47	0.17
103	124	SISMA SLV X	0.62	0.17
103	125	SISMA SLV X	0.62	0.22
103	120	SISMA SLV X	0.47	0.22
103	118	SISMA SLV Y	0.3	0.2
103	124	SISMA SLV Y	0.26	0.2
103	125	SISMA SLV Y	0.26	0.3
103	120	SISMA SLV Y	0.3	0.3
103	118	SISMA SLD X	0.23	8.108E-02
103	124	SISMA SLD X	0.3	8.108E-02
103	125	SISMA SLD X	0.3	0.11
103	120	SISMA SLD X	0.23	0.11
103	118	SISMA SLD Y	0.15	9.833E-02
103	124	SISMA SLD Y	0.13	9.833E-02
103	125	SISMA SLD Y	0.13	0.15
103	120	SISMA SLD Y	0.15	0.15
103	118	SISMA SLO X	0.19	6.714E-02
103	124	SISMA SLO X	0.25	6.714E-02
103	125	SISMA SLO X	0.25	8.978E-02
103	120	SISMA SLO X	0.19	8.978E-02
103	118	SISMA SLO Y	0.12	8.138E-02
103	124	SISMA SLO Y	0.1	8.138E-02
103	125	SISMA SLO Y	0.1	0.12
103	120	SISMA SLO Y	0.12	0.12
103	118	SLT	0.	0.
103	124	SLT	0.	0.
103	125	SLT	0.	0.
103	120	SLT	0.	0.
103	118	~TorsionSISMA SLV X	0.	0.
103	124	~TorsionSISMA SLV X	0.	0.
103	125	~TorsionSISMA SLV X	0.	0.
103	120	~TorsionSISMA SLV X	0.	0.
103	118	~TorsionSISMA SLV Y	0.	0.
103	124	~TorsionSISMA SLV Y	0.	0.
103	125	~TorsionSISMA SLV Y	0.	0.
103	120	~TorsionSISMA SLV Y	0.	0.
103	118	~TorsionSISMA SLD X	0.	0.
103	124	~TorsionSISMA SLD X	0.	0.
103	125	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
103	120	~TorsionSISMA SLD X	0.	0.
103	118	~TorsionSISMA SLD Y	0.	0.
103	124	~TorsionSISMA SLD Y	0.	0.
103	125	~TorsionSISMA SLD Y	0.	0.
103	120	~TorsionSISMA SLD Y	0.	0.
103	118	~TorsionSISMA SLO X	0.	0.
103	124	~TorsionSISMA SLO X	0.	0.
103	125	~TorsionSISMA SLO X	0.	0.
103	120	~TorsionSISMA SLO X	0.	0.
103	118	~TorsionSISMA SLO Y	0.	0.
103	124	~TorsionSISMA SLO Y	0.	0.
103	125	~TorsionSISMA SLO Y	0.	0.
103	120	~TorsionSISMA SLO Y	0.	0.
104	121	G1_K	-4.84	6.091E-02
104	126	G1_K	-4.04	6.091E-02
104	127	G1_K	-4.04	-0.76
104	122	G1_K	-4.84	-0.76
104	121	G2_K	-0.13	5.170E-02
104	126	G2_K	-3.100E-02	5.170E-02
104	127	G2_K	-3.100E-02	5.422E-02
104	122	G2_K	-0.13	5.422E-02
104	121	Q_K	-3.1	3.622E-02
104	126	Q_K	-2.59	3.622E-02
104	127	Q_K	-2.59	-0.49
104	122	Q_K	-3.1	-0.49
104	121	N_K	-0.37	4.346E-03
104	126	N_K	-0.31	4.346E-03
104	127	N_K	-0.31	-5.878E-02
104	122	N_K	-0.37	-5.878E-02
104	121	T+_K	0.	0.
104	126	T+_K	0.	0.
104	127	T+_K	0.	0.
104	122	T+_K	0.	0.
104	121	T-_K	0.	0.
104	126	T-_K	0.	0.
104	127	T-_K	0.	0.
104	122	T-_K	0.	0.
104	121	G1_D	-6.3	7.918E-02
104	126	G1_D	-5.26	7.918E-02
104	127	G1_D	-5.26	-0.99
104	122	G1_D	-6.3	-0.99
104	121	G2_D	-0.17	6.721E-02
104	126	G2_D	-4.029E-02	6.721E-02
104	127	G2_D	-4.029E-02	7.049E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
104	122	G2_D	-0.17	7.049E-02
104	121	Q_D	-4.65	5.433E-02
104	126	Q_D	-3.89	5.433E-02
104	127	Q_D	-3.89	-0.73
104	122	Q_D	-4.65	-0.73
104	121	N_D	-0.56	6.520E-03
104	126	N_D	-0.47	6.520E-03
104	127	N_D	-0.47	-8.817E-02
104	122	N_D	-0.56	-8.817E-02
104	121	T+_D	0.	0.
104	126	T+_D	0.	0.
104	127	T+_D	0.	0.
104	122	T+_D	0.	0.
104	121	T-_D	0.	0.
104	126	T-_D	0.	0.
104	127	T-_D	0.	0.
104	122	T-_D	0.	0.
104	121	W+_K	0.	0.
104	126	W+_K	0.	0.
104	127	W+_K	0.	0.
104	122	W+_K	0.	0.
104	121	W-_K	0.	0.
104	126	W-_K	0.	0.
104	127	W-_K	0.	0.
104	122	W-_K	0.	0.
104	121	W+_D	0.	0.
104	126	W+_D	0.	0.
104	127	W+_D	0.	0.
104	122	W+_D	0.	0.
104	121	W-_D	0.	0.
104	126	W-_D	0.	0.
104	127	W-_D	0.	0.
104	122	W-_D	0.	0.
104	121	SISMA SLV X	0.56	0.15
104	126	SISMA SLV X	0.47	0.15
104	127	SISMA SLV X	0.47	0.25
104	122	SISMA SLV X	0.56	0.25
104	121	SISMA SLV Y	0.24	0.33
104	126	SISMA SLV Y	0.3	0.33
104	127	SISMA SLV Y	0.3	0.2
104	122	SISMA SLV Y	0.24	0.2
104	121	SISMA SLD X	0.27	7.294E-02
104	126	SISMA SLD X	0.23	7.294E-02
104	127	SISMA SLD X	0.23	0.12
104	122	SISMA SLD X	0.27	0.12
104	121	SISMA SLD Y	0.12	0.16
104	126	SISMA SLD Y	0.15	0.16
104	127	SISMA SLD Y	0.15	9.523E-02
104	122	SISMA SLD Y	0.12	9.523E-02
104	121	SISMA SLO X	0.23	6.041E-02
104	126	SISMA SLO X	0.19	6.041E-02
104	127	SISMA SLO X	0.19	0.1
104	122	SISMA SLO X	0.23	0.1
104	121	SISMA SLO Y	9.583E-02	0.13

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
104	126	SISMA SLO Y	0.12	0.13
104	127	SISMA SLO Y	0.12	7.881E-02
104	122	SISMA SLO Y	9.583E-02	7.881E-02
104	121	SLT	0.	0.
104	126	SLT	0.	0.
104	127	SLT	0.	0.
104	122	SLT	0.	0.
104	121	~TorsionSISMA SLV X	0.	0.
104	126	~TorsionSISMA SLV X	0.	0.
104	127	~TorsionSISMA SLV X	0.	0.
104	122	~TorsionSISMA SLV X	0.	0.
104	121	~TorsionSISMA SLV Y	0.	0.
104	126	~TorsionSISMA SLV Y	0.	0.
104	127	~TorsionSISMA SLV Y	0.	0.
104	122	~TorsionSISMA SLV Y	0.	0.
104	121	~TorsionSISMA SLD X	0.	0.
104	126	~TorsionSISMA SLD X	0.	0.
104	127	~TorsionSISMA SLD X	0.	0.
104	122	~TorsionSISMA SLD X	0.	0.
104	121	~TorsionSISMA SLD Y	0.	0.
104	126	~TorsionSISMA SLD Y	0.	0.
104	127	~TorsionSISMA SLD Y	0.	0.
104	122	~TorsionSISMA SLD Y	0.	0.
104	121	~TorsionSISMA SLO X	0.	0.
104	126	~TorsionSISMA SLO X	0.	0.
104	127	~TorsionSISMA SLO X	0.	0.
104	122	~TorsionSISMA SLO X	0.	0.
104	121	~TorsionSISMA SLO Y	0.	0.
104	126	~TorsionSISMA SLO Y	0.	0.
104	127	~TorsionSISMA SLO Y	0.	0.
104	122	~TorsionSISMA SLO Y	0.	0.
105	122	G1_K	-1.01	-1.05
105	127	G1_K	-0.48	-1.05
105	128	G1_K	-0.48	-1.56
105	123	G1_K	-1.01	-1.56

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
105	122	G2_K	4.095E-02	3.614E-02
105	127	G2_K	7.731E-02	3.614E-02
105	128	G2_K	7.731E-02	0.21
105	123	G2_K	4.095E-02	0.21
105	122	Q_K	-0.65	-0.67
105	127	Q_K	-0.31	-0.67
105	128	Q_K	-0.31	-1.
105	123	Q_K	-0.65	-1.
105	122	N_K	-7.756E-02	-8.066E-02
105	127	N_K	-3.671E-02	-8.066E-02
105	128	N_K	-3.671E-02	-0.12
105	123	N_K	-7.756E-02	-0.12
105	122	T+_K	0.	0.
105	127	T+_K	0.	0.
105	128	T+_K	0.	0.
105	123	T+_K	0.	0.
105	122	T-_K	0.	0.
105	127	T-_K	0.	0.
105	128	T-_K	0.	0.
105	123	T-_K	0.	0.
105	122	G1_D	-1.31	-1.37
105	127	G1_D	-0.63	-1.37
105	128	G1_D	-0.63	-2.03
105	123	G1_D	-1.31	-2.03
105	122	G2_D	5.323E-02	4.698E-02
105	127	G2_D	0.1	4.698E-02
105	128	G2_D	0.1	0.28
105	123	G2_D	5.323E-02	0.28
105	122	Q_D	-0.97	-1.01
105	127	Q_D	-0.46	-1.01
105	128	Q_D	-0.46	-1.5
105	123	Q_D	-0.97	-1.5
105	122	N_D	-0.12	-0.12
105	127	N_D	-5.506E-02	-0.12
105	128	N_D	-5.506E-02	-0.18
105	123	N_D	-0.12	-0.18
105	122	T+_D	0.	0.
105	127	T+_D	0.	0.
105	128	T+_D	0.	0.
105	123	T+_D	0.	0.
105	122	T-_D	0.	0.
105	127	T-_D	0.	0.
105	128	T-_D	0.	0.
105	123	T-_D	0.	0.
105	122	W+_K	0.	0.
105	127	W+_K	0.	0.
105	128	W+_K	0.	0.
105	123	W+_K	0.	0.
105	122	W-_K	0.	0.
105	127	W-_K	0.	0.
105	128	W-_K	0.	0.
105	123	W-_K	0.	0.
105	122	W+_D	0.	0.
105	127	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
105	128	W+_D	0.	0.
105	123	W+_D	0.	0.
105	122	W-_D	0.	0.
105	127	W-_D	0.	0.
105	128	W-_D	0.	0.
105	123	W-_D	0.	0.
105	122	SISMA SLV X	0.24	0.28
105	127	SISMA SLV X	0.15	0.28
105	128	SISMA SLV X	0.15	0.36
105	123	SISMA SLV X	0.24	0.36
105	122	SISMA SLV Y	0.13	0.23
105	127	SISMA SLV Y	8.987E-02	0.23
105	128	SISMA SLV Y	8.987E-02	0.24
105	123	SISMA SLV Y	0.13	0.24
105	122	SISMA SLD X	0.12	0.14
105	127	SISMA SLD X	7.314E-02	0.14
105	128	SISMA SLD X	7.314E-02	0.18
105	123	SISMA SLD X	0.12	0.18
105	122	SISMA SLD Y	6.304E-02	0.11
105	127	SISMA SLD Y	4.387E-02	0.11
105	128	SISMA SLD Y	4.387E-02	0.12
105	123	SISMA SLD Y	6.304E-02	0.12
105	122	SISMA SLO X	9.594E-02	0.12
105	127	SISMA SLO X	6.053E-02	0.12
105	128	SISMA SLO X	6.053E-02	0.15
105	123	SISMA SLO X	9.594E-02	0.15
105	122	SISMA SLO Y	5.211E-02	9.127E-02
105	127	SISMA SLO Y	3.626E-02	9.127E-02
105	128	SISMA SLO Y	3.626E-02	9.569E-02
105	123	SISMA SLO Y	5.211E-02	9.569E-02
105	122	SLT	0.	0.
105	127	SLT	0.	0.
105	128	SLT	0.	0.
105	123	SLT	0.	0.
105	122	~TorsionSISMA SLV X	0.	0.
105	127	~TorsionSISMA SLV X	0.	0.
105	128	~TorsionSISMA SLV X	0.	0.
105	123	~TorsionSISMA SLV X	0.	0.
105	122	~TorsionSISMA SLV Y	0.	0.
105	127	~TorsionSISMA SLV Y	0.	0.
105	128	~TorsionSISMA SLV Y	0.	0.
105	123	~TorsionSISMA SLV Y	0.	0.
105	122	~TorsionSISMA SLD X	0.	0.
105	127	~TorsionSISMA SLD X	0.	0.
105	128	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
105	123	~TorsionSISMA SLD X	0.	0.
105	122	~TorsionSISMA SLD Y	0.	0.
105	127	~TorsionSISMA SLD Y	0.	0.
105	128	~TorsionSISMA SLD Y	0.	0.
105	123	~TorsionSISMA SLD Y	0.	0.
105	122	~TorsionSISMA SLO X	0.	0.
105	127	~TorsionSISMA SLO X	0.	0.
105	128	~TorsionSISMA SLO X	0.	0.
105	123	~TorsionSISMA SLO X	0.	0.
105	122	~TorsionSISMA SLO Y	0.	0.
105	127	~TorsionSISMA SLO Y	0.	0.
105	128	~TorsionSISMA SLO Y	0.	0.
105	123	~TorsionSISMA SLO Y	0.	0.
106	123	G1_K	0.97	-1.56
106	128	G1_K	0.46	-1.56
106	129	G1_K	0.46	-1.
106	124	G1_K	0.97	-1.
106	123	G2_K	0.7	0.26
106	128	G2_K	0.47	0.26
106	129	G2_K	0.47	0.3
106	124	G2_K	0.7	0.3
106	123	Q_K	0.62	-1.
106	128	Q_K	0.3	-1.
106	129	Q_K	0.3	-0.64
106	124	Q_K	0.62	-0.64
106	123	N_K	7.485E-02	-0.12
106	128	N_K	3.591E-02	-0.12
106	129	N_K	3.591E-02	-7.668E-02
106	124	N_K	7.485E-02	-7.668E-02
106	123	T+_K	0.	0.
106	128	T+_K	0.	0.
106	129	T+_K	0.	0.
106	124	T+_K	0.	0.
106	123	T-_K	0.	0.
106	128	T-_K	0.	0.
106	129	T-_K	0.	0.
106	124	T-_K	0.	0.
106	123	G1_D	1.27	-2.03
106	128	G1_D	0.6	-2.03
106	129	G1_D	0.6	-1.3
106	124	G1_D	1.27	-1.3
106	123	G2_D	0.91	0.34
106	128	G2_D	0.6	0.34
106	129	G2_D	0.6	0.39

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
106	124	G2_D	0.91	0.39
106	123	Q_D	0.94	-1.5
106	128	Q_D	0.45	-1.5
106	129	Q_D	0.45	-0.96
106	124	Q_D	0.94	-0.96
106	123	N_D	0.11	-0.18
106	128	N_D	5.387E-02	-0.18
106	129	N_D	5.387E-02	-0.12
106	124	N_D	0.11	-0.12
106	123	T+_D	0.	0.
106	128	T+_D	0.	0.
106	129	T+_D	0.	0.
106	124	T+_D	0.	0.
106	123	T-_D	0.	0.
106	128	T-_D	0.	0.
106	129	T-_D	0.	0.
106	124	T-_D	0.	0.
106	123	W+_K	0.	0.
106	128	W+_K	0.	0.
106	129	W+_K	0.	0.
106	124	W+_K	0.	0.
106	123	W-_K	0.	0.
106	128	W-_K	0.	0.
106	129	W-_K	0.	0.
106	124	W-_K	0.	0.
106	123	W+_D	0.	0.
106	128	W+_D	0.	0.
106	129	W+_D	0.	0.
106	124	W+_D	0.	0.
106	123	W-_D	0.	0.
106	128	W-_D	0.	0.
106	129	W-_D	0.	0.
106	124	W-_D	0.	0.
106	123	SISMA SLV X	0.33	0.35
106	128	SISMA SLV X	0.19	0.35
106	129	SISMA SLV X	0.19	0.24
106	124	SISMA SLV X	0.33	0.24
106	123	SISMA SLV Y	0.15	0.23
106	128	SISMA SLV Y	9.440E-02	0.23
106	129	SISMA SLV Y	9.440E-02	0.22
106	124	SISMA SLV Y	0.15	0.22
106	123	SISMA SLD X	0.16	0.17
106	128	SISMA SLD X	9.401E-02	0.17
106	129	SISMA SLD X	9.401E-02	0.12
106	124	SISMA SLD X	0.16	0.12
106	123	SISMA SLD Y	7.354E-02	0.11
106	128	SISMA SLD Y	4.610E-02	0.11
106	129	SISMA SLD Y	4.610E-02	0.11
106	124	SISMA SLD Y	7.354E-02	0.11
106	123	SISMA SLO X	0.13	0.14
106	128	SISMA SLO X	7.781E-02	0.14
106	129	SISMA SLO X	7.781E-02	9.614E-02
106	124	SISMA SLO X	0.13	9.614E-02
106	123	SISMA SLO Y	6.086E-02	9.365E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
106	128	SISMA SLO Y	3.814E-02	9.365E-02
106	129	SISMA SLO Y	3.814E-02	9.036E-02
106	124	SISMA SLO Y	6.086E-02	9.036E-02
106	123	SLT	0.	0.
106	128	SLT	0.	0.
106	129	SLT	0.	0.
106	124	SLT	0.	0.
106	123	~TorsionSISMA SLV X	0.	0.
106	128	~TorsionSISMA SLV X	0.	0.
106	129	~TorsionSISMA SLV X	0.	0.
106	124	~TorsionSISMA SLV X	0.	0.
106	123	~TorsionSISMA SLV Y	0.	0.
106	128	~TorsionSISMA SLV Y	0.	0.
106	129	~TorsionSISMA SLV Y	0.	0.
106	124	~TorsionSISMA SLV Y	0.	0.
106	123	~TorsionSISMA SLD X	0.	0.
106	128	~TorsionSISMA SLD X	0.	0.
106	129	~TorsionSISMA SLD X	0.	0.
106	124	~TorsionSISMA SLD X	0.	0.
106	123	~TorsionSISMA SLD Y	0.	0.
106	128	~TorsionSISMA SLD Y	0.	0.
106	129	~TorsionSISMA SLD Y	0.	0.
106	124	~TorsionSISMA SLD Y	0.	0.
106	123	~TorsionSISMA SLO X	0.	0.
106	128	~TorsionSISMA SLO X	0.	0.
106	129	~TorsionSISMA SLO X	0.	0.
106	124	~TorsionSISMA SLO X	0.	0.
106	123	~TorsionSISMA SLO Y	0.	0.
106	128	~TorsionSISMA SLO Y	0.	0.
106	129	~TorsionSISMA SLO Y	0.	0.
106	124	~TorsionSISMA SLO Y	0.	0.
107	124	G1_K	4.99	-0.65
107	129	G1_K	4.02	-0.65
107	130	G1_K	4.02	6.672E-02
107	125	G1_K	4.99	6.672E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
107	124	G2_K	2.37	0.43
107	129	G2_K	1.53	0.43
107	130	G2_K	1.53	0.28
107	125	G2_K	2.37	0.28
107	124	Q_K	3.19	-0.42
107	129	Q_K	2.56	-0.42
107	130	Q_K	2.56	4.262E-02
107	125	Q_K	3.19	4.262E-02
107	124	N_K	0.38	-5.013E-02
107	129	N_K	0.31	-5.013E-02
107	130	N_K	0.31	5.114E-03
107	125	N_K	0.38	5.114E-03
107	124	T+_K	0.	0.
107	129	T+_K	0.	0.
107	130	T+_K	0.	0.
107	125	T+_K	0.	0.
107	124	T-_K	0.	0.
107	129	T-_K	0.	0.
107	130	T-_K	0.	0.
107	125	T-_K	0.	0.
107	124	G1_D	6.49	-0.84
107	129	G1_D	5.23	-0.84
107	130	G1_D	5.23	8.673E-02
107	125	G1_D	6.49	8.673E-02
107	124	G2_D	3.08	0.57
107	129	G2_D	1.99	0.57
107	130	G2_D	1.99	0.36
107	125	G2_D	3.08	0.36
107	124	Q_D	4.78	-0.63
107	129	Q_D	3.83	-0.63
107	130	Q_D	3.83	6.392E-02
107	125	Q_D	4.78	6.392E-02
107	124	N_D	0.57	-7.520E-02
107	129	N_D	0.46	-7.520E-02
107	130	N_D	0.46	7.671E-03
107	125	N_D	0.57	7.671E-03
107	124	T+_D	0.	0.
107	129	T+_D	0.	0.
107	130	T+_D	0.	0.
107	125	T+_D	0.	0.
107	124	T-_D	0.	0.
107	129	T-_D	0.	0.
107	130	T-_D	0.	0.
107	125	T-_D	0.	0.
107	124	W+_K	0.	0.
107	129	W+_K	0.	0.
107	130	W+_K	0.	0.
107	125	W+_K	0.	0.
107	124	W-_K	0.	0.
107	129	W-_K	0.	0.
107	130	W-_K	0.	0.
107	125	W-_K	0.	0.
107	124	W+_D	0.	0.
107	129	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
107	130	W+_D	0.	0.
107	125	W+_D	0.	0.
107	124	W-_D	0.	0.
107	129	W-_D	0.	0.
107	130	W-_D	0.	0.
107	125	W-_D	0.	0.
107	124	SISMA SLV X	0.61	0.19
107	129	SISMA SLV X	0.45	0.19
107	130	SISMA SLV X	0.45	0.19
107	125	SISMA SLV X	0.61	0.19
107	124	SISMA SLV Y	0.25	0.19
107	129	SISMA SLV Y	0.27	0.19
107	130	SISMA SLV Y	0.27	0.35
107	125	SISMA SLV Y	0.25	0.35
107	124	SISMA SLD X	0.3	9.082E-02
107	129	SISMA SLD X	0.22	9.082E-02
107	130	SISMA SLD X	0.22	9.438E-02
107	125	SISMA SLD X	0.3	9.438E-02
107	124	SISMA SLD Y	0.12	9.094E-02
107	129	SISMA SLD Y	0.13	9.094E-02
107	130	SISMA SLD Y	0.13	0.17
107	125	SISMA SLD Y	0.12	0.17
107	124	SISMA SLO X	0.25	7.519E-02
107	129	SISMA SLO X	0.18	7.519E-02
107	130	SISMA SLO X	0.18	7.818E-02
107	125	SISMA SLO X	0.25	7.818E-02
107	124	SISMA SLO Y	0.1	7.521E-02
107	129	SISMA SLO Y	0.11	7.521E-02
107	130	SISMA SLO Y	0.11	0.14
107	125	SISMA SLO Y	0.1	0.14
107	124	SLT	0.	0.
107	129	SLT	0.	0.
107	130	SLT	0.	0.
107	125	SLT	0.	0.
107	124	~TorsionSISMA SLV X	0.	0.
107	129	~TorsionSISMA SLV X	0.	0.
107	130	~TorsionSISMA SLV X	0.	0.
107	125	~TorsionSISMA SLV X	0.	0.
107	124	~TorsionSISMA SLV Y	0.	0.
107	129	~TorsionSISMA SLV Y	0.	0.
107	130	~TorsionSISMA SLV Y	0.	0.
107	125	~TorsionSISMA SLV Y	0.	0.
107	124	~TorsionSISMA SLD X	0.	0.
107	129	~TorsionSISMA SLD X	0.	0.
107	130	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
107	125	~TorsionSISMA SLD X	0.	0.
107	124	~TorsionSISMA SLD Y	0.	0.
107	129	~TorsionSISMA SLD Y	0.	0.
107	130	~TorsionSISMA SLD Y	0.	0.
107	125	~TorsionSISMA SLD Y	0.	0.
107	124	~TorsionSISMA SLO X	0.	0.
107	129	~TorsionSISMA SLO X	0.	0.
107	130	~TorsionSISMA SLO X	0.	0.
107	125	~TorsionSISMA SLO X	0.	0.
107	124	~TorsionSISMA SLO Y	0.	0.
107	129	~TorsionSISMA SLO Y	0.	0.
107	130	~TorsionSISMA SLO Y	0.	0.
107	125	~TorsionSISMA SLO Y	0.	0.
108	126	G1_K	-3.22	1.68
108	106	G1_K	1.2	1.68
108	131	G1_K	1.2	-3.59
108	127	G1_K	-3.22	-3.59
108	126	G2_K	-7.741E-02	0.17
108	106	G2_K	-8.124E-02	0.17
108	131	G2_K	-8.124E-02	0.13
108	127	G2_K	-7.741E-02	0.13
108	126	Q_K	-2.06	1.08
108	106	Q_K	0.77	1.08
108	131	Q_K	0.77	-2.3
108	127	Q_K	-2.06	-2.3
108	126	N_K	-0.25	0.13
108	106	N_K	9.185E-02	0.13
108	131	N_K	9.185E-02	-0.28
108	127	N_K	-0.25	-0.28
108	126	T+_K	0.	0.
108	106	T+_K	0.	0.
108	131	T+_K	0.	0.
108	127	T+_K	0.	0.
108	126	T-_K	0.	0.
108	106	T-_K	0.	0.
108	131	T-_K	0.	0.
108	127	T-_K	0.	0.
108	126	G1_D	-4.18	2.19
108	106	G1_D	1.57	2.19
108	131	G1_D	1.57	-4.67
108	127	G1_D	-4.18	-4.67
108	126	G2_D	-0.1	0.22
108	106	G2_D	-0.11	0.22
108	131	G2_D	-0.11	0.17

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
108	127	G2_D	-0.1	0.17
108	126	Q_D	-3.09	1.62
108	106	Q_D	1.15	1.62
108	131	Q_D	1.15	-3.45
108	127	Q_D	-3.09	-3.45
108	126	N_D	-0.37	0.19
108	106	N_D	0.14	0.19
108	131	N_D	0.14	-0.41
108	127	N_D	-0.37	-0.41
108	126	T+_D	0.	0.
108	106	T+_D	0.	0.
108	131	T+_D	0.	0.
108	127	T+_D	0.	0.
108	126	T-_D	0.	0.
108	106	T-_D	0.	0.
108	131	T-_D	0.	0.
108	127	T-_D	0.	0.
108	126	W+_K	0.	0.
108	106	W+_K	0.	0.
108	131	W+_K	0.	0.
108	127	W+_K	0.	0.
108	126	W-_K	0.	0.
108	106	W-_K	0.	0.
108	131	W-_K	0.	0.
108	127	W-_K	0.	0.
108	126	W+_D	0.	0.
108	106	W+_D	0.	0.
108	131	W+_D	0.	0.
108	127	W+_D	0.	0.
108	126	W-_D	0.	0.
108	106	W-_D	0.	0.
108	131	W-_D	0.	0.
108	127	W-_D	0.	0.
108	126	SISMA SLV X	0.36	0.31
108	106	SISMA SLV X	0.15	0.31
108	131	SISMA SLV X	0.15	0.47
108	127	SISMA SLV X	0.36	0.47
108	126	SISMA SLV Y	0.24	0.18
108	106	SISMA SLV Y	0.14	0.18
108	131	SISMA SLV Y	0.14	0.28
108	127	SISMA SLV Y	0.24	0.28
108	126	SISMA SLD X	0.18	0.15
108	106	SISMA SLD X	7.341E-02	0.15
108	131	SISMA SLD X	7.341E-02	0.23
108	127	SISMA SLD X	0.18	0.23
108	126	SISMA SLD Y	0.12	8.692E-02
108	106	SISMA SLD Y	6.820E-02	8.692E-02
108	131	SISMA SLD Y	6.820E-02	0.13
108	127	SISMA SLD Y	0.12	0.13
108	126	SISMA SLO X	0.15	0.13
108	106	SISMA SLO X	6.082E-02	0.13
108	131	SISMA SLO X	6.082E-02	0.19
108	127	SISMA SLO X	0.15	0.19
108	126	SISMA SLO Y	9.825E-02	7.199E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
108	106	SISMA SLO Y	5.648E-02	7.199E-02
108	131	SISMA SLO Y	5.648E-02	0.11
108	127	SISMA SLO Y	9.825E-02	0.11
108	126	SLT	0.	0.
108	106	SLT	0.	0.
108	131	SLT	0.	0.
108	127	SLT	0.	0.
108	126	~TorsionSISMA SLV X	0.	0.
108	106	~TorsionSISMA SLV X	0.	0.
108	131	~TorsionSISMA SLV X	0.	0.
108	127	~TorsionSISMA SLV X	0.	0.
108	126	~TorsionSISMA SLV Y	0.	0.
108	106	~TorsionSISMA SLV Y	0.	0.
108	131	~TorsionSISMA SLV Y	0.	0.
108	127	~TorsionSISMA SLV Y	0.	0.
108	126	~TorsionSISMA SLD X	0.	0.
108	106	~TorsionSISMA SLD X	0.	0.
108	131	~TorsionSISMA SLD X	0.	0.
108	127	~TorsionSISMA SLD X	0.	0.
108	126	~TorsionSISMA SLD Y	0.	0.
108	106	~TorsionSISMA SLD Y	0.	0.
108	131	~TorsionSISMA SLD Y	0.	0.
108	127	~TorsionSISMA SLD Y	0.	0.
108	126	~TorsionSISMA SLO X	0.	0.
108	106	~TorsionSISMA SLO X	0.	0.
108	131	~TorsionSISMA SLO X	0.	0.
108	127	~TorsionSISMA SLO X	0.	0.
108	126	~TorsionSISMA SLO Y	0.	0.
108	106	~TorsionSISMA SLO Y	0.	0.
108	131	~TorsionSISMA SLO Y	0.	0.
108	127	~TorsionSISMA SLO Y	0.	0.
109	127	G1_K	-2.227E-02	-4.37
109	131	G1_K	0.39	-4.37
109	132	G1_K	0.39	-6.68
109	128	G1_K	-2.227E-02	-6.68

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
109	127	G2_K	-1.426E-02	9.354E-02
109	131	G2_K	-8.820E-04	9.354E-02
109	132	G2_K	-8.820E-04	0.38
109	128	G2_K	-1.426E-02	0.38
109	127	Q_K	-1.173E-02	-2.79
109	131	Q_K	0.25	-2.79
109	132	Q_K	0.25	-4.28
109	128	Q_K	-1.173E-02	-4.28
109	127	N_K	-1.408E-03	-0.33
109	131	N_K	3.023E-02	-0.33
109	132	N_K	3.023E-02	-0.51
109	128	N_K	-1.408E-03	-0.51
109	127	T+_K	0.	0.
109	131	T+_K	0.	0.
109	132	T+_K	0.	0.
109	128	T+_K	0.	0.
109	127	T-_K	0.	0.
109	131	T-_K	0.	0.
109	132	T-_K	0.	0.
109	128	T-_K	0.	0.
109	127	G1_D	-2.895E-02	-5.68
109	131	G1_D	0.51	-5.68
109	132	G1_D	0.51	-8.69
109	128	G1_D	-2.895E-02	-8.69
109	127	G2_D	-1.854E-02	0.12
109	131	G2_D	-1.147E-03	0.12
109	132	G2_D	-1.147E-03	0.5
109	128	G2_D	-1.854E-02	0.5
109	127	Q_D	-1.759E-02	-4.19
109	131	Q_D	0.38	-4.19
109	132	Q_D	0.38	-6.41
109	128	Q_D	-1.759E-02	-6.41
109	127	N_D	-2.111E-03	-0.5
109	131	N_D	4.534E-02	-0.5
109	132	N_D	4.534E-02	-0.77
109	128	N_D	-2.111E-03	-0.77
109	127	T+_D	0.	0.
109	131	T+_D	0.	0.
109	132	T+_D	0.	0.
109	128	T+_D	0.	0.
109	127	T-_D	0.	0.
109	131	T-_D	0.	0.
109	132	T-_D	0.	0.
109	128	T-_D	0.	0.
109	127	W+_K	0.	0.
109	131	W+_K	0.	0.
109	132	W+_K	0.	0.
109	128	W+_K	0.	0.
109	127	W-_K	0.	0.
109	131	W-_K	0.	0.
109	132	W-_K	0.	0.
109	128	W-_K	0.	0.
109	127	W+_D	0.	0.
109	131	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
109	132	W+_D	0.	0.
109	128	W+_D	0.	0.
109	127	W-_D	0.	0.
109	131	W-_D	0.	0.
109	132	W-_D	0.	0.
109	128	W-_D	0.	0.
109	127	SISMA SLV X	0.11	0.55
109	131	SISMA SLV X	0.12	0.55
109	132	SISMA SLV X	0.12	0.84
109	128	SISMA SLV X	0.11	0.84
109	127	SISMA SLV Y	8.911E-02	0.3
109	131	SISMA SLV Y	6.631E-02	0.3
109	132	SISMA SLV Y	6.631E-02	0.39
109	128	SISMA SLV Y	8.911E-02	0.39
109	127	SISMA SLD X	5.356E-02	0.27
109	131	SISMA SLD X	5.860E-02	0.27
109	132	SISMA SLD X	5.860E-02	0.41
109	128	SISMA SLD X	5.356E-02	0.41
109	127	SISMA SLD Y	4.351E-02	0.15
109	131	SISMA SLD Y	3.239E-02	0.15
109	132	SISMA SLD Y	3.239E-02	0.19
109	128	SISMA SLD Y	4.351E-02	0.19
109	127	SISMA SLO X	4.430E-02	0.22
109	131	SISMA SLO X	4.854E-02	0.22
109	132	SISMA SLO X	4.854E-02	0.34
109	128	SISMA SLO X	4.430E-02	0.34
109	127	SISMA SLO Y	3.597E-02	0.12
109	131	SISMA SLO Y	2.683E-02	0.12
109	132	SISMA SLO Y	2.683E-02	0.16
109	128	SISMA SLO Y	3.597E-02	0.16
109	127	SLT	0.	0.
109	131	SLT	0.	0.
109	132	SLT	0.	0.
109	128	SLT	0.	0.
109	127	~TorsionSISMA SLV X	0.	0.
109	131	~TorsionSISMA SLV X	0.	0.
109	132	~TorsionSISMA SLV X	0.	0.
109	128	~TorsionSISMA SLV X	0.	0.
109	127	~TorsionSISMA SLV Y	0.	0.
109	131	~TorsionSISMA SLV Y	0.	0.
109	132	~TorsionSISMA SLV Y	0.	0.
109	128	~TorsionSISMA SLV Y	0.	0.
109	127	~TorsionSISMA SLD X	0.	0.
109	131	~TorsionSISMA SLD X	0.	0.
109	132	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
109	128	~TorsionSISMA SLD X	0.	0.
109	127	~TorsionSISMA SLD Y	0.	0.
109	131	~TorsionSISMA SLD Y	0.	0.
109	132	~TorsionSISMA SLD Y	0.	0.
109	128	~TorsionSISMA SLD Y	0.	0.
109	127	~TorsionSISMA SLO X	0.	0.
109	131	~TorsionSISMA SLO X	0.	0.
109	132	~TorsionSISMA SLO X	0.	0.
109	128	~TorsionSISMA SLO X	0.	0.
109	127	~TorsionSISMA SLO Y	0.	0.
109	131	~TorsionSISMA SLO Y	0.	0.
109	132	~TorsionSISMA SLO Y	0.	0.
109	128	~TorsionSISMA SLO Y	0.	0.
110	128	G1_K	2.489E-03	-6.67
110	132	G1_K	-0.44	-6.67
110	133	G1_K	-0.44	-4.44
110	129	G1_K	2.489E-03	-4.44
110	128	G2_K	0.32	0.4
110	132	G2_K	-0.24	0.4
110	133	G2_K	-0.24	1.68
110	129	G2_K	0.32	1.68
110	128	Q_K	8.161E-03	-4.27
110	132	Q_K	-0.28	-4.27
110	133	Q_K	-0.28	-2.85
110	129	Q_K	8.161E-03	-2.85
110	128	N_K	9.793E-04	-0.51
110	132	N_K	-3.351E-02	-0.51
110	133	N_K	-3.351E-02	-0.34
110	129	N_K	9.793E-04	-0.34
110	128	T+_K	0.	0.
110	132	T+_K	0.	0.
110	133	T+_K	0.	0.
110	129	T+_K	0.	0.
110	128	T-_K	0.	0.
110	132	T-_K	0.	0.
110	133	T-_K	0.	0.
110	129	T-_K	0.	0.
110	128	G1_D	3.236E-03	-8.67
110	132	G1_D	-0.57	-8.67
110	133	G1_D	-0.57	-5.77
110	129	G1_D	3.236E-03	-5.77
110	128	G2_D	0.41	0.52
110	132	G2_D	-0.31	0.52
110	133	G2_D	-0.31	2.19

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
110	129	G2_D	0.41	2.19
110	128	Q_D	1.224E-02	-6.4
110	132	Q_D	-0.42	-6.4
110	133	Q_D	-0.42	-4.27
110	129	Q_D	1.224E-02	-4.27
110	128	N_D	1.469E-03	-0.77
110	132	N_D	-5.026E-02	-0.77
110	133	N_D	-5.026E-02	-0.51
110	129	N_D	1.469E-03	-0.51
110	128	T+_D	0.	0.
110	132	T+_D	0.	0.
110	133	T+_D	0.	0.
110	129	T+_D	0.	0.
110	128	T-_D	0.	0.
110	132	T-_D	0.	0.
110	133	T-_D	0.	0.
110	129	T-_D	0.	0.
110	128	W+_K	0.	0.
110	132	W+_K	0.	0.
110	133	W+_K	0.	0.
110	129	W+_K	0.	0.
110	128	W-_K	0.	0.
110	132	W-_K	0.	0.
110	133	W-_K	0.	0.
110	129	W-_K	0.	0.
110	128	W+_D	0.	0.
110	132	W+_D	0.	0.
110	133	W+_D	0.	0.
110	129	W+_D	0.	0.
110	128	W-_D	0.	0.
110	132	W-_D	0.	0.
110	133	W-_D	0.	0.
110	129	W-_D	0.	0.
110	128	SISMA SLV X	0.12	0.83
110	132	SISMA SLV X	9.058E-02	0.83
110	133	SISMA SLV X	9.058E-02	0.47
110	129	SISMA SLV X	0.12	0.47
110	128	SISMA SLV Y	5.935E-02	0.38
110	132	SISMA SLV Y	5.858E-02	0.38
110	133	SISMA SLV Y	5.858E-02	0.22
110	129	SISMA SLV Y	5.935E-02	0.22
110	128	SISMA SLD X	5.900E-02	0.4
110	132	SISMA SLD X	4.424E-02	0.4
110	133	SISMA SLD X	4.424E-02	0.23
110	129	SISMA SLD X	5.900E-02	0.23
110	128	SISMA SLD Y	2.898E-02	0.19
110	132	SISMA SLD Y	2.861E-02	0.19
110	133	SISMA SLD Y	2.861E-02	0.11
110	129	SISMA SLD Y	2.898E-02	0.11
110	128	SISMA SLO X	4.880E-02	0.33
110	132	SISMA SLO X	3.665E-02	0.33
110	133	SISMA SLO X	3.665E-02	0.19
110	129	SISMA SLO X	4.880E-02	0.19
110	128	SISMA SLO Y	2.395E-02	0.16

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
110	132	SISMA SLO Y	2.369E-02	0.16
110	133	SISMA SLO Y	2.369E-02	8.898E-02
110	129	SISMA SLO Y	2.395E-02	8.898E-02
110	128	SLT	0.	0.
110	132	SLT	0.	0.
110	133	SLT	0.	0.
110	129	SLT	0.	0.
110	128	~TorsionSISMA SLV X	0.	0.
110	132	~TorsionSISMA SLV X	0.	0.
110	133	~TorsionSISMA SLV X	0.	0.
110	129	~TorsionSISMA SLV X	0.	0.
110	128	~TorsionSISMA SLV Y	0.	0.
110	132	~TorsionSISMA SLV Y	0.	0.
110	133	~TorsionSISMA SLV Y	0.	0.
110	129	~TorsionSISMA SLV Y	0.	0.
110	128	~TorsionSISMA SLD X	0.	0.
110	132	~TorsionSISMA SLD X	0.	0.
110	133	~TorsionSISMA SLD X	0.	0.
110	129	~TorsionSISMA SLD X	0.	0.
110	128	~TorsionSISMA SLD Y	0.	0.
110	132	~TorsionSISMA SLD Y	0.	0.
110	133	~TorsionSISMA SLD Y	0.	0.
110	129	~TorsionSISMA SLD Y	0.	0.
110	128	~TorsionSISMA SLO X	0.	0.
110	132	~TorsionSISMA SLO X	0.	0.
110	133	~TorsionSISMA SLO X	0.	0.
110	129	~TorsionSISMA SLO X	0.	0.
110	128	~TorsionSISMA SLO Y	0.	0.
110	132	~TorsionSISMA SLO Y	0.	0.
110	133	~TorsionSISMA SLO Y	0.	0.
110	129	~TorsionSISMA SLO Y	0.	0.
111	129	G1_K	3.14	-3.71
111	133	G1_K	-1.84	-3.71
111	105	G1_K	-1.84	2.24
111	130	G1_K	3.14	2.24

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
111	129	G2_K	1.78	2.1
111	133	G2_K	2.12	2.1
111	105	G2_K	2.12	0.36
111	130	G2_K	1.78	0.36
111	129	Q_K	1.99	-2.39
111	133	Q_K	-1.11	-2.39
111	105	Q_K	-1.11	1.39
111	130	Q_K	1.99	1.39
111	129	N_K	0.24	-0.29
111	133	N_K	-0.13	-0.29
111	105	N_K	-0.13	0.17
111	130	N_K	0.24	0.17
111	129	T+_K	0.	0.
111	133	T+_K	0.	0.
111	105	T+_K	0.	0.
111	130	T+_K	0.	0.
111	129	T-_K	0.	0.
111	133	T-_K	0.	0.
111	105	T-_K	0.	0.
111	130	T-_K	0.	0.
111	129	G1_D	4.08	-4.82
111	133	G1_D	-2.4	-4.82
111	105	G1_D	-2.4	2.91
111	130	G1_D	4.08	2.91
111	129	G2_D	2.31	2.73
111	133	G2_D	2.76	2.73
111	105	G2_D	2.76	0.46
111	130	G2_D	2.31	0.46
111	129	Q_D	2.98	-3.58
111	133	Q_D	-1.67	-3.58
111	105	Q_D	-1.67	2.08
111	130	Q_D	2.98	2.08
111	129	N_D	0.36	-0.43
111	133	N_D	-0.2	-0.43
111	105	N_D	-0.2	0.25
111	130	N_D	0.36	0.25
111	129	T+_D	0.	0.
111	133	T+_D	0.	0.
111	105	T+_D	0.	0.
111	130	T+_D	0.	0.
111	129	T-_D	0.	0.
111	133	T-_D	0.	0.
111	105	T-_D	0.	0.
111	130	T-_D	0.	0.
111	129	W+_K	0.	0.
111	133	W+_K	0.	0.
111	105	W+_K	0.	0.
111	130	W+_K	0.	0.
111	129	W-_K	0.	0.
111	133	W-_K	0.	0.
111	105	W-_K	0.	0.
111	130	W-_K	0.	0.
111	129	W+_D	0.	0.
111	133	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
111	105	W+_D	0.	0.
111	130	W+_D	0.	0.
111	129	W-_D	0.	0.
111	133	W-_D	0.	0.
111	105	W-_D	0.	0.
111	130	W-_D	0.	0.
111	129	SISMA SLV X	0.34	0.39
111	133	SISMA SLV X	0.32	0.39
111	105	SISMA SLV X	0.32	0.26
111	130	SISMA SLV X	0.34	0.26
111	129	SISMA SLV Y	0.2	0.19
111	133	SISMA SLV Y	0.18	0.19
111	105	SISMA SLV Y	0.18	0.12
111	130	SISMA SLV Y	0.2	0.12
111	129	SISMA SLD X	0.17	0.19
111	133	SISMA SLD X	0.16	0.19
111	105	SISMA SLD X	0.16	0.13
111	130	SISMA SLD X	0.17	0.13
111	129	SISMA SLD Y	9.643E-02	9.069E-02
111	133	SISMA SLD Y	8.944E-02	9.069E-02
111	105	SISMA SLD Y	8.944E-02	5.734E-02
111	130	SISMA SLD Y	9.643E-02	5.734E-02
111	129	SISMA SLO X	0.14	0.16
111	133	SISMA SLO X	0.13	0.16
111	105	SISMA SLO X	0.13	0.11
111	130	SISMA SLO X	0.14	0.11
111	129	SISMA SLO Y	7.981E-02	7.495E-02
111	133	SISMA SLO Y	7.409E-02	7.495E-02
111	105	SISMA SLO Y	7.409E-02	4.748E-02
111	130	SISMA SLO Y	7.981E-02	4.748E-02
111	129	SLT	0.	0.
111	133	SLT	0.	0.
111	105	SLT	0.	0.
111	130	SLT	0.	0.
111	129	~TorsionSISMA SLV X	0.	0.
111	133	~TorsionSISMA SLV X	0.	0.
111	105	~TorsionSISMA SLV X	0.	0.
111	130	~TorsionSISMA SLV X	0.	0.
111	129	~TorsionSISMA SLV Y	0.	0.
111	133	~TorsionSISMA SLV Y	0.	0.
111	105	~TorsionSISMA SLV Y	0.	0.
111	130	~TorsionSISMA SLV Y	0.	0.
111	129	~TorsionSISMA SLD X	0.	0.
111	133	~TorsionSISMA SLD X	0.	0.
111	105	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
111	130	~TorsionSISMA SLD X	0.	0.
111	129	~TorsionSISMA SLD Y	0.	0.
111	133	~TorsionSISMA SLD Y	0.	0.
111	105	~TorsionSISMA SLD Y	0.	0.
111	130	~TorsionSISMA SLD Y	0.	0.
111	129	~TorsionSISMA SLO X	0.	0.
111	133	~TorsionSISMA SLO X	0.	0.
111	105	~TorsionSISMA SLO X	0.	0.
111	130	~TorsionSISMA SLO X	0.	0.
111	129	~TorsionSISMA SLO Y	0.	0.
111	133	~TorsionSISMA SLO Y	0.	0.
111	105	~TorsionSISMA SLO Y	0.	0.
111	130	~TorsionSISMA SLO Y	0.	0.
112	172	G1_K	1.598E-02	0.48
112	175	G1_K	1.598E-02	0.48
112	56	G1_K	1.598E-02	0.48
112	53	G1_K	1.598E-02	0.48
112	172	G2_K	-1.407E-02	-16.49
112	175	G2_K	-1.407E-02	-16.49
112	56	G2_K	-1.407E-02	-16.49
112	53	G2_K	-1.407E-02	-16.49
112	172	Q_K	9.226E-03	0.28
112	175	Q_K	9.226E-03	0.28
112	56	Q_K	9.226E-03	0.28
112	53	Q_K	9.226E-03	0.28
112	172	N_K	1.107E-03	3.310E-02
112	175	N_K	1.107E-03	3.310E-02
112	56	N_K	1.107E-03	3.310E-02
112	53	N_K	1.107E-03	3.310E-02
112	172	T+_K	0.	0.
112	175	T+_K	0.	0.
112	56	T+_K	0.	0.
112	53	T+_K	0.	0.
112	172	T-_K	0.	0.
112	175	T-_K	0.	0.
112	56	T-_K	0.	0.
112	53	T-_K	0.	0.
112	172	G1_D	2.078E-02	0.62
112	175	G1_D	2.078E-02	0.62
112	56	G1_D	2.078E-02	0.62
112	53	G1_D	2.078E-02	0.62
112	172	G2_D	-1.829E-02	-21.44
112	175	G2_D	-1.829E-02	-21.44
112	56	G2_D	-1.829E-02	-21.44

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
112	53	G2_D	-1.829E-02	-21.44
112	172	Q_D	1.384E-02	0.41
112	175	Q_D	1.384E-02	0.41
112	56	Q_D	1.384E-02	0.41
112	53	Q_D	1.384E-02	0.41
112	172	N_D	1.661E-03	4.965E-02
112	175	N_D	1.661E-03	4.965E-02
112	56	N_D	1.661E-03	4.965E-02
112	53	N_D	1.661E-03	4.965E-02
112	172	T+_D	0.	0.
112	175	T+_D	0.	0.
112	56	T+_D	0.	0.
112	53	T+_D	0.	0.
112	172	T-_D	0.	0.
112	175	T-_D	0.	0.
112	56	T-_D	0.	0.
112	53	T-_D	0.	0.
112	172	W+_K	0.	0.
112	175	W+_K	0.	0.
112	56	W+_K	0.	0.
112	53	W+_K	0.	0.
112	172	W-_K	0.	0.
112	175	W-_K	0.	0.
112	56	W-_K	0.	0.
112	53	W-_K	0.	0.
112	172	W+_D	0.	0.
112	175	W+_D	0.	0.
112	56	W+_D	0.	0.
112	53	W+_D	0.	0.
112	172	W-_D	0.	0.
112	175	W-_D	0.	0.
112	56	W-_D	0.	0.
112	53	W-_D	0.	0.
112	172	SISMA SLV X	1.035E-02	1.06
112	175	SISMA SLV X	1.035E-02	1.06
112	56	SISMA SLV X	1.035E-02	1.06
112	53	SISMA SLV X	1.035E-02	1.06
112	172	SISMA SLV Y	1.129E-02	0.48
112	175	SISMA SLV Y	1.129E-02	0.48
112	56	SISMA SLV Y	1.129E-02	0.48
112	53	SISMA SLV Y	1.129E-02	0.48
112	172	SISMA SLD X	5.054E-03	0.52
112	175	SISMA SLD X	5.054E-03	0.52
112	56	SISMA SLD X	5.054E-03	0.52
112	53	SISMA SLD X	5.054E-03	0.52
112	172	SISMA SLD Y	5.514E-03	0.24
112	175	SISMA SLD Y	5.514E-03	0.24
112	56	SISMA SLD Y	5.514E-03	0.24
112	53	SISMA SLD Y	5.514E-03	0.24
112	172	SISMA SLO X	4.179E-03	0.43
112	175	SISMA SLO X	4.179E-03	0.43
112	56	SISMA SLO X	4.179E-03	0.43
112	53	SISMA SLO X	4.179E-03	0.43
112	172	SISMA SLO Y	4.565E-03	0.2

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
112	175	SISMA SLO Y	4.565E-03	0.2
112	56	SISMA SLO Y	4.565E-03	0.2
112	53	SISMA SLO Y	4.565E-03	0.2
112	172	SLT	0.	0.
112	175	SLT	0.	0.
112	56	SLT	0.	0.
112	53	SLT	0.	0.
112	172	~TorsionSISMA SLV X	0.	0.
112	175	~TorsionSISMA SLV X	0.	0.
112	56	~TorsionSISMA SLV X	0.	0.
112	53	~TorsionSISMA SLV X	0.	0.
112	172	~TorsionSISMA SLV Y	0.	0.
112	175	~TorsionSISMA SLV Y	0.	0.
112	56	~TorsionSISMA SLV Y	0.	0.
112	53	~TorsionSISMA SLV Y	0.	0.
112	172	~TorsionSISMA SLD X	0.	0.
112	175	~TorsionSISMA SLD X	0.	0.
112	56	~TorsionSISMA SLD X	0.	0.
112	53	~TorsionSISMA SLD X	0.	0.
112	172	~TorsionSISMA SLD Y	0.	0.
112	175	~TorsionSISMA SLD Y	0.	0.
112	56	~TorsionSISMA SLD Y	0.	0.
112	53	~TorsionSISMA SLD Y	0.	0.
112	172	~TorsionSISMA SLO X	0.	0.
112	175	~TorsionSISMA SLO X	0.	0.
112	56	~TorsionSISMA SLO X	0.	0.
112	53	~TorsionSISMA SLO X	0.	0.
112	172	~TorsionSISMA SLO Y	0.	0.
112	175	~TorsionSISMA SLO Y	0.	0.
112	56	~TorsionSISMA SLO Y	0.	0.
112	53	~TorsionSISMA SLO Y	0.	0.
113	53	G1_K	3.257E-02	0.5
113	56	G1_K	3.257E-02	0.5
113	176	G1_K	3.257E-02	0.5
113	173	G1_K	3.257E-02	0.5

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
113	53	G2_K	-0.65	-8.06
113	56	G2_K	-0.65	-8.06
113	176	G2_K	-0.65	-8.06
113	173	G2_K	-0.65	-8.06
113	53	Q_K	2.392E-02	0.3
113	56	Q_K	2.392E-02	0.3
113	176	Q_K	2.392E-02	0.3
113	173	Q_K	2.392E-02	0.3
113	53	N_K	2.870E-03	3.551E-02
113	56	N_K	2.870E-03	3.551E-02
113	176	N_K	2.870E-03	3.551E-02
113	173	N_K	2.870E-03	3.551E-02
113	53	T+_K	0.	0.
113	56	T+_K	0.	0.
113	176	T+_K	0.	0.
113	173	T+_K	0.	0.
113	53	T-_K	0.	0.
113	56	T-_K	0.	0.
113	176	T-_K	0.	0.
113	173	T-_K	0.	0.
113	53	G1_D	4.235E-02	0.65
113	56	G1_D	4.235E-02	0.65
113	176	G1_D	4.235E-02	0.65
113	173	G1_D	4.235E-02	0.65
113	53	G2_D	-0.84	-10.47
113	56	G2_D	-0.84	-10.47
113	176	G2_D	-0.84	-10.47
113	173	G2_D	-0.84	-10.47
113	53	Q_D	3.587E-02	0.44
113	56	Q_D	3.587E-02	0.44
113	176	Q_D	3.587E-02	0.44
113	173	Q_D	3.587E-02	0.44
113	53	N_D	4.305E-03	5.327E-02
113	56	N_D	4.305E-03	5.327E-02
113	176	N_D	4.305E-03	5.327E-02
113	173	N_D	4.305E-03	5.327E-02
113	53	T+_D	0.	0.
113	56	T+_D	0.	0.
113	176	T+_D	0.	0.
113	173	T+_D	0.	0.
113	53	T-_D	0.	0.
113	56	T-_D	0.	0.
113	176	T-_D	0.	0.
113	173	T-_D	0.	0.
113	53	W+_K	0.	0.
113	56	W+_K	0.	0.
113	176	W+_K	0.	0.
113	173	W+_K	0.	0.
113	53	W-_K	0.	0.
113	56	W-_K	0.	0.
113	176	W-_K	0.	0.
113	173	W-_K	0.	0.
113	53	W+_D	0.	0.
113	56	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
113	176	W+_D	0.	0.
113	173	W+_D	0.	0.
113	53	W-_D	0.	0.
113	56	W-_D	0.	0.
113	176	W-_D	0.	0.
113	173	W-_D	0.	0.
113	53	SISMA SLV X	4.441E-02	0.93
113	56	SISMA SLV X	4.441E-02	0.93
113	176	SISMA SLV X	4.441E-02	0.93
113	173	SISMA SLV X	4.441E-02	0.93
113	53	SISMA SLV Y	6.473E-02	0.42
113	56	SISMA SLV Y	6.473E-02	0.42
113	176	SISMA SLV Y	6.473E-02	0.42
113	173	SISMA SLV Y	6.473E-02	0.42
113	53	SISMA SLD X	2.168E-02	0.45
113	56	SISMA SLD X	2.168E-02	0.45
113	176	SISMA SLD X	2.168E-02	0.45
113	173	SISMA SLD X	2.168E-02	0.45
113	53	SISMA SLD Y	3.162E-02	0.21
113	56	SISMA SLD Y	3.162E-02	0.21
113	176	SISMA SLD Y	3.162E-02	0.21
113	173	SISMA SLD Y	3.162E-02	0.21
113	53	SISMA SLO X	1.792E-02	0.37
113	56	SISMA SLO X	1.792E-02	0.37
113	176	SISMA SLO X	1.792E-02	0.37
113	173	SISMA SLO X	1.792E-02	0.37
113	53	SISMA SLO Y	2.618E-02	0.17
113	56	SISMA SLO Y	2.618E-02	0.17
113	176	SISMA SLO Y	2.618E-02	0.17
113	173	SISMA SLO Y	2.618E-02	0.17
113	53	SLT	0.	0.
113	56	SLT	0.	0.
113	176	SLT	0.	0.
113	173	SLT	0.	0.
113	53	~TorsionSISMA SLV X	0.	0.
113	56	~TorsionSISMA SLV X	0.	0.
113	176	~TorsionSISMA SLV X	0.	0.
113	173	~TorsionSISMA SLV X	0.	0.
113	53	~TorsionSISMA SLV Y	0.	0.
113	56	~TorsionSISMA SLV Y	0.	0.
113	176	~TorsionSISMA SLV Y	0.	0.
113	173	~TorsionSISMA SLV Y	0.	0.
113	53	~TorsionSISMA SLD X	0.	0.
113	56	~TorsionSISMA SLD X	0.	0.
113	176	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
113	173	~TorsionSISMA SLD X	0.	0.
113	53	~TorsionSISMA SLD Y	0.	0.
113	56	~TorsionSISMA SLD Y	0.	0.
113	176	~TorsionSISMA SLD Y	0.	0.
113	173	~TorsionSISMA SLD Y	0.	0.
113	53	~TorsionSISMA SLO X	0.	0.
113	56	~TorsionSISMA SLO X	0.	0.
113	176	~TorsionSISMA SLO X	0.	0.
113	173	~TorsionSISMA SLO X	0.	0.
113	53	~TorsionSISMA SLO Y	0.	0.
113	56	~TorsionSISMA SLO Y	0.	0.
113	176	~TorsionSISMA SLO Y	0.	0.
113	173	~TorsionSISMA SLO Y	0.	0.
114	173	G1_K	6.502E-02	0.56
114	176	G1_K	6.502E-02	0.56
114	57	G1_K	6.502E-02	0.56
114	54	G1_K	6.502E-02	0.56
114	173	G2_K	-0.91	-1.88
114	176	G2_K	-0.91	-1.88
114	57	G2_K	-0.91	-1.88
114	54	G2_K	-0.91	-1.88
114	173	Q_K	4.347E-02	0.34
114	176	Q_K	4.347E-02	0.34
114	57	Q_K	4.347E-02	0.34
114	54	Q_K	4.347E-02	0.34
114	173	N_K	5.217E-03	4.075E-02
114	176	N_K	5.217E-03	4.075E-02
114	57	N_K	5.217E-03	4.075E-02
114	54	N_K	5.217E-03	4.075E-02
114	173	T+_K	0.	0.
114	176	T+_K	0.	0.
114	57	T+_K	0.	0.
114	54	T+_K	0.	0.
114	173	T-_K	0.	0.
114	176	T-_K	0.	0.
114	57	T-_K	0.	0.
114	54	T-_K	0.	0.
114	173	G1_D	8.453E-02	0.73
114	176	G1_D	8.453E-02	0.73
114	57	G1_D	8.453E-02	0.73
114	54	G1_D	8.453E-02	0.73
114	173	G2_D	-1.18	-2.45
114	176	G2_D	-1.18	-2.45
114	57	G2_D	-1.18	-2.45

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
114	54	G2_D	-1.18	-2.45
114	173	Q_D	6.521E-02	0.51
114	176	Q_D	6.521E-02	0.51
114	57	Q_D	6.521E-02	0.51
114	54	Q_D	6.521E-02	0.51
114	173	N_D	7.825E-03	6.113E-02
114	176	N_D	7.825E-03	6.113E-02
114	57	N_D	7.825E-03	6.113E-02
114	54	N_D	7.825E-03	6.113E-02
114	173	T+_D	0.	0.
114	176	T+_D	0.	0.
114	57	T+_D	0.	0.
114	54	T+_D	0.	0.
114	173	T-_D	0.	0.
114	176	T-_D	0.	0.
114	57	T-_D	0.	0.
114	54	T-_D	0.	0.
114	173	W+_K	0.	0.
114	176	W+_K	0.	0.
114	57	W+_K	0.	0.
114	54	W+_K	0.	0.
114	173	W-_K	0.	0.
114	176	W-_K	0.	0.
114	57	W-_K	0.	0.
114	54	W-_K	0.	0.
114	173	W+_D	0.	0.
114	176	W+_D	0.	0.
114	57	W+_D	0.	0.
114	54	W+_D	0.	0.
114	173	W-_D	0.	0.
114	176	W-_D	0.	0.
114	57	W-_D	0.	0.
114	54	W-_D	0.	0.
114	173	SISMA SLV X	7.020E-02	0.66
114	176	SISMA SLV X	7.020E-02	0.66
114	57	SISMA SLV X	7.020E-02	0.66
114	54	SISMA SLV X	7.020E-02	0.66
114	173	SISMA SLV Y	0.1	0.3
114	176	SISMA SLV Y	0.1	0.3
114	57	SISMA SLV Y	0.1	0.3
114	54	SISMA SLV Y	0.1	0.3
114	173	SISMA SLD X	3.427E-02	0.32
114	176	SISMA SLD X	3.427E-02	0.32
114	57	SISMA SLD X	3.427E-02	0.32
114	54	SISMA SLD X	3.427E-02	0.32
114	173	SISMA SLD Y	5.102E-02	0.15
114	176	SISMA SLD Y	5.102E-02	0.15
114	57	SISMA SLD Y	5.102E-02	0.15
114	54	SISMA SLD Y	5.102E-02	0.15
114	173	SISMA SLO X	2.834E-02	0.27
114	176	SISMA SLO X	2.834E-02	0.27
114	57	SISMA SLO X	2.834E-02	0.27
114	54	SISMA SLO X	2.834E-02	0.27
114	173	SISMA SLO Y	4.225E-02	0.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
114	176	SISMA SLO Y	4.225E-02	0.12
114	57	SISMA SLO Y	4.225E-02	0.12
114	54	SISMA SLO Y	4.225E-02	0.12
114	173	SLT	0.	0.
114	176	SLT	0.	0.
114	57	SLT	0.	0.
114	54	SLT	0.	0.
114	173	~TorsionSISMA SLV X	0.	0.
114	176	~TorsionSISMA SLV X	0.	0.
114	57	~TorsionSISMA SLV X	0.	0.
114	54	~TorsionSISMA SLV X	0.	0.
114	173	~TorsionSISMA SLV Y	0.	0.
114	176	~TorsionSISMA SLV Y	0.	0.
114	57	~TorsionSISMA SLV Y	0.	0.
114	54	~TorsionSISMA SLV Y	0.	0.
114	173	~TorsionSISMA SLD X	0.	0.
114	176	~TorsionSISMA SLD X	0.	0.
114	57	~TorsionSISMA SLD X	0.	0.
114	54	~TorsionSISMA SLD X	0.	0.
114	173	~TorsionSISMA SLD Y	0.	0.
114	176	~TorsionSISMA SLD Y	0.	0.
114	57	~TorsionSISMA SLD Y	0.	0.
114	54	~TorsionSISMA SLD Y	0.	0.
114	173	~TorsionSISMA SLO X	0.	0.
114	176	~TorsionSISMA SLO X	0.	0.
114	57	~TorsionSISMA SLO X	0.	0.
114	54	~TorsionSISMA SLO X	0.	0.
114	173	~TorsionSISMA SLO Y	0.	0.
114	176	~TorsionSISMA SLO Y	0.	0.
114	57	~TorsionSISMA SLO Y	0.	0.
114	54	~TorsionSISMA SLO Y	0.	0.
115	54	G1_K	0.1	0.7
115	57	G1_K	0.1	0.7
115	177	G1_K	0.1	0.7
115	174	G1_K	0.1	0.7

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
115	54	G2_K	-0.89	2.56
115	57	G2_K	-0.89	2.56
115	177	G2_K	-0.89	2.56
115	174	G2_K	-0.89	2.56
115	54	Q_K	6.771E-02	0.44
115	57	Q_K	6.771E-02	0.44
115	177	Q_K	6.771E-02	0.44
115	174	Q_K	6.771E-02	0.44
115	54	N_K	8.125E-03	5.258E-02
115	57	N_K	8.125E-03	5.258E-02
115	177	N_K	8.125E-03	5.258E-02
115	174	N_K	8.125E-03	5.258E-02
115	54	T+_K	0.	0.
115	57	T+_K	0.	0.
115	177	T+_K	0.	0.
115	174	T+_K	0.	0.
115	54	T-_K	0.	0.
115	57	T-_K	0.	0.
115	177	T-_K	0.	0.
115	174	T-_K	0.	0.
115	54	G1_D	0.13	0.92
115	57	G1_D	0.13	0.92
115	177	G1_D	0.13	0.92
115	174	G1_D	0.13	0.92
115	54	G2_D	-1.15	3.33
115	57	G2_D	-1.15	3.33
115	177	G2_D	-1.15	3.33
115	174	G2_D	-1.15	3.33
115	54	Q_D	0.1	0.66
115	57	Q_D	0.1	0.66
115	177	Q_D	0.1	0.66
115	174	Q_D	0.1	0.66
115	54	N_D	1.219E-02	7.887E-02
115	57	N_D	1.219E-02	7.887E-02
115	177	N_D	1.219E-02	7.887E-02
115	174	N_D	1.219E-02	7.887E-02
115	54	T+_D	0.	0.
115	57	T+_D	0.	0.
115	177	T+_D	0.	0.
115	174	T+_D	0.	0.
115	54	T-_D	0.	0.
115	57	T-_D	0.	0.
115	177	T-_D	0.	0.
115	174	T-_D	0.	0.
115	54	W+_K	0.	0.
115	57	W+_K	0.	0.
115	177	W+_K	0.	0.
115	174	W+_K	0.	0.
115	54	W-_K	0.	0.
115	57	W-_K	0.	0.
115	177	W-_K	0.	0.
115	174	W-_K	0.	0.
115	54	W+_D	0.	0.
115	57	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
115	177	W+_D	0.	0.
115	174	W+_D	0.	0.
115	54	W-_D	0.	0.
115	57	W-_D	0.	0.
115	177	W-_D	0.	0.
115	174	W-_D	0.	0.
115	54	SISMA SLV X	8.610E-02	0.26
115	57	SISMA SLV X	8.610E-02	0.26
115	177	SISMA SLV X	8.610E-02	0.26
115	174	SISMA SLV X	8.610E-02	0.26
115	54	SISMA SLV Y	0.14	0.11
115	57	SISMA SLV Y	0.14	0.11
115	177	SISMA SLV Y	0.14	0.11
115	174	SISMA SLV Y	0.14	0.11
115	54	SISMA SLD X	4.204E-02	0.13
115	57	SISMA SLD X	4.204E-02	0.13
115	177	SISMA SLD X	4.204E-02	0.13
115	174	SISMA SLD X	4.204E-02	0.13
115	54	SISMA SLD Y	6.852E-02	5.250E-02
115	57	SISMA SLD Y	6.852E-02	5.250E-02
115	177	SISMA SLD Y	6.852E-02	5.250E-02
115	174	SISMA SLD Y	6.852E-02	5.250E-02
115	54	SISMA SLO X	3.477E-02	0.1
115	57	SISMA SLO X	3.477E-02	0.1
115	177	SISMA SLO X	3.477E-02	0.1
115	174	SISMA SLO X	3.477E-02	0.1
115	54	SISMA SLO Y	5.674E-02	4.347E-02
115	57	SISMA SLO Y	5.674E-02	4.347E-02
115	177	SISMA SLO Y	5.674E-02	4.347E-02
115	174	SISMA SLO Y	5.674E-02	4.347E-02
115	54	SLT	0.	0.
115	57	SLT	0.	0.
115	177	SLT	0.	0.
115	174	SLT	0.	0.
115	54	~TorsionSISMA SLV X	0.	0.
115	57	~TorsionSISMA SLV X	0.	0.
115	177	~TorsionSISMA SLV X	0.	0.
115	174	~TorsionSISMA SLV X	0.	0.
115	54	~TorsionSISMA SLV Y	0.	0.
115	57	~TorsionSISMA SLV Y	0.	0.
115	177	~TorsionSISMA SLV Y	0.	0.
115	174	~TorsionSISMA SLV Y	0.	0.
115	54	~TorsionSISMA SLD X	0.	0.
115	57	~TorsionSISMA SLD X	0.	0.
115	177	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
115	174	~TorsionSISMA SLD X	0.	0.
115	54	~TorsionSISMA SLD Y	0.	0.
115	57	~TorsionSISMA SLD Y	0.	0.
115	177	~TorsionSISMA SLD Y	0.	0.
115	174	~TorsionSISMA SLD Y	0.	0.
115	54	~TorsionSISMA SLO X	0.	0.
115	57	~TorsionSISMA SLO X	0.	0.
115	177	~TorsionSISMA SLO X	0.	0.
115	174	~TorsionSISMA SLO X	0.	0.
115	54	~TorsionSISMA SLO Y	0.	0.
115	57	~TorsionSISMA SLO Y	0.	0.
115	177	~TorsionSISMA SLO Y	0.	0.
115	174	~TorsionSISMA SLO Y	0.	0.
116	174	G1_K	0.17	0.87
116	177	G1_K	0.17	0.87
116	58	G1_K	0.17	0.87
116	55	G1_K	0.17	0.87
116	174	G2_K	-0.58	5.74
116	177	G2_K	-0.58	5.74
116	58	G2_K	-0.58	5.74
116	55	G2_K	-0.58	5.74
116	174	Q_K	0.12	0.55
116	177	Q_K	0.12	0.55
116	58	Q_K	0.12	0.55
116	55	Q_K	0.12	0.55
116	174	N_K	1.382E-02	6.593E-02
116	177	N_K	1.382E-02	6.593E-02
116	58	N_K	1.382E-02	6.593E-02
116	55	N_K	1.382E-02	6.593E-02
116	174	T+_K	0.	0.
116	177	T+_K	0.	0.
116	58	T+_K	0.	0.
116	55	T+_K	0.	0.
116	174	T-_K	0.	0.
116	177	T-_K	0.	0.
116	58	T-_K	0.	0.
116	55	T-_K	0.	0.
116	174	G1_D	0.22	1.13
116	177	G1_D	0.22	1.13
116	58	G1_D	0.22	1.13
116	55	G1_D	0.22	1.13
116	174	G2_D	-0.76	7.47
116	177	G2_D	-0.76	7.47
116	58	G2_D	-0.76	7.47

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
116	55	G2_D	-0.76	7.47
116	174	Q_D	0.17	0.82
116	177	Q_D	0.17	0.82
116	58	Q_D	0.17	0.82
116	55	Q_D	0.17	0.82
116	174	N_D	2.074E-02	9.890E-02
116	177	N_D	2.074E-02	9.890E-02
116	58	N_D	2.074E-02	9.890E-02
116	55	N_D	2.074E-02	9.890E-02
116	174	T+_D	0.	0.
116	177	T+_D	0.	0.
116	58	T+_D	0.	0.
116	55	T+_D	0.	0.
116	174	T-_D	0.	0.
116	177	T-_D	0.	0.
116	58	T-_D	0.	0.
116	55	T-_D	0.	0.
116	174	W+_K	0.	0.
116	177	W+_K	0.	0.
116	58	W+_K	0.	0.
116	55	W+_K	0.	0.
116	174	W-_K	0.	0.
116	177	W-_K	0.	0.
116	58	W-_K	0.	0.
116	55	W-_K	0.	0.
116	174	W+_D	0.	0.
116	177	W+_D	0.	0.
116	58	W+_D	0.	0.
116	55	W+_D	0.	0.
116	174	W-_D	0.	0.
116	177	W-_D	0.	0.
116	58	W-_D	0.	0.
116	55	W-_D	0.	0.
116	174	SISMA SLV X	9.197E-02	0.34
116	177	SISMA SLV X	9.197E-02	0.34
116	58	SISMA SLV X	9.197E-02	0.34
116	55	SISMA SLV X	9.197E-02	0.34
116	174	SISMA SLV Y	0.16	0.19
116	177	SISMA SLV Y	0.16	0.19
116	58	SISMA SLV Y	0.16	0.19
116	55	SISMA SLV Y	0.16	0.19
116	174	SISMA SLD X	4.491E-02	0.17
116	177	SISMA SLD X	4.491E-02	0.17
116	58	SISMA SLD X	4.491E-02	0.17
116	55	SISMA SLD X	4.491E-02	0.17
116	174	SISMA SLD Y	7.657E-02	9.323E-02
116	177	SISMA SLD Y	7.657E-02	9.323E-02
116	58	SISMA SLD Y	7.657E-02	9.323E-02
116	55	SISMA SLD Y	7.657E-02	9.323E-02
116	174	SISMA SLO X	3.717E-02	0.14
116	177	SISMA SLO X	3.717E-02	0.14
116	58	SISMA SLO X	3.717E-02	0.14
116	55	SISMA SLO X	3.717E-02	0.14
116	174	SISMA SLO Y	6.341E-02	7.720E-02

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
116	177	SISMA SLO Y	6.341E-02	7.720E-02
116	58	SISMA SLO Y	6.341E-02	7.720E-02
116	55	SISMA SLO Y	6.341E-02	7.720E-02
116	174	SLT	0.	0.
116	177	SLT	0.	0.
116	58	SLT	0.	0.
116	55	SLT	0.	0.
116	174	~TorsionSISMA SLV X	0.	0.
116	177	~TorsionSISMA SLV X	0.	0.
116	58	~TorsionSISMA SLV X	0.	0.
116	55	~TorsionSISMA SLV X	0.	0.
116	174	~TorsionSISMA SLV Y	0.	0.
116	177	~TorsionSISMA SLV Y	0.	0.
116	58	~TorsionSISMA SLV Y	0.	0.
116	55	~TorsionSISMA SLV Y	0.	0.
116	174	~TorsionSISMA SLD X	0.	0.
116	177	~TorsionSISMA SLD X	0.	0.
116	58	~TorsionSISMA SLD X	0.	0.
116	55	~TorsionSISMA SLD X	0.	0.
116	174	~TorsionSISMA SLD Y	0.	0.
116	177	~TorsionSISMA SLD Y	0.	0.
116	58	~TorsionSISMA SLD Y	0.	0.
116	55	~TorsionSISMA SLD Y	0.	0.
116	174	~TorsionSISMA SLO X	0.	0.
116	177	~TorsionSISMA SLO X	0.	0.
116	58	~TorsionSISMA SLO X	0.	0.
116	55	~TorsionSISMA SLO X	0.	0.
116	174	~TorsionSISMA SLO Y	0.	0.
116	177	~TorsionSISMA SLO Y	0.	0.
116	58	~TorsionSISMA SLO Y	0.	0.
116	55	~TorsionSISMA SLO Y	0.	0.
117	55	G1_K	0.29	1.12
117	58	G1_K	0.29	1.12
117	125	G1_K	0.29	1.12
117	130	G1_K	0.29	1.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
117	55	G2_K	-8.274E-02	8.01
117	58	G2_K	-8.274E-02	8.01
117	125	G2_K	-8.274E-02	8.01
117	130	G2_K	-8.274E-02	8.01
117	55	Q_K	0.19	0.71
117	58	Q_K	0.19	0.71
117	125	Q_K	0.19	0.71
117	130	Q_K	0.19	0.71
117	55	N_K	2.329E-02	8.547E-02
117	58	N_K	2.329E-02	8.547E-02
117	125	N_K	2.329E-02	8.547E-02
117	130	N_K	2.329E-02	8.547E-02
117	55	T+_K	0.	0.
117	58	T+_K	0.	0.
117	125	T+_K	0.	0.
117	130	T+_K	0.	0.
117	55	T-_K	0.	0.
117	58	T-_K	0.	0.
117	125	T-_K	0.	0.
117	130	T-_K	0.	0.
117	55	G1_D	0.38	1.46
117	58	G1_D	0.38	1.46
117	125	G1_D	0.38	1.46
117	130	G1_D	0.38	1.46
117	55	G2_D	-0.11	10.41
117	58	G2_D	-0.11	10.41
117	125	G2_D	-0.11	10.41
117	130	G2_D	-0.11	10.41
117	55	Q_D	0.29	1.07
117	58	Q_D	0.29	1.07
117	125	Q_D	0.29	1.07
117	130	Q_D	0.29	1.07
117	55	N_D	3.494E-02	0.13
117	58	N_D	3.494E-02	0.13
117	125	N_D	3.494E-02	0.13
117	130	N_D	3.494E-02	0.13
117	55	T+_D	0.	0.
117	58	T+_D	0.	0.
117	125	T+_D	0.	0.
117	130	T+_D	0.	0.
117	55	T-_D	0.	0.
117	58	T-_D	0.	0.
117	125	T-_D	0.	0.
117	130	T-_D	0.	0.
117	55	W+_K	0.	0.
117	58	W+_K	0.	0.
117	125	W+_K	0.	0.
117	130	W+_K	0.	0.
117	55	W-_K	0.	0.
117	58	W-_K	0.	0.
117	125	W-_K	0.	0.
117	130	W-_K	0.	0.
117	55	W+_D	0.	0.
117	58	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
117	125	W+_D	0.	0.
117	130	W+_D	0.	0.
117	55	W-_D	0.	0.
117	58	W-_D	0.	0.
117	125	W-_D	0.	0.
117	130	W-_D	0.	0.
117	55	SISMA SLV X	8.376E-02	0.9
117	58	SISMA SLV X	8.376E-02	0.9
117	125	SISMA SLV X	8.376E-02	0.9
117	130	SISMA SLV X	8.376E-02	0.9
117	55	SISMA SLV Y	0.14	0.46
117	58	SISMA SLV Y	0.14	0.46
117	125	SISMA SLV Y	0.14	0.46
117	130	SISMA SLV Y	0.14	0.46
117	55	SISMA SLD X	4.091E-02	0.44
117	58	SISMA SLD X	4.091E-02	0.44
117	125	SISMA SLD X	4.091E-02	0.44
117	130	SISMA SLD X	4.091E-02	0.44
117	55	SISMA SLD Y	6.774E-02	0.22
117	58	SISMA SLD Y	6.774E-02	0.22
117	125	SISMA SLD Y	6.774E-02	0.22
117	130	SISMA SLD Y	6.774E-02	0.22
117	55	SISMA SLO X	3.388E-02	0.36
117	58	SISMA SLO X	3.388E-02	0.36
117	125	SISMA SLO X	3.388E-02	0.36
117	130	SISMA SLO X	3.388E-02	0.36
117	55	SISMA SLO Y	5.610E-02	0.18
117	58	SISMA SLO Y	5.610E-02	0.18
117	125	SISMA SLO Y	5.610E-02	0.18
117	130	SISMA SLO Y	5.610E-02	0.18
117	55	SLT	0.	0.
117	58	SLT	0.	0.
117	125	SLT	0.	0.
117	130	SLT	0.	0.
117	55	~TorsionSISMA SLV X	0.	0.
117	58	~TorsionSISMA SLV X	0.	0.
117	125	~TorsionSISMA SLV X	0.	0.
117	130	~TorsionSISMA SLV X	0.	0.
117	55	~TorsionSISMA SLV Y	0.	0.
117	58	~TorsionSISMA SLV Y	0.	0.
117	125	~TorsionSISMA SLV Y	0.	0.
117	130	~TorsionSISMA SLV Y	0.	0.
117	55	~TorsionSISMA SLD X	0.	0.
117	58	~TorsionSISMA SLD X	0.	0.
117	125	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
117	130	~TorsionSISMA SLD X	0.	0.
117	55	~TorsionSISMA SLD Y	0.	0.
117	58	~TorsionSISMA SLD Y	0.	0.
117	125	~TorsionSISMA SLD Y	0.	0.
117	130	~TorsionSISMA SLD Y	0.	0.
117	55	~TorsionSISMA SLO X	0.	0.
117	58	~TorsionSISMA SLO X	0.	0.
117	125	~TorsionSISMA SLO X	0.	0.
117	130	~TorsionSISMA SLO X	0.	0.
117	55	~TorsionSISMA SLO Y	0.	0.
117	58	~TorsionSISMA SLO Y	0.	0.
117	125	~TorsionSISMA SLO Y	0.	0.
117	130	~TorsionSISMA SLO Y	0.	0.
118	175	G1_K	8.307E-04	0.47
118	178	G1_K	8.307E-04	0.47
118	59	G1_K	8.307E-04	0.47
118	56	G1_K	8.307E-04	0.47
118	175	G2_K	-4.149E-02	-16.12
118	178	G2_K	-4.149E-02	-16.12
118	59	G2_K	-4.149E-02	-16.12
118	56	G2_K	-4.149E-02	-16.12
118	175	Q_K	-3.711E-04	0.26
118	178	Q_K	-3.711E-04	0.26
118	59	Q_K	-3.711E-04	0.26
118	56	Q_K	-3.711E-04	0.26
118	175	N_K	-4.453E-05	3.138E-02
118	178	N_K	-4.453E-05	3.138E-02
118	59	N_K	-4.453E-05	3.138E-02
118	56	N_K	-4.453E-05	3.138E-02
118	175	T+_K	0.	0.
118	178	T+_K	0.	0.
118	59	T+_K	0.	0.
118	56	T+_K	0.	0.
118	175	T-_K	0.	0.
118	178	T-_K	0.	0.
118	59	T-_K	0.	0.
118	56	T-_K	0.	0.
118	175	G1_D	1.080E-03	0.61
118	178	G1_D	1.080E-03	0.61
118	59	G1_D	1.080E-03	0.61
118	56	G1_D	1.080E-03	0.61
118	175	G2_D	-5.394E-02	-20.95
118	178	G2_D	-5.394E-02	-20.95
118	59	G2_D	-5.394E-02	-20.95

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
118	56	G2_D	-5.394E-02	-20.95
118	175	Q_D	-5.567E-04	0.39
118	178	Q_D	-5.567E-04	0.39
118	59	Q_D	-5.567E-04	0.39
118	56	Q_D	-5.567E-04	0.39
118	175	N_D	-6.680E-05	4.707E-02
118	178	N_D	-6.680E-05	4.707E-02
118	59	N_D	-6.680E-05	4.707E-02
118	56	N_D	-6.680E-05	4.707E-02
118	175	T+_D	0.	0.
118	178	T+_D	0.	0.
118	59	T+_D	0.	0.
118	56	T+_D	0.	0.
118	175	T-_D	0.	0.
118	178	T-_D	0.	0.
118	59	T-_D	0.	0.
118	56	T-_D	0.	0.
118	175	W+_K	0.	0.
118	178	W+_K	0.	0.
118	59	W+_K	0.	0.
118	56	W+_K	0.	0.
118	175	W-_K	0.	0.
118	178	W-_K	0.	0.
118	59	W-_K	0.	0.
118	56	W-_K	0.	0.
118	175	W+_D	0.	0.
118	178	W+_D	0.	0.
118	59	W+_D	0.	0.
118	56	W+_D	0.	0.
118	175	W-_D	0.	0.
118	178	W-_D	0.	0.
118	59	W-_D	0.	0.
118	56	W-_D	0.	0.
118	175	SISMA SLV X	7.416E-03	0.97
118	178	SISMA SLV X	7.416E-03	0.97
118	59	SISMA SLV X	7.416E-03	0.97
118	56	SISMA SLV X	7.416E-03	0.97
118	175	SISMA SLV Y	1.216E-02	0.5
118	178	SISMA SLV Y	1.216E-02	0.5
118	59	SISMA SLV Y	1.216E-02	0.5
118	56	SISMA SLV Y	1.216E-02	0.5
118	175	SISMA SLD X	3.620E-03	0.47
118	178	SISMA SLD X	3.620E-03	0.47
118	59	SISMA SLD X	3.620E-03	0.47
118	56	SISMA SLD X	3.620E-03	0.47
118	175	SISMA SLD Y	5.940E-03	0.24
118	178	SISMA SLD Y	5.940E-03	0.24
118	59	SISMA SLD Y	5.940E-03	0.24
118	56	SISMA SLD Y	5.940E-03	0.24
118	175	SISMA SLO X	2.992E-03	0.39
118	178	SISMA SLO X	2.992E-03	0.39
118	59	SISMA SLO X	2.992E-03	0.39
118	56	SISMA SLO X	2.992E-03	0.39
118	175	SISMA SLO Y	4.917E-03	0.2

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
118	178	SISMA SLO Y	4.917E-03	0.2
118	59	SISMA SLO Y	4.917E-03	0.2
118	56	SISMA SLO Y	4.917E-03	0.2
118	175	SLT	0.	0.
118	178	SLT	0.	0.
118	59	SLT	0.	0.
118	56	SLT	0.	0.
118	175	~TorsionSISMA SLV X	0.	0.
118	178	~TorsionSISMA SLV X	0.	0.
118	59	~TorsionSISMA SLV X	0.	0.
118	56	~TorsionSISMA SLV X	0.	0.
118	175	~TorsionSISMA SLV Y	0.	0.
118	178	~TorsionSISMA SLV Y	0.	0.
118	59	~TorsionSISMA SLV Y	0.	0.
118	56	~TorsionSISMA SLV Y	0.	0.
118	175	~TorsionSISMA SLD X	0.	0.
118	178	~TorsionSISMA SLD X	0.	0.
118	59	~TorsionSISMA SLD X	0.	0.
118	56	~TorsionSISMA SLD X	0.	0.
118	175	~TorsionSISMA SLD Y	0.	0.
118	178	~TorsionSISMA SLD Y	0.	0.
118	59	~TorsionSISMA SLD Y	0.	0.
118	56	~TorsionSISMA SLD Y	0.	0.
118	175	~TorsionSISMA SLO X	0.	0.
118	178	~TorsionSISMA SLO X	0.	0.
118	59	~TorsionSISMA SLO X	0.	0.
118	56	~TorsionSISMA SLO X	0.	0.
118	175	~TorsionSISMA SLO Y	0.	0.
118	178	~TorsionSISMA SLO Y	0.	0.
118	59	~TorsionSISMA SLO Y	0.	0.
118	56	~TorsionSISMA SLO Y	0.	0.
119	56	G1_K	-3.465E-02	0.48
119	59	G1_K	-3.465E-02	0.48
119	179	G1_K	-3.465E-02	0.48
119	176	G1_K	-3.465E-02	0.48

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
119	56	G2_K	0.91	-7.81
119	59	G2_K	0.91	-7.81
119	179	G2_K	0.91	-7.81
119	176	G2_K	0.91	-7.81
119	56	Q_K	-3.248E-02	0.28
119	59	Q_K	-3.248E-02	0.28
119	179	Q_K	-3.248E-02	0.28
119	176	Q_K	-3.248E-02	0.28
119	56	N_K	-3.897E-03	3.356E-02
119	59	N_K	-3.897E-03	3.356E-02
119	179	N_K	-3.897E-03	3.356E-02
119	176	N_K	-3.897E-03	3.356E-02
119	56	T+_K	0.	0.
119	59	T+_K	0.	0.
119	179	T+_K	0.	0.
119	176	T+_K	0.	0.
119	56	T-_K	0.	0.
119	59	T-_K	0.	0.
119	179	T-_K	0.	0.
119	176	T-_K	0.	0.
119	56	G1_D	-4.504E-02	0.63
119	59	G1_D	-4.504E-02	0.63
119	179	G1_D	-4.504E-02	0.63
119	176	G1_D	-4.504E-02	0.63
119	56	G2_D	1.18	-10.15
119	59	G2_D	1.18	-10.15
119	179	G2_D	1.18	-10.15
119	176	G2_D	1.18	-10.15
119	56	Q_D	-4.871E-02	0.42
119	59	Q_D	-4.871E-02	0.42
119	179	Q_D	-4.871E-02	0.42
119	176	Q_D	-4.871E-02	0.42
119	56	N_D	-5.846E-03	5.034E-02
119	59	N_D	-5.846E-03	5.034E-02
119	179	N_D	-5.846E-03	5.034E-02
119	176	N_D	-5.846E-03	5.034E-02
119	56	T+_D	0.	0.
119	59	T+_D	0.	0.
119	179	T+_D	0.	0.
119	176	T+_D	0.	0.
119	56	T-_D	0.	0.
119	59	T-_D	0.	0.
119	179	T-_D	0.	0.
119	176	T-_D	0.	0.
119	56	W+_K	0.	0.
119	59	W+_K	0.	0.
119	179	W+_K	0.	0.
119	176	W+_K	0.	0.
119	56	W-_K	0.	0.
119	59	W-_K	0.	0.
119	179	W-_K	0.	0.
119	176	W-_K	0.	0.
119	56	W+_D	0.	0.
119	59	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
119	179	W+_D	0.	0.
119	176	W+_D	0.	0.
119	56	W-_D	0.	0.
119	59	W-_D	0.	0.
119	179	W-_D	0.	0.
119	176	W-_D	0.	0.
119	56	SISMA SLV X	8.342E-02	0.83
119	59	SISMA SLV X	8.342E-02	0.83
119	179	SISMA SLV X	8.342E-02	0.83
119	176	SISMA SLV X	8.342E-02	0.83
119	56	SISMA SLV Y	5.262E-02	0.44
119	59	SISMA SLV Y	5.262E-02	0.44
119	179	SISMA SLV Y	5.262E-02	0.44
119	176	SISMA SLV Y	5.262E-02	0.44
119	56	SISMA SLD X	4.075E-02	0.41
119	59	SISMA SLD X	4.075E-02	0.41
119	179	SISMA SLD X	4.075E-02	0.41
119	176	SISMA SLD X	4.075E-02	0.41
119	56	SISMA SLD Y	2.570E-02	0.21
119	59	SISMA SLD Y	2.570E-02	0.21
119	179	SISMA SLD Y	2.570E-02	0.21
119	176	SISMA SLD Y	2.570E-02	0.21
119	56	SISMA SLO X	3.375E-02	0.34
119	59	SISMA SLO X	3.375E-02	0.34
119	179	SISMA SLO X	3.375E-02	0.34
119	176	SISMA SLO X	3.375E-02	0.34
119	56	SISMA SLO Y	2.128E-02	0.18
119	59	SISMA SLO Y	2.128E-02	0.18
119	179	SISMA SLO Y	2.128E-02	0.18
119	176	SISMA SLO Y	2.128E-02	0.18
119	56	SLT	0.	0.
119	59	SLT	0.	0.
119	179	SLT	0.	0.
119	176	SLT	0.	0.
119	56	~TorsionSISMA SLV X	0.	0.
119	59	~TorsionSISMA SLV X	0.	0.
119	179	~TorsionSISMA SLV X	0.	0.
119	176	~TorsionSISMA SLV X	0.	0.
119	56	~TorsionSISMA SLV Y	0.	0.
119	59	~TorsionSISMA SLV Y	0.	0.
119	179	~TorsionSISMA SLV Y	0.	0.
119	176	~TorsionSISMA SLV Y	0.	0.
119	56	~TorsionSISMA SLD X	0.	0.
119	59	~TorsionSISMA SLD X	0.	0.
119	179	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
119	176	~TorsionSISMA SLD X	0.	0.
119	56	~TorsionSISMA SLD Y	0.	0.
119	59	~TorsionSISMA SLD Y	0.	0.
119	179	~TorsionSISMA SLD Y	0.	0.
119	176	~TorsionSISMA SLD Y	0.	0.
119	56	~TorsionSISMA SLO X	0.	0.
119	59	~TorsionSISMA SLO X	0.	0.
119	179	~TorsionSISMA SLO X	0.	0.
119	176	~TorsionSISMA SLO X	0.	0.
119	56	~TorsionSISMA SLO Y	0.	0.
119	59	~TorsionSISMA SLO Y	0.	0.
119	179	~TorsionSISMA SLO Y	0.	0.
119	176	~TorsionSISMA SLO Y	0.	0.
120	176	G1_K	-9.260E-02	0.56
120	179	G1_K	-9.260E-02	0.56
120	60	G1_K	-9.260E-02	0.56
120	57	G1_K	-9.260E-02	0.56
120	176	G2_K	1.34	-1.79
120	179	G2_K	1.34	-1.79
120	60	G2_K	1.34	-1.79
120	57	G2_K	1.34	-1.79
120	176	Q_K	-6.815E-02	0.34
120	179	Q_K	-6.815E-02	0.34
120	60	Q_K	-6.815E-02	0.34
120	57	Q_K	-6.815E-02	0.34
120	176	N_K	-8.178E-03	4.072E-02
120	179	N_K	-8.178E-03	4.072E-02
120	60	N_K	-8.178E-03	4.072E-02
120	57	N_K	-8.178E-03	4.072E-02
120	176	T+_K	0.	0.
120	179	T+_K	0.	0.
120	60	T+_K	0.	0.
120	57	T+_K	0.	0.
120	176	T-_K	0.	0.
120	179	T-_K	0.	0.
120	60	T-_K	0.	0.
120	57	T-_K	0.	0.
120	176	G1_D	-0.12	0.72
120	179	G1_D	-0.12	0.72
120	60	G1_D	-0.12	0.72
120	57	G1_D	-0.12	0.72
120	176	G2_D	1.74	-2.33
120	179	G2_D	1.74	-2.33
120	60	G2_D	1.74	-2.33

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
120	57	G2_D	1.74	-2.33
120	176	Q_D	-0.1	0.51
120	179	Q_D	-0.1	0.51
120	60	Q_D	-0.1	0.51
120	57	Q_D	-0.1	0.51
120	176	N_D	-1.227E-02	6.108E-02
120	179	N_D	-1.227E-02	6.108E-02
120	60	N_D	-1.227E-02	6.108E-02
120	57	N_D	-1.227E-02	6.108E-02
120	176	T+_D	0.	0.
120	179	T+_D	0.	0.
120	60	T+_D	0.	0.
120	57	T+_D	0.	0.
120	176	T-_D	0.	0.
120	179	T-_D	0.	0.
120	60	T-_D	0.	0.
120	57	T-_D	0.	0.
120	176	W+_K	0.	0.
120	179	W+_K	0.	0.
120	60	W+_K	0.	0.
120	57	W+_K	0.	0.
120	176	W-_K	0.	0.
120	179	W-_K	0.	0.
120	60	W-_K	0.	0.
120	57	W-_K	0.	0.
120	176	W+_D	0.	0.
120	179	W+_D	0.	0.
120	60	W+_D	0.	0.
120	57	W+_D	0.	0.
120	176	W-_D	0.	0.
120	179	W-_D	0.	0.
120	60	W-_D	0.	0.
120	57	W-_D	0.	0.
120	176	SISMA SLV X	0.16	0.59
120	179	SISMA SLV X	0.16	0.59
120	60	SISMA SLV X	0.16	0.59
120	57	SISMA SLV X	0.16	0.59
120	176	SISMA SLV Y	9.671E-02	0.31
120	179	SISMA SLV Y	9.671E-02	0.31
120	60	SISMA SLV Y	9.671E-02	0.31
120	57	SISMA SLV Y	9.671E-02	0.31
120	176	SISMA SLD X	7.669E-02	0.29
120	179	SISMA SLD X	7.669E-02	0.29
120	60	SISMA SLD X	7.669E-02	0.29
120	57	SISMA SLD X	7.669E-02	0.29
120	176	SISMA SLD Y	4.724E-02	0.15
120	179	SISMA SLD Y	4.724E-02	0.15
120	60	SISMA SLD Y	4.724E-02	0.15
120	57	SISMA SLD Y	4.724E-02	0.15
120	176	SISMA SLO X	6.353E-02	0.24
120	179	SISMA SLO X	6.353E-02	0.24
120	60	SISMA SLO X	6.353E-02	0.24
120	57	SISMA SLO X	6.353E-02	0.24
120	176	SISMA SLO Y	3.912E-02	0.13

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
120	179	SISMA SLO Y	3.912E-02	0.13
120	60	SISMA SLO Y	3.912E-02	0.13
120	57	SISMA SLO Y	3.912E-02	0.13
120	176	SLT	0.	0.
120	179	SLT	0.	0.
120	60	SLT	0.	0.
120	57	SLT	0.	0.
120	176	~TorsionSISMA SLV X	0.	0.
120	179	~TorsionSISMA SLV X	0.	0.
120	60	~TorsionSISMA SLV X	0.	0.
120	57	~TorsionSISMA SLV X	0.	0.
120	176	~TorsionSISMA SLV Y	0.	0.
120	179	~TorsionSISMA SLV Y	0.	0.
120	60	~TorsionSISMA SLV Y	0.	0.
120	57	~TorsionSISMA SLV Y	0.	0.
120	176	~TorsionSISMA SLD X	0.	0.
120	179	~TorsionSISMA SLD X	0.	0.
120	60	~TorsionSISMA SLD X	0.	0.
120	57	~TorsionSISMA SLD X	0.	0.
120	176	~TorsionSISMA SLD Y	0.	0.
120	179	~TorsionSISMA SLD Y	0.	0.
120	60	~TorsionSISMA SLD Y	0.	0.
120	57	~TorsionSISMA SLD Y	0.	0.
120	176	~TorsionSISMA SLO X	0.	0.
120	179	~TorsionSISMA SLO X	0.	0.
120	60	~TorsionSISMA SLO X	0.	0.
120	57	~TorsionSISMA SLO X	0.	0.
120	176	~TorsionSISMA SLO Y	0.	0.
120	179	~TorsionSISMA SLO Y	0.	0.
120	60	~TorsionSISMA SLO Y	0.	0.
120	57	~TorsionSISMA SLO Y	0.	0.
121	57	G1_K	-0.14	0.67
121	60	G1_K	-0.14	0.67
121	180	G1_K	-0.14	0.67
121	177	G1_K	-0.14	0.67

9. Area results

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
121	57	G2_K	1.31	2.52
121	60	G2_K	1.31	2.52
121	180	G2_K	1.31	2.52
121	177	G2_K	1.31	2.52
121	57	Q_K	-9.529E-02	0.42
121	60	Q_K	-9.529E-02	0.42
121	180	Q_K	-9.529E-02	0.42
121	177	Q_K	-9.529E-02	0.42
121	57	N_K	-1.144E-02	5.075E-02
121	60	N_K	-1.144E-02	5.075E-02
121	180	N_K	-1.144E-02	5.075E-02
121	177	N_K	-1.144E-02	5.075E-02
121	57	T+_K	0.	0.
121	60	T+_K	0.	0.
121	180	T+_K	0.	0.
121	177	T+_K	0.	0.
121	57	T-_K	0.	0.
121	60	T-_K	0.	0.
121	180	T-_K	0.	0.
121	177	T-_K	0.	0.
121	57	G1_D	-0.18	0.88
121	60	G1_D	-0.18	0.88
121	180	G1_D	-0.18	0.88
121	177	G1_D	-0.18	0.88
121	57	G2_D	1.7	3.28
121	60	G2_D	1.7	3.28
121	180	G2_D	1.7	3.28
121	177	G2_D	1.7	3.28
121	57	Q_D	-0.14	0.63
121	60	Q_D	-0.14	0.63
121	180	Q_D	-0.14	0.63
121	177	Q_D	-0.14	0.63
121	57	N_D	-1.715E-02	7.613E-02
121	60	N_D	-1.715E-02	7.613E-02
121	180	N_D	-1.715E-02	7.613E-02
121	177	N_D	-1.715E-02	7.613E-02
121	57	T+_D	0.	0.
121	60	T+_D	0.	0.
121	180	T+_D	0.	0.
121	177	T+_D	0.	0.
121	57	T-_D	0.	0.
121	60	T-_D	0.	0.
121	180	T-_D	0.	0.
121	177	T-_D	0.	0.
121	57	W+_K	0.	0.
121	60	W+_K	0.	0.
121	180	W+_K	0.	0.
121	177	W+_K	0.	0.
121	57	W-_K	0.	0.
121	60	W-_K	0.	0.
121	180	W-_K	0.	0.
121	177	W-_K	0.	0.
121	57	W+_D	0.	0.
121	60	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
121	180	W+_D	0.	0.
121	177	W+_D	0.	0.
121	57	W-_D	0.	0.
121	60	W-_D	0.	0.
121	180	W-_D	0.	0.
121	177	W-_D	0.	0.
121	57	SISMA SLV X	0.2	0.24
121	60	SISMA SLV X	0.2	0.24
121	180	SISMA SLV X	0.2	0.24
121	177	SISMA SLV X	0.2	0.24
121	57	SISMA SLV Y	0.13	0.12
121	60	SISMA SLV Y	0.13	0.12
121	180	SISMA SLV Y	0.13	0.12
121	177	SISMA SLV Y	0.13	0.12
121	57	SISMA SLD X	9.536E-02	0.12
121	60	SISMA SLD X	9.536E-02	0.12
121	180	SISMA SLD X	9.536E-02	0.12
121	177	SISMA SLD X	9.536E-02	0.12
121	57	SISMA SLD Y	6.196E-02	5.977E-02
121	60	SISMA SLD Y	6.196E-02	5.977E-02
121	180	SISMA SLD Y	6.196E-02	5.977E-02
121	177	SISMA SLD Y	6.196E-02	5.977E-02
121	57	SISMA SLO X	7.900E-02	9.846E-02
121	60	SISMA SLO X	7.900E-02	9.846E-02
121	180	SISMA SLO X	7.900E-02	9.846E-02
121	177	SISMA SLO X	7.900E-02	9.846E-02
121	57	SISMA SLO Y	5.132E-02	4.949E-02
121	60	SISMA SLO Y	5.132E-02	4.949E-02
121	180	SISMA SLO Y	5.132E-02	4.949E-02
121	177	SISMA SLO Y	5.132E-02	4.949E-02
121	57	SLT	0.	0.
121	60	SLT	0.	0.
121	180	SLT	0.	0.
121	177	SLT	0.	0.
121	57	~TorsionSISMA SLV X	0.	0.
121	60	~TorsionSISMA SLV X	0.	0.
121	180	~TorsionSISMA SLV X	0.	0.
121	177	~TorsionSISMA SLV X	0.	0.
121	57	~TorsionSISMA SLV Y	0.	0.
121	60	~TorsionSISMA SLV Y	0.	0.
121	180	~TorsionSISMA SLV Y	0.	0.
121	177	~TorsionSISMA SLV Y	0.	0.
121	57	~TorsionSISMA SLD X	0.	0.
121	60	~TorsionSISMA SLD X	0.	0.
121	180	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
121	177	~TorsionSISMA SLD X	0.	0.
121	57	~TorsionSISMA SLD Y	0.	0.
121	60	~TorsionSISMA SLD Y	0.	0.
121	180	~TorsionSISMA SLD Y	0.	0.
121	177	~TorsionSISMA SLD Y	0.	0.
121	57	~TorsionSISMA SLO X	0.	0.
121	60	~TorsionSISMA SLO X	0.	0.
121	180	~TorsionSISMA SLO X	0.	0.
121	177	~TorsionSISMA SLO X	0.	0.
121	57	~TorsionSISMA SLO Y	0.	0.
121	60	~TorsionSISMA SLO Y	0.	0.
121	180	~TorsionSISMA SLO Y	0.	0.
121	177	~TorsionSISMA SLO Y	0.	0.
122	177	G1_K	-0.22	0.88
122	180	G1_K	-0.22	0.88
122	61	G1_K	-0.22	0.88
122	58	G1_K	-0.22	0.88
122	177	G2_K	0.91	5.59
122	180	G2_K	0.91	5.59
122	61	G2_K	0.91	5.59
122	58	G2_K	0.91	5.59
122	177	Q_K	-0.15	0.56
122	180	Q_K	-0.15	0.56
122	61	Q_K	-0.15	0.56
122	58	Q_K	-0.15	0.56
122	177	N_K	-1.768E-02	6.712E-02
122	180	N_K	-1.768E-02	6.712E-02
122	61	N_K	-1.768E-02	6.712E-02
122	58	N_K	-1.768E-02	6.712E-02
122	177	T+_K	0.	0.
122	180	T+_K	0.	0.
122	61	T+_K	0.	0.
122	58	T+_K	0.	0.
122	177	T-_K	0.	0.
122	180	T-_K	0.	0.
122	61	T-_K	0.	0.
122	58	T-_K	0.	0.
122	177	G1_D	-0.29	1.14
122	180	G1_D	-0.29	1.14
122	61	G1_D	-0.29	1.14
122	58	G1_D	-0.29	1.14
122	177	G2_D	1.19	7.27
122	180	G2_D	1.19	7.27
122	61	G2_D	1.19	7.27

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
122	58	G2_D	1.19	7.27
122	177	Q_D	-0.22	0.84
122	180	Q_D	-0.22	0.84
122	61	Q_D	-0.22	0.84
122	58	Q_D	-0.22	0.84
122	177	N_D	-2.652E-02	0.1
122	180	N_D	-2.652E-02	0.1
122	61	N_D	-2.652E-02	0.1
122	58	N_D	-2.652E-02	0.1
122	177	T+_D	0.	0.
122	180	T+_D	0.	0.
122	61	T+_D	0.	0.
122	58	T+_D	0.	0.
122	177	T-_D	0.	0.
122	180	T-_D	0.	0.
122	61	T-_D	0.	0.
122	58	T-_D	0.	0.
122	177	W+_K	0.	0.
122	180	W+_K	0.	0.
122	61	W+_K	0.	0.
122	58	W+_K	0.	0.
122	177	W-_K	0.	0.
122	180	W-_K	0.	0.
122	61	W-_K	0.	0.
122	58	W-_K	0.	0.
122	177	W+_D	0.	0.
122	180	W+_D	0.	0.
122	61	W+_D	0.	0.
122	58	W+_D	0.	0.
122	177	W-_D	0.	0.
122	180	W-_D	0.	0.
122	61	W-_D	0.	0.
122	58	W-_D	0.	0.
122	177	SISMA SLV X	0.17	0.27
122	180	SISMA SLV X	0.17	0.27
122	61	SISMA SLV X	0.17	0.27
122	58	SISMA SLV X	0.17	0.27
122	177	SISMA SLV Y	0.14	0.14
122	180	SISMA SLV Y	0.14	0.14
122	61	SISMA SLV Y	0.14	0.14
122	58	SISMA SLV Y	0.14	0.14
122	177	SISMA SLD X	8.426E-02	0.13
122	180	SISMA SLD X	8.426E-02	0.13
122	61	SISMA SLD X	8.426E-02	0.13
122	58	SISMA SLD X	8.426E-02	0.13
122	177	SISMA SLD Y	6.756E-02	6.747E-02
122	180	SISMA SLD Y	6.756E-02	6.747E-02
122	61	SISMA SLD Y	6.756E-02	6.747E-02
122	58	SISMA SLD Y	6.756E-02	6.747E-02
122	177	SISMA SLO X	6.980E-02	0.11
122	180	SISMA SLO X	6.980E-02	0.11
122	61	SISMA SLO X	6.980E-02	0.11
122	58	SISMA SLO X	6.980E-02	0.11
122	177	SISMA SLO Y	5.595E-02	5.586E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
122	180	SISMA SLO Y	5.595E-02	5.586E-02
122	61	SISMA SLO Y	5.595E-02	5.586E-02
122	58	SISMA SLO Y	5.595E-02	5.586E-02
122	177	SLT	0.	0.
122	180	SLT	0.	0.
122	61	SLT	0.	0.
122	58	SLT	0.	0.
122	177	~TorsionSISMA SLV X	0.	0.
122	180	~TorsionSISMA SLV X	0.	0.
122	61	~TorsionSISMA SLV X	0.	0.
122	58	~TorsionSISMA SLV X	0.	0.
122	177	~TorsionSISMA SLV Y	0.	0.
122	180	~TorsionSISMA SLV Y	0.	0.
122	61	~TorsionSISMA SLV Y	0.	0.
122	58	~TorsionSISMA SLV Y	0.	0.
122	177	~TorsionSISMA SLD X	0.	0.
122	180	~TorsionSISMA SLD X	0.	0.
122	61	~TorsionSISMA SLD X	0.	0.
122	58	~TorsionSISMA SLD X	0.	0.
122	177	~TorsionSISMA SLD Y	0.	0.
122	180	~TorsionSISMA SLD Y	0.	0.
122	61	~TorsionSISMA SLD Y	0.	0.
122	58	~TorsionSISMA SLD Y	0.	0.
122	177	~TorsionSISMA SLO X	0.	0.
122	180	~TorsionSISMA SLO X	0.	0.
122	61	~TorsionSISMA SLO X	0.	0.
122	58	~TorsionSISMA SLO X	0.	0.
122	177	~TorsionSISMA SLO Y	0.	0.
122	180	~TorsionSISMA SLO Y	0.	0.
122	61	~TorsionSISMA SLO Y	0.	0.
122	58	~TorsionSISMA SLO Y	0.	0.
123	58	G1_K	-0.34	1.06
123	61	G1_K	-0.34	1.06
123	120	G1_K	-0.34	1.06
123	125	G1_K	-0.34	1.06

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
123	58	G2_K	0.23	7.88
123	61	G2_K	0.23	7.88
123	120	G2_K	0.23	7.88
123	125	G2_K	0.23	7.88
123	58	Q_K	-0.22	0.68
123	61	Q_K	-0.22	0.68
123	120	Q_K	-0.22	0.68
123	125	Q_K	-0.22	0.68
123	58	N_K	-2.620E-02	8.154E-02
123	61	N_K	-2.620E-02	8.154E-02
123	120	N_K	-2.620E-02	8.154E-02
123	125	N_K	-2.620E-02	8.154E-02
123	58	T+_K	0.	0.
123	61	T+_K	0.	0.
123	120	T+_K	0.	0.
123	125	T+_K	0.	0.
123	58	T-_K	0.	0.
123	61	T-_K	0.	0.
123	120	T-_K	0.	0.
123	125	T-_K	0.	0.
123	58	G1_D	-0.44	1.37
123	61	G1_D	-0.44	1.37
123	120	G1_D	-0.44	1.37
123	125	G1_D	-0.44	1.37
123	58	G2_D	0.3	10.24
123	61	G2_D	0.3	10.24
123	120	G2_D	0.3	10.24
123	125	G2_D	0.3	10.24
123	58	Q_D	-0.33	1.02
123	61	Q_D	-0.33	1.02
123	120	Q_D	-0.33	1.02
123	125	Q_D	-0.33	1.02
123	58	N_D	-3.929E-02	0.12
123	61	N_D	-3.929E-02	0.12
123	120	N_D	-3.929E-02	0.12
123	125	N_D	-3.929E-02	0.12
123	58	T+_D	0.	0.
123	61	T+_D	0.	0.
123	120	T+_D	0.	0.
123	125	T+_D	0.	0.
123	58	T-_D	0.	0.
123	61	T-_D	0.	0.
123	120	T-_D	0.	0.
123	125	T-_D	0.	0.
123	58	W+_K	0.	0.
123	61	W+_K	0.	0.
123	120	W+_K	0.	0.
123	125	W+_K	0.	0.
123	58	W-_K	0.	0.
123	61	W-_K	0.	0.
123	120	W-_K	0.	0.
123	125	W-_K	0.	0.
123	58	W+_D	0.	0.
123	61	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
123	120	W+_D	0.	0.
123	125	W+_D	0.	0.
123	58	W-_D	0.	0.
123	61	W-_D	0.	0.
123	120	W-_D	0.	0.
123	125	W-_D	0.	0.
123	58	SISMA SLV X	9.712E-02	0.76
123	61	SISMA SLV X	9.712E-02	0.76
123	120	SISMA SLV X	9.712E-02	0.76
123	125	SISMA SLV X	9.712E-02	0.76
123	58	SISMA SLV Y	0.14	0.38
123	61	SISMA SLV Y	0.14	0.38
123	120	SISMA SLV Y	0.14	0.38
123	125	SISMA SLV Y	0.14	0.38
123	58	SISMA SLD X	4.743E-02	0.37
123	61	SISMA SLD X	4.743E-02	0.37
123	120	SISMA SLD X	4.743E-02	0.37
123	125	SISMA SLD X	4.743E-02	0.37
123	58	SISMA SLD Y	6.813E-02	0.18
123	61	SISMA SLD Y	6.813E-02	0.18
123	120	SISMA SLD Y	6.813E-02	0.18
123	125	SISMA SLD Y	6.813E-02	0.18
123	58	SISMA SLO X	3.929E-02	0.31
123	61	SISMA SLO X	3.929E-02	0.31
123	120	SISMA SLO X	3.929E-02	0.31
123	125	SISMA SLO X	3.929E-02	0.31
123	58	SISMA SLO Y	5.643E-02	0.15
123	61	SISMA SLO Y	5.643E-02	0.15
123	120	SISMA SLO Y	5.643E-02	0.15
123	125	SISMA SLO Y	5.643E-02	0.15
123	58	SLT	0.	0.
123	61	SLT	0.	0.
123	120	SLT	0.	0.
123	125	SLT	0.	0.
123	58	~TorsionSISMA SLV X	0.	0.
123	61	~TorsionSISMA SLV X	0.	0.
123	120	~TorsionSISMA SLV X	0.	0.
123	125	~TorsionSISMA SLV X	0.	0.
123	58	~TorsionSISMA SLV Y	0.	0.
123	61	~TorsionSISMA SLV Y	0.	0.
123	120	~TorsionSISMA SLV Y	0.	0.
123	125	~TorsionSISMA SLV Y	0.	0.
123	58	~TorsionSISMA SLD X	0.	0.
123	61	~TorsionSISMA SLD X	0.	0.
123	120	~TorsionSISMA SLD X	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
123	125	~TorsionSISMA SLD X	0.	0.
123	58	~TorsionSISMA SLD Y	0.	0.
123	61	~TorsionSISMA SLD Y	0.	0.
123	120	~TorsionSISMA SLD Y	0.	0.
123	125	~TorsionSISMA SLD Y	0.	0.
123	58	~TorsionSISMA SLO X	0.	0.
123	61	~TorsionSISMA SLO X	0.	0.
123	120	~TorsionSISMA SLO X	0.	0.
123	125	~TorsionSISMA SLO X	0.	0.
123	58	~TorsionSISMA SLO Y	0.	0.
123	61	~TorsionSISMA SLO Y	0.	0.
123	120	~TorsionSISMA SLO Y	0.	0.
123	125	~TorsionSISMA SLO Y	0.	0.
124	178	G1_K	2.532E-02	0.48
124	100	G1_K	2.532E-02	0.48
124	30	G1_K	2.532E-02	0.48
124	59	G1_K	2.532E-02	0.48
124	178	G2_K	1.03	-8.56
124	100	G2_K	1.03	-8.56
124	30	G2_K	1.03	-8.56
124	59	G2_K	1.03	-8.56
124	178	Q_K	-1.077E-02	0.13
124	100	Q_K	-1.077E-02	0.13
124	30	Q_K	-1.077E-02	0.13
124	59	Q_K	-1.077E-02	0.13
124	178	N_K	-1.292E-03	1.595E-02
124	100	N_K	-1.292E-03	1.595E-02
124	30	N_K	-1.292E-03	1.595E-02
124	59	N_K	-1.292E-03	1.595E-02
124	178	T+_K	0.	0.
124	100	T+_K	0.	0.
124	30	T+_K	0.	0.
124	59	T+_K	0.	0.
124	178	T-_K	0.	0.
124	100	T-_K	0.	0.
124	30	T-_K	0.	0.
124	59	T-_K	0.	0.
124	178	G1_D	3.291E-02	0.62
124	100	G1_D	3.291E-02	0.62
124	30	G1_D	3.291E-02	0.62
124	59	G1_D	3.291E-02	0.62
124	178	G2_D	1.34	-11.12
124	100	G2_D	1.34	-11.12
124	30	G2_D	1.34	-11.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
124	59	G2_D	1.34	-11.12
124	178	Q_D	-1.615E-02	0.2
124	100	Q_D	-1.615E-02	0.2
124	30	Q_D	-1.615E-02	0.2
124	59	Q_D	-1.615E-02	0.2
124	178	N_D	-1.938E-03	2.393E-02
124	100	N_D	-1.938E-03	2.393E-02
124	30	N_D	-1.938E-03	2.393E-02
124	59	N_D	-1.938E-03	2.393E-02
124	178	T+_D	0.	0.
124	100	T+_D	0.	0.
124	30	T+_D	0.	0.
124	59	T+_D	0.	0.
124	178	T-_D	0.	0.
124	100	T-_D	0.	0.
124	30	T-_D	0.	0.
124	59	T-_D	0.	0.
124	178	W+_K	0.	0.
124	100	W+_K	0.	0.
124	30	W+_K	0.	0.
124	59	W+_K	0.	0.
124	178	W-_K	0.	0.
124	100	W-_K	0.	0.
124	30	W-_K	0.	0.
124	59	W-_K	0.	0.
124	178	W+_D	0.	0.
124	100	W+_D	0.	0.
124	30	W+_D	0.	0.
124	59	W+_D	0.	0.
124	178	W-_D	0.	0.
124	100	W-_D	0.	0.
124	30	W-_D	0.	0.
124	59	W-_D	0.	0.
124	178	SISMA SLV X	3.227E-02	0.84
124	100	SISMA SLV X	3.227E-02	0.84
124	30	SISMA SLV X	3.227E-02	0.84
124	59	SISMA SLV X	3.227E-02	0.84
124	178	SISMA SLV Y	2.656E-02	0.48
124	100	SISMA SLV Y	2.656E-02	0.48
124	30	SISMA SLV Y	2.656E-02	0.48
124	59	SISMA SLV Y	2.656E-02	0.48
124	178	SISMA SLD X	1.576E-02	0.41
124	100	SISMA SLD X	1.576E-02	0.41
124	30	SISMA SLD X	1.576E-02	0.41
124	59	SISMA SLD X	1.576E-02	0.41
124	178	SISMA SLD Y	1.297E-02	0.23
124	100	SISMA SLD Y	1.297E-02	0.23
124	30	SISMA SLD Y	1.297E-02	0.23
124	59	SISMA SLD Y	1.297E-02	0.23
124	178	SISMA SLO X	1.304E-02	0.34
124	100	SISMA SLO X	1.304E-02	0.34
124	30	SISMA SLO X	1.304E-02	0.34
124	59	SISMA SLO X	1.304E-02	0.34
124	178	SISMA SLO Y	1.074E-02	0.19

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
124	100	SISMA SLO Y	1.074E-02	0.19
124	30	SISMA SLO Y	1.074E-02	0.19
124	59	SISMA SLO Y	1.074E-02	0.19
124	178	SLT	0.	0.
124	100	SLT	0.	0.
124	30	SLT	0.	0.
124	59	SLT	0.	0.
124	178	~TorsionSISMA SLV X	0.	0.
124	100	~TorsionSISMA SLV X	0.	0.
124	30	~TorsionSISMA SLV X	0.	0.
124	59	~TorsionSISMA SLV X	0.	0.
124	178	~TorsionSISMA SLV Y	0.	0.
124	100	~TorsionSISMA SLV Y	0.	0.
124	30	~TorsionSISMA SLV Y	0.	0.
124	59	~TorsionSISMA SLV Y	0.	0.
124	178	~TorsionSISMA SLD X	0.	0.
124	100	~TorsionSISMA SLD X	0.	0.
124	30	~TorsionSISMA SLD X	0.	0.
124	59	~TorsionSISMA SLD X	0.	0.
124	178	~TorsionSISMA SLD Y	0.	0.
124	100	~TorsionSISMA SLD Y	0.	0.
124	30	~TorsionSISMA SLD Y	0.	0.
124	59	~TorsionSISMA SLD Y	0.	0.
124	178	~TorsionSISMA SLO X	0.	0.
124	100	~TorsionSISMA SLO X	0.	0.
124	30	~TorsionSISMA SLO X	0.	0.
124	59	~TorsionSISMA SLO X	0.	0.
124	178	~TorsionSISMA SLO Y	0.	0.
124	100	~TorsionSISMA SLO Y	0.	0.
124	30	~TorsionSISMA SLO Y	0.	0.
124	59	~TorsionSISMA SLO Y	0.	0.
125	59	G1_K	-5.038E-02	4.974E-03
125	30	G1_K	-5.038E-02	4.974E-03
125	163	G1_K	-5.038E-02	4.974E-03
125	179	G1_K	-5.038E-02	4.974E-03

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
125	59	G2_K	4.34	-2.97
125	30	G2_K	4.34	-2.97
125	163	G2_K	4.34	-2.97
125	179	G2_K	4.34	-2.97
125	59	Q_K	-8.551E-02	6.906E-03
125	30	Q_K	-8.551E-02	6.906E-03
125	163	Q_K	-8.551E-02	6.906E-03
125	179	Q_K	-8.551E-02	6.906E-03
125	59	N_K	-1.026E-02	8.287E-04
125	30	N_K	-1.026E-02	8.287E-04
125	163	N_K	-1.026E-02	8.287E-04
125	179	N_K	-1.026E-02	8.287E-04
125	59	T+_K	0.	0.
125	30	T+_K	0.	0.
125	163	T+_K	0.	0.
125	179	T+_K	0.	0.
125	59	T-_K	0.	0.
125	30	T-_K	0.	0.
125	163	T-_K	0.	0.
125	179	T-_K	0.	0.
125	59	G1_D	-6.549E-02	6.466E-03
125	30	G1_D	-6.549E-02	6.466E-03
125	163	G1_D	-6.549E-02	6.466E-03
125	179	G1_D	-6.549E-02	6.466E-03
125	59	G2_D	5.65	-3.86
125	30	G2_D	5.65	-3.86
125	163	G2_D	5.65	-3.86
125	179	G2_D	5.65	-3.86
125	59	Q_D	-0.13	1.036E-02
125	30	Q_D	-0.13	1.036E-02
125	163	Q_D	-0.13	1.036E-02
125	179	Q_D	-0.13	1.036E-02
125	59	N_D	-1.539E-02	1.243E-03
125	30	N_D	-1.539E-02	1.243E-03
125	163	N_D	-1.539E-02	1.243E-03
125	179	N_D	-1.539E-02	1.243E-03
125	59	T+_D	0.	0.
125	30	T+_D	0.	0.
125	163	T+_D	0.	0.
125	179	T+_D	0.	0.
125	59	T-_D	0.	0.
125	30	T-_D	0.	0.
125	163	T-_D	0.	0.
125	179	T-_D	0.	0.
125	59	W+_K	0.	0.
125	30	W+_K	0.	0.
125	163	W+_K	0.	0.
125	179	W+_K	0.	0.
125	59	W-_K	0.	0.
125	30	W-_K	0.	0.
125	163	W-_K	0.	0.
125	179	W-_K	0.	0.
125	59	W+_D	0.	0.
125	30	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
125	163	W+_D	0.	0.
125	179	W+_D	0.	0.
125	59	W-_D	0.	0.
125	30	W-_D	0.	0.
125	163	W-_D	0.	0.
125	179	W-_D	0.	0.
125	59	SISMA SLV X	0.11	0.38
125	30	SISMA SLV X	0.11	0.38
125	163	SISMA SLV X	0.11	0.38
125	179	SISMA SLV X	0.11	0.38
125	59	SISMA SLV Y	4.901E-02	0.34
125	30	SISMA SLV Y	4.901E-02	0.34
125	163	SISMA SLV Y	4.901E-02	0.34
125	179	SISMA SLV Y	4.901E-02	0.34
125	59	SISMA SLD X	5.317E-02	0.19
125	30	SISMA SLD X	5.317E-02	0.19
125	163	SISMA SLD X	5.317E-02	0.19
125	179	SISMA SLD X	5.317E-02	0.19
125	59	SISMA SLD Y	2.393E-02	0.17
125	30	SISMA SLD Y	2.393E-02	0.17
125	163	SISMA SLD Y	2.393E-02	0.17
125	179	SISMA SLD Y	2.393E-02	0.17
125	59	SISMA SLO X	4.401E-02	0.15
125	30	SISMA SLO X	4.401E-02	0.15
125	163	SISMA SLO X	4.401E-02	0.15
125	179	SISMA SLO X	4.401E-02	0.15
125	59	SISMA SLO Y	1.981E-02	0.14
125	30	SISMA SLO Y	1.981E-02	0.14
125	163	SISMA SLO Y	1.981E-02	0.14
125	179	SISMA SLO Y	1.981E-02	0.14
125	59	SLT	0.	0.
125	30	SLT	0.	0.
125	163	SLT	0.	0.
125	179	SLT	0.	0.
125	59	~TorsionSISMA SLV X	0.	0.
125	30	~TorsionSISMA SLV X	0.	0.
125	163	~TorsionSISMA SLV X	0.	0.
125	179	~TorsionSISMA SLV X	0.	0.
125	59	~TorsionSISMA SLV Y	0.	0.
125	30	~TorsionSISMA SLV Y	0.	0.
125	163	~TorsionSISMA SLV Y	0.	0.
125	179	~TorsionSISMA SLV Y	0.	0.
125	59	~TorsionSISMA SLD X	0.	0.
125	30	~TorsionSISMA SLD X	0.	0.
125	163	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
125	179	~TorsionSISMA SLD X	0.	0.
125	59	~TorsionSISMA SLD Y	0.	0.
125	30	~TorsionSISMA SLD Y	0.	0.
125	163	~TorsionSISMA SLD Y	0.	0.
125	179	~TorsionSISMA SLD Y	0.	0.
125	59	~TorsionSISMA SLO X	0.	0.
125	30	~TorsionSISMA SLO X	0.	0.
125	163	~TorsionSISMA SLO X	0.	0.
125	179	~TorsionSISMA SLO X	0.	0.
125	59	~TorsionSISMA SLO Y	0.	0.
125	30	~TorsionSISMA SLO Y	0.	0.
125	163	~TorsionSISMA SLO Y	0.	0.
125	179	~TorsionSISMA SLO Y	0.	0.
126	179	G1_K	-0.27	4.288E-02
126	163	G1_K	-0.27	4.288E-02
126	32	G1_K	-0.27	4.288E-02
126	60	G1_K	-0.27	4.288E-02
126	179	G2_K	5.75	-0.56
126	163	G2_K	5.75	-0.56
126	32	G2_K	5.75	-0.56
126	60	G2_K	5.75	-0.56
126	179	Q_K	-0.2	3.498E-02
126	163	Q_K	-0.2	3.498E-02
126	32	Q_K	-0.2	3.498E-02
126	60	Q_K	-0.2	3.498E-02
126	179	N_K	-2.429E-02	4.198E-03
126	163	N_K	-2.429E-02	4.198E-03
126	32	N_K	-2.429E-02	4.198E-03
126	60	N_K	-2.429E-02	4.198E-03
126	179	T+_K	0.	0.
126	163	T+_K	0.	0.
126	32	T+_K	0.	0.
126	60	T+_K	0.	0.
126	179	T-_K	0.	0.
126	163	T-_K	0.	0.
126	32	T-_K	0.	0.
126	60	T-_K	0.	0.
126	179	G1_D	-0.35	5.574E-02
126	163	G1_D	-0.35	5.574E-02
126	32	G1_D	-0.35	5.574E-02
126	60	G1_D	-0.35	5.574E-02
126	179	G2_D	7.48	-0.73
126	163	G2_D	7.48	-0.73
126	32	G2_D	7.48	-0.73

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
126	60	G2_D	7.48	-0.73
126	179	Q_D	-0.3	5.247E-02
126	163	Q_D	-0.3	5.247E-02
126	32	Q_D	-0.3	5.247E-02
126	60	Q_D	-0.3	5.247E-02
126	179	N_D	-3.643E-02	6.296E-03
126	163	N_D	-3.643E-02	6.296E-03
126	32	N_D	-3.643E-02	6.296E-03
126	60	N_D	-3.643E-02	6.296E-03
126	179	T+_D	0.	0.
126	163	T+_D	0.	0.
126	32	T+_D	0.	0.
126	60	T+_D	0.	0.
126	179	T-_D	0.	0.
126	163	T-_D	0.	0.
126	32	T-_D	0.	0.
126	60	T-_D	0.	0.
126	179	W+_K	0.	0.
126	163	W+_K	0.	0.
126	32	W+_K	0.	0.
126	60	W+_K	0.	0.
126	179	W-_K	0.	0.
126	163	W-_K	0.	0.
126	32	W-_K	0.	0.
126	60	W-_K	0.	0.
126	179	W+_D	0.	0.
126	163	W+_D	0.	0.
126	32	W+_D	0.	0.
126	60	W+_D	0.	0.
126	179	W-_D	0.	0.
126	163	W-_D	0.	0.
126	32	W-_D	0.	0.
126	60	W-_D	0.	0.
126	179	SISMA SLV X	0.3	0.28
126	163	SISMA SLV X	0.3	0.28
126	32	SISMA SLV X	0.3	0.28
126	60	SISMA SLV X	0.3	0.28
126	179	SISMA SLV Y	0.13	0.29
126	163	SISMA SLV Y	0.13	0.29
126	32	SISMA SLV Y	0.13	0.29
126	60	SISMA SLV Y	0.13	0.29
126	179	SISMA SLD X	0.15	0.13
126	163	SISMA SLD X	0.15	0.13
126	32	SISMA SLD X	0.15	0.13
126	60	SISMA SLD X	0.15	0.13
126	179	SISMA SLD Y	6.386E-02	0.14
126	163	SISMA SLD Y	6.386E-02	0.14
126	32	SISMA SLD Y	6.386E-02	0.14
126	60	SISMA SLD Y	6.386E-02	0.14
126	179	SISMA SLO X	0.12	0.11
126	163	SISMA SLO X	0.12	0.11
126	32	SISMA SLO X	0.12	0.11
126	60	SISMA SLO X	0.12	0.11
126	179	SISMA SLO Y	5.289E-02	0.12

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
126	163	SISMA SLO Y	5.289E-02	0.12
126	32	SISMA SLO Y	5.289E-02	0.12
126	60	SISMA SLO Y	5.289E-02	0.12
126	179	SLT	0.	0.
126	163	SLT	0.	0.
126	32	SLT	0.	0.
126	60	SLT	0.	0.
126	179	~TorsionSISMA SLV X	0.	0.
126	163	~TorsionSISMA SLV X	0.	0.
126	32	~TorsionSISMA SLV X	0.	0.
126	60	~TorsionSISMA SLV X	0.	0.
126	179	~TorsionSISMA SLV Y	0.	0.
126	163	~TorsionSISMA SLV Y	0.	0.
126	32	~TorsionSISMA SLV Y	0.	0.
126	60	~TorsionSISMA SLV Y	0.	0.
126	179	~TorsionSISMA SLD X	0.	0.
126	163	~TorsionSISMA SLD X	0.	0.
126	32	~TorsionSISMA SLD X	0.	0.
126	60	~TorsionSISMA SLD X	0.	0.
126	179	~TorsionSISMA SLD Y	0.	0.
126	163	~TorsionSISMA SLD Y	0.	0.
126	32	~TorsionSISMA SLD Y	0.	0.
126	60	~TorsionSISMA SLD Y	0.	0.
126	179	~TorsionSISMA SLO X	0.	0.
126	163	~TorsionSISMA SLO X	0.	0.
126	32	~TorsionSISMA SLO X	0.	0.
126	60	~TorsionSISMA SLO X	0.	0.
126	179	~TorsionSISMA SLO Y	0.	0.
126	163	~TorsionSISMA SLO Y	0.	0.
126	32	~TorsionSISMA SLO Y	0.	0.
126	60	~TorsionSISMA SLO Y	0.	0.
127	60	G1_K	-0.48	0.25
127	32	G1_K	-0.48	0.25
127	165	G1_K	-0.48	0.25
127	180	G1_K	-0.48	0.25

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
127	60	G2_K	5.47	0.28
127	32	G2_K	5.47	0.28
127	165	G2_K	5.47	0.28
127	180	G2_K	5.47	0.28
127	60	Q_K	-0.33	0.18
127	32	Q_K	-0.33	0.18
127	165	Q_K	-0.33	0.18
127	180	Q_K	-0.33	0.18
127	60	N_K	-3.973E-02	2.105E-02
127	32	N_K	-3.973E-02	2.105E-02
127	165	N_K	-3.973E-02	2.105E-02
127	180	N_K	-3.973E-02	2.105E-02
127	60	T+_K	0.	0.
127	32	T+_K	0.	0.
127	165	T+_K	0.	0.
127	180	T+_K	0.	0.
127	60	T-_K	0.	0.
127	32	T-_K	0.	0.
127	165	T-_K	0.	0.
127	180	T-_K	0.	0.
127	60	G1_D	-0.63	0.33
127	32	G1_D	-0.63	0.33
127	165	G1_D	-0.63	0.33
127	180	G1_D	-0.63	0.33
127	60	G2_D	7.11	0.36
127	32	G2_D	7.11	0.36
127	165	G2_D	7.11	0.36
127	180	G2_D	7.11	0.36
127	60	Q_D	-0.5	0.26
127	32	Q_D	-0.5	0.26
127	165	Q_D	-0.5	0.26
127	180	Q_D	-0.5	0.26
127	60	N_D	-5.960E-02	3.158E-02
127	32	N_D	-5.960E-02	3.158E-02
127	165	N_D	-5.960E-02	3.158E-02
127	180	N_D	-5.960E-02	3.158E-02
127	60	T+_D	0.	0.
127	32	T+_D	0.	0.
127	165	T+_D	0.	0.
127	180	T+_D	0.	0.
127	60	T-_D	0.	0.
127	32	T-_D	0.	0.
127	165	T-_D	0.	0.
127	180	T-_D	0.	0.
127	60	W+_K	0.	0.
127	32	W+_K	0.	0.
127	165	W+_K	0.	0.
127	180	W+_K	0.	0.
127	60	W-_K	0.	0.
127	32	W-_K	0.	0.
127	165	W-_K	0.	0.
127	180	W-_K	0.	0.
127	60	W+_D	0.	0.
127	32	W+_D	0.	0.

Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
127	165	W+_D	0.	0.
127	180	W+_D	0.	0.
127	60	W-_D	0.	0.
127	32	W-_D	0.	0.
127	165	W-_D	0.	0.
127	180	W-_D	0.	0.
127	60	SISMA SLV X	0.4	0.17
127	32	SISMA SLV X	0.4	0.17
127	165	SISMA SLV X	0.4	0.17
127	180	SISMA SLV X	0.4	0.17
127	60	SISMA SLV Y	0.18	0.22
127	32	SISMA SLV Y	0.18	0.22
127	165	SISMA SLV Y	0.18	0.22
127	180	SISMA SLV Y	0.18	0.22
127	60	SISMA SLD X	0.19	8.444E-02
127	32	SISMA SLD X	0.19	8.444E-02
127	165	SISMA SLD X	0.19	8.444E-02
127	180	SISMA SLD X	0.19	8.444E-02
127	60	SISMA SLD Y	8.574E-02	0.11
127	32	SISMA SLD Y	8.574E-02	0.11
127	165	SISMA SLD Y	8.574E-02	0.11
127	180	SISMA SLD Y	8.574E-02	0.11
127	60	SISMA SLO X	0.16	6.994E-02
127	32	SISMA SLO X	0.16	6.994E-02
127	165	SISMA SLO X	0.16	6.994E-02
127	180	SISMA SLO X	0.16	6.994E-02
127	60	SISMA SLO Y	7.103E-02	8.710E-02
127	32	SISMA SLO Y	7.103E-02	8.710E-02
127	165	SISMA SLO Y	7.103E-02	8.710E-02
127	180	SISMA SLO Y	7.103E-02	8.710E-02
127	60	SLT	0.	0.
127	32	SLT	0.	0.
127	165	SLT	0.	0.
127	180	SLT	0.	0.
127	60	~TorsionSISMA SLV X	0.	0.
127	32	~TorsionSISMA SLV X	0.	0.
127	165	~TorsionSISMA SLV X	0.	0.
127	180	~TorsionSISMA SLV X	0.	0.
127	60	~TorsionSISMA SLV Y	0.	0.
127	32	~TorsionSISMA SLV Y	0.	0.
127	165	~TorsionSISMA SLV Y	0.	0.
127	180	~TorsionSISMA SLV Y	0.	0.
127	60	~TorsionSISMA SLD X	0.	0.
127	32	~TorsionSISMA SLD X	0.	0.
127	165	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
127	180	~TorsionSISMA SLD X	0.	0.
127	60	~TorsionSISMA SLD Y	0.	0.
127	32	~TorsionSISMA SLD Y	0.	0.
127	165	~TorsionSISMA SLD Y	0.	0.
127	180	~TorsionSISMA SLD Y	0.	0.
127	60	~TorsionSISMA SLO X	0.	0.
127	32	~TorsionSISMA SLO X	0.	0.
127	165	~TorsionSISMA SLO X	0.	0.
127	180	~TorsionSISMA SLO X	0.	0.
127	60	~TorsionSISMA SLO Y	0.	0.
127	32	~TorsionSISMA SLO Y	0.	0.
127	165	~TorsionSISMA SLO Y	0.	0.
127	180	~TorsionSISMA SLO Y	0.	0.
128	180	G1_K	-0.58	0.8
128	165	G1_K	-0.58	0.8
128	34	G1_K	-0.58	0.8
128	61	G1_K	-0.58	0.8
128	180	G2_K	3.77	0.79
128	165	G2_K	3.77	0.79
128	34	G2_K	3.77	0.79
128	61	G2_K	3.77	0.79
128	180	Q_K	-0.38	0.53
128	165	Q_K	-0.38	0.53
128	34	Q_K	-0.38	0.53
128	61	Q_K	-0.38	0.53
128	180	N_K	-4.613E-02	6.337E-02
128	165	N_K	-4.613E-02	6.337E-02
128	34	N_K	-4.613E-02	6.337E-02
128	61	N_K	-4.613E-02	6.337E-02
128	180	T+_K	0.	0.
128	165	T+_K	0.	0.
128	34	T+_K	0.	0.
128	61	T+_K	0.	0.
128	180	T-_K	0.	0.
128	165	T-_K	0.	0.
128	34	T-_K	0.	0.
128	61	T-_K	0.	0.
128	180	G1_D	-0.75	1.04
128	165	G1_D	-0.75	1.04
128	34	G1_D	-0.75	1.04
128	61	G1_D	-0.75	1.04
128	180	G2_D	4.9	1.02
128	165	G2_D	4.9	1.02
128	34	G2_D	4.9	1.02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
128	61	G2_D	4.9	1.02
128	180	Q_D	-0.58	0.79
128	165	Q_D	-0.58	0.79
128	34	Q_D	-0.58	0.79
128	61	Q_D	-0.58	0.79
128	180	N_D	-6.920E-02	9.506E-02
128	165	N_D	-6.920E-02	9.506E-02
128	34	N_D	-6.920E-02	9.506E-02
128	61	N_D	-6.920E-02	9.506E-02
128	180	T+_D	0.	0.
128	165	T+_D	0.	0.
128	34	T+_D	0.	0.
128	61	T+_D	0.	0.
128	180	T-_D	0.	0.
128	165	T-_D	0.	0.
128	34	T-_D	0.	0.
128	61	T-_D	0.	0.
128	180	W+_K	0.	0.
128	165	W+_K	0.	0.
128	34	W+_K	0.	0.
128	61	W+_K	0.	0.
128	180	W-_K	0.	0.
128	165	W-_K	0.	0.
128	34	W-_K	0.	0.
128	61	W-_K	0.	0.
128	180	W+_D	0.	0.
128	165	W+_D	0.	0.
128	34	W+_D	0.	0.
128	61	W+_D	0.	0.
128	180	W-_D	0.	0.
128	165	W-_D	0.	0.
128	34	W-_D	0.	0.
128	61	W-_D	0.	0.
128	180	SISMA SLV X	0.37	0.1
128	165	SISMA SLV X	0.37	0.1
128	34	SISMA SLV X	0.37	0.1
128	61	SISMA SLV X	0.37	0.1
128	180	SISMA SLV Y	0.18	0.11
128	165	SISMA SLV Y	0.18	0.11
128	34	SISMA SLV Y	0.18	0.11
128	61	SISMA SLV Y	0.18	0.11
128	180	SISMA SLD X	0.18	5.065E-02
128	165	SISMA SLD X	0.18	5.065E-02
128	34	SISMA SLD X	0.18	5.065E-02
128	61	SISMA SLD X	0.18	5.065E-02
128	180	SISMA SLD Y	8.963E-02	5.377E-02
128	165	SISMA SLD Y	8.963E-02	5.377E-02
128	34	SISMA SLD Y	8.963E-02	5.377E-02
128	61	SISMA SLD Y	8.963E-02	5.377E-02
128	180	SISMA SLO X	0.15	4.197E-02
128	165	SISMA SLO X	0.15	4.197E-02
128	34	SISMA SLO X	0.15	4.197E-02
128	61	SISMA SLO X	0.15	4.197E-02
128	180	SISMA SLO Y	7.425E-02	4.453E-02

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
128	165	SISMA SLO Y	7.425E-02	4.453E-02
128	34	SISMA SLO Y	7.425E-02	4.453E-02
128	61	SISMA SLO Y	7.425E-02	4.453E-02
128	180	SLT	0.	0.
128	165	SLT	0.	0.
128	34	SLT	0.	0.
128	61	SLT	0.	0.
128	180	~TorsionSISMA SLV X	0.	0.
128	165	~TorsionSISMA SLV X	0.	0.
128	34	~TorsionSISMA SLV X	0.	0.
128	61	~TorsionSISMA SLV X	0.	0.
128	180	~TorsionSISMA SLV Y	0.	0.
128	165	~TorsionSISMA SLV Y	0.	0.
128	34	~TorsionSISMA SLV Y	0.	0.
128	61	~TorsionSISMA SLV Y	0.	0.
128	180	~TorsionSISMA SLD X	0.	0.
128	165	~TorsionSISMA SLD X	0.	0.
128	34	~TorsionSISMA SLD X	0.	0.
128	61	~TorsionSISMA SLD X	0.	0.
128	180	~TorsionSISMA SLD Y	0.	0.
128	165	~TorsionSISMA SLD Y	0.	0.
128	34	~TorsionSISMA SLD Y	0.	0.
128	61	~TorsionSISMA SLD Y	0.	0.
128	180	~TorsionSISMA SLO X	0.	0.
128	165	~TorsionSISMA SLO X	0.	0.
128	34	~TorsionSISMA SLO X	0.	0.
128	61	~TorsionSISMA SLO X	0.	0.
128	180	~TorsionSISMA SLO Y	0.	0.
128	165	~TorsionSISMA SLO Y	0.	0.
128	34	~TorsionSISMA SLO Y	0.	0.
128	61	~TorsionSISMA SLO Y	0.	0.
129	61	G1_K	-0.62	1.45
129	34	G1_K	-0.62	1.45
129	104	G1_K	-0.62	1.45
129	120	G1_K	-0.62	1.45

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
129	61	G2_K	1.24	1.93
129	34	G2_K	1.24	1.93
129	104	G2_K	1.24	1.93
129	120	G2_K	1.24	1.93
129	61	Q_K	-0.4	0.94
129	34	Q_K	-0.4	0.94
129	104	Q_K	-0.4	0.94
129	120	Q_K	-0.4	0.94
129	61	N_K	-4.833E-02	0.11
129	34	N_K	-4.833E-02	0.11
129	104	N_K	-4.833E-02	0.11
129	120	N_K	-4.833E-02	0.11
129	61	T+_K	0.	0.
129	34	T+_K	0.	0.
129	104	T+_K	0.	0.
129	120	T+_K	0.	0.
129	61	T-_K	0.	0.
129	34	T-_K	0.	0.
129	104	T-_K	0.	0.
129	120	T-_K	0.	0.
129	61	G1_D	-0.8	1.88
129	34	G1_D	-0.8	1.88
129	104	G1_D	-0.8	1.88
129	120	G1_D	-0.8	1.88
129	61	G2_D	1.61	2.51
129	34	G2_D	1.61	2.51
129	104	G2_D	1.61	2.51
129	120	G2_D	1.61	2.51
129	61	Q_D	-0.6	1.41
129	34	Q_D	-0.6	1.41
129	104	Q_D	-0.6	1.41
129	120	Q_D	-0.6	1.41
129	61	N_D	-7.250E-02	0.17
129	34	N_D	-7.250E-02	0.17
129	104	N_D	-7.250E-02	0.17
129	120	N_D	-7.250E-02	0.17
129	61	T+_D	0.	0.
129	34	T+_D	0.	0.
129	104	T+_D	0.	0.
129	120	T+_D	0.	0.
129	61	T-_D	0.	0.
129	34	T-_D	0.	0.
129	104	T-_D	0.	0.
129	120	T-_D	0.	0.
129	61	W+_K	0.	0.
129	34	W+_K	0.	0.
129	104	W+_K	0.	0.
129	120	W+_K	0.	0.
129	61	W-_K	0.	0.
129	34	W-_K	0.	0.
129	104	W-_K	0.	0.
129	120	W-_K	0.	0.
129	61	W+_D	0.	0.
129	34	W+_D	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
129	104	W+_D	0.	0.
129	120	W+_D	0.	0.
129	61	W-_D	0.	0.
129	34	W-_D	0.	0.
129	104	W-_D	0.	0.
129	120	W-_D	0.	0.
129	61	SISMA SLV X	0.21	0.22
129	34	SISMA SLV X	0.21	0.22
129	104	SISMA SLV X	0.21	0.22
129	120	SISMA SLV X	0.21	0.22
129	61	SISMA SLV Y	0.17	0.13
129	34	SISMA SLV Y	0.17	0.13
129	104	SISMA SLV Y	0.17	0.13
129	120	SISMA SLV Y	0.17	0.13
129	61	SISMA SLD X	0.1	0.11
129	34	SISMA SLD X	0.1	0.11
129	104	SISMA SLD X	0.1	0.11
129	120	SISMA SLD X	0.1	0.11
129	61	SISMA SLD Y	8.527E-02	6.371E-02
129	34	SISMA SLD Y	8.527E-02	6.371E-02
129	104	SISMA SLD Y	8.527E-02	6.371E-02
129	120	SISMA SLD Y	8.527E-02	6.371E-02
129	61	SISMA SLO X	8.433E-02	8.861E-02
129	34	SISMA SLO X	8.433E-02	8.861E-02
129	104	SISMA SLO X	8.433E-02	8.861E-02
129	120	SISMA SLO X	8.433E-02	8.861E-02
129	61	SISMA SLO Y	7.063E-02	5.276E-02
129	34	SISMA SLO Y	7.063E-02	5.276E-02
129	104	SISMA SLO Y	7.063E-02	5.276E-02
129	120	SISMA SLO Y	7.063E-02	5.276E-02
129	61	SLT	0.	0.
129	34	SLT	0.	0.
129	104	SLT	0.	0.
129	120	SLT	0.	0.
129	61	~TorsionSISMA SLV X	0.	0.
129	34	~TorsionSISMA SLV X	0.	0.
129	104	~TorsionSISMA SLV X	0.	0.
129	120	~TorsionSISMA SLV X	0.	0.
129	61	~TorsionSISMA SLV Y	0.	0.
129	34	~TorsionSISMA SLV Y	0.	0.
129	104	~TorsionSISMA SLV Y	0.	0.
129	120	~TorsionSISMA SLV Y	0.	0.
129	61	~TorsionSISMA SLD X	0.	0.
129	34	~TorsionSISMA SLD X	0.	0.
129	104	~TorsionSISMA SLD X	0.	0.

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Table 24: Element Forces - Area Shells, Part 3 of 3

Area	Joint	OutputCase	V13 KN/m	V23 KN/m
129	120	~TorsionSISMA SLD X	0.	0.
129	61	~TorsionSISMA SLD Y	0.	0.
129	34	~TorsionSISMA SLD Y	0.	0.
129	104	~TorsionSISMA SLD Y	0.	0.
129	120	~TorsionSISMA SLD Y	0.	0.
129	61	~TorsionSISMA SLO X	0.	0.
129	34	~TorsionSISMA SLO X	0.	0.
129	104	~TorsionSISMA SLO X	0.	0.
129	120	~TorsionSISMA SLO X	0.	0.
129	61	~TorsionSISMA SLO Y	0.	0.
129	34	~TorsionSISMA SLO Y	0.	0.
129	104	~TorsionSISMA SLO Y	0.	0.
129	120	~TorsionSISMA SLO Y	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
1	1	149	G1_K	-24.01	-80.49	44.14
1	1	148	G1_K	-58.44	-39.54	26.1
1	1	1	G1_K	-54.98	28.37	-24.06
1	1	112	G1_K	-21.57	-11.11	-6.02
1	1	149	G2_K	85.87	120.17	-22.78
1	1	148	G2_K	108.39	17.17	-71.12
1	1	1	G2_K	24.31	-55.97	-48.89
1	1	112	G2_K	5.06	43.53	-0.56
1	1	149	Q_K	-15.01	-30.27	28.27
1	1	148	Q_K	-39.65	-14.32	16.76
1	1	1	Q_K	-37.61	31.32	-17.26
1	1	112	Q_K	-13.62	16.32	-5.75
1	1	149	N_K	-1.8	-3.63	3.39
1	1	148	N_K	-4.76	-1.72	2.01
1	1	1	N_K	-4.51	3.76	-2.07
1	1	112	N_K	-1.63	1.96	-0.69
1	1	149	T+_K	0.	0.	0.
1	1	148	T+_K	0.	0.	0.
1	1	1	T+_K	0.	0.	0.
1	1	112	T+_K	0.	0.	0.
1	1	149	T-_K	0.	0.	0.
1	1	148	T-_K	0.	0.	0.
1	1	1	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
1	1	112	T-_K	0.	0.	0.
1	1	149	G1_D	-31.21	-104.64	57.38
1	1	148	G1_D	-75.97	-51.4	33.93
1	1	1	G1_D	-71.48	36.89	-31.28
1	1	112	G1_D	-28.04	-14.44	-7.83
1	1	149	G2_D	111.63	156.22	-29.61
1	1	148	G2_D	140.91	22.33	-92.45
1	1	1	G2_D	31.6	-72.76	-63.56
1	1	112	G2_D	6.58	56.59	-0.72
1	1	149	Q_D	-22.52	-45.4	42.4
1	1	148	Q_D	-59.47	-21.49	25.14
1	1	1	Q_D	-56.41	46.98	-25.89
1	1	112	Q_D	-20.43	24.48	-8.63
1	1	149	N_D	-2.7	-5.45	5.09
1	1	148	N_D	-7.14	-2.58	3.02
1	1	1	N_D	-6.77	5.64	-3.11
1	1	112	N_D	-2.45	2.94	-1.04
1	1	149	T+_D	0.	0.	0.
1	1	148	T+_D	0.	0.	0.
1	1	1	T+_D	0.	0.	0.
1	1	112	T+_D	0.	0.	0.
1	1	149	T-_D	0.	0.	0.
1	1	148	T-_D	0.	0.	0.
1	1	1	T-_D	0.	0.	0.
1	1	112	T-_D	0.	0.	0.
1	1	149	W+_K	0.	0.	0.
1	1	148	W+_K	0.	0.	0.
1	1	1	W+_K	0.	0.	0.
1	1	112	W+_K	0.	0.	0.
1	1	149	W-_K	0.	0.	0.
1	1	148	W-_K	0.	0.	0.
1	1	1	W-_K	0.	0.	0.
1	1	112	W-_K	0.	0.	0.
1	1	149	W+_D	0.	0.	0.
1	1	148	W+_D	0.	0.	0.
1	1	1	W+_D	0.	0.	0.
1	1	112	W+_D	0.	0.	0.
1	1	149	W-_D	0.	0.	0.
1	1	148	W-_D	0.	0.	0.
1	1	1	W-_D	0.	0.	0.
1	1	112	W-_D	0.	0.	0.
1	1	149	SISMA SLV X	14.83	94.92	17.84
1	1	148	SISMA SLV X	18.84	30.38	9.65
1	1	1	SISMA SLV X	20.66	15.75	9.62
1	1	112	SISMA SLV X	12.64	108.53	14.78
1	1	149	SISMA SLV Y	6.91	42.17	10.89
1	1	148	SISMA SLV Y	27.29	34.86	5.68
1	1	1	SISMA SLV Y	28.33	8.84	16.03
1	1	112	SISMA SLV Y	7.52	57.01	14.63
1	1	149	SISMA SLD X	7.25	46.36	8.72
1	1	148	SISMA SLD X	9.2	14.84	4.72
1	1	1	SISMA SLD X	10.09	7.69	4.7
1	1	112	SISMA SLD X	6.17	53.01	7.22
1	1	149	SISMA SLD Y	3.38	20.6	5.32

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
1	1	148	SISMA SLD Y	13.33	17.02	2.77
1	1	1	SISMA SLD Y	13.83	4.32	7.83
1	1	112	SISMA SLD Y	3.67	27.85	7.14
1	1	149	SISMA SLO X	6.	38.41	7.22
1	1	148	SISMA SLO X	7.62	12.29	3.91
1	1	1	SISMA SLO X	8.36	6.38	3.89
1	1	112	SISMA SLO X	5.11	43.92	5.98
1	1	149	SISMA SLO Y	2.8	17.06	4.4
1	1	148	SISMA SLO Y	11.04	14.1	2.3
1	1	1	SISMA SLO Y	11.46	3.58	6.49
1	1	112	SISMA SLO Y	3.04	23.07	5.92
1	1	149	SLT	0.	0.	0.
1	1	148	SLT	0.	0.	0.
1	1	1	SLT	0.	0.	0.
1	1	112	SLT	0.	0.	0.
1	1	149	~TorsionSISMA SLV X	0.	0.	0.
1	1	148	~TorsionSISMA SLV X	0.	0.	0.
1	1	1	~TorsionSISMA SLV X	0.	0.	0.
1	1	112	~TorsionSISMA SLV X	0.	0.	0.
1	1	149	~TorsionSISMA SLV Y	0.	0.	0.
1	1	148	~TorsionSISMA SLV Y	0.	0.	0.
1	1	1	~TorsionSISMA SLV Y	0.	0.	0.
1	1	112	~TorsionSISMA SLV Y	0.	0.	0.
1	1	149	~TorsionSISMA SLD X	0.	0.	0.
1	1	148	~TorsionSISMA SLD X	0.	0.	0.
1	1	1	~TorsionSISMA SLD X	0.	0.	0.
1	1	112	~TorsionSISMA SLD X	0.	0.	0.
1	1	149	~TorsionSISMA SLD Y	0.	0.	0.
1	1	148	~TorsionSISMA SLD Y	0.	0.	0.
1	1	1	~TorsionSISMA SLD Y	0.	0.	0.
1	1	112	~TorsionSISMA SLD Y	0.	0.	0.
1	1	149	~TorsionSISMA SLO X	0.	0.	0.
1	1	148	~TorsionSISMA SLO X	0.	0.	0.
1	1	1	~TorsionSISMA SLO X	0.	0.	0.
1	1	112	~TorsionSISMA SLO X	0.	0.	0.
1	1	149	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
1	1	148	~TorsionSISMA SLO Y	0.	0.	0.
1	1	1	~TorsionSISMA SLO Y	0.	0.	0.
1	1	112	~TorsionSISMA SLO Y	0.	0.	0.
2	2	112	G1_K	-25.75	3.09	-49.47
2	2	1	G1_K	-55.4	-8.82	40.13
2	2	105	G1_K	0.97	93.59	4.71
2	2	110	G1_K	28.01	107.24	-84.9
2	2	112	G2_K	-13.55	-19.54	0.8
2	2	1	G2_K	56.18	73.4	-116.78
2	2	105	G2_K	49.34	32.86	-62.59
2	2	110	G2_K	-18.41	-62.24	55.
2	2	112	Q_K	-20.95	3.28	-34.69
2	2	1	Q_K	-39.18	-0.15	23.19
2	2	105	Q_K	3.5	68.36	2.97
2	2	110	Q_K	20.03	72.92	-54.9
2	2	112	N_K	-2.51	0.39	-4.16
2	2	1	N_K	-4.7	-1.831E-02	2.78
2	2	105	N_K	0.42	8.2	0.36
2	2	110	N_K	2.4	8.75	-6.59
2	2	112	T+_K	0.	0.	0.
2	2	1	T+_K	0.	0.	0.
2	2	105	T+_K	0.	0.	0.
2	2	110	T+_K	0.	0.	0.
2	2	112	T-_K	0.	0.	0.
2	2	1	T-_K	0.	0.	0.
2	2	105	T-_K	0.	0.	0.
2	2	110	T-_K	0.	0.	0.
2	2	112	G1_D	-33.47	4.02	-64.31
2	2	1	G1_D	-72.02	-11.46	52.17
2	2	105	G1_D	1.26	121.66	6.12
2	2	110	G1_D	36.42	139.42	-110.37
2	2	112	G2_D	-17.62	-25.4	1.04
2	2	1	G2_D	73.04	95.43	-151.82
2	2	105	G2_D	64.15	42.72	-81.36
2	2	110	G2_D	-23.94	-80.91	71.5
2	2	112	Q_D	-31.43	4.92	-52.03
2	2	1	Q_D	-58.77	-0.23	34.78
2	2	105	Q_D	5.24	102.54	4.46
2	2	110	Q_D	30.05	109.38	-82.35
2	2	112	N_D	-3.77	0.59	-6.24
2	2	1	N_D	-7.05	-2.746E-02	4.17
2	2	105	N_D	0.63	12.3	0.53
2	2	110	N_D	3.61	13.13	-9.88
2	2	112	T+_D	0.	0.	0.
2	2	1	T+_D	0.	0.	0.
2	2	105	T+_D	0.	0.	0.
2	2	110	T+_D	0.	0.	0.
2	2	112	T-_D	0.	0.	0.
2	2	1	T-_D	0.	0.	0.
2	2	105	T-_D	0.	0.	0.
2	2	110	T-_D	0.	0.	0.
2	2	112	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2	2	1	W+_K	0.	0.	0.
2	2	105	W+_K	0.	0.	0.
2	2	110	W+_K	0.	0.	0.
2	2	112	W-_K	0.	0.	0.
2	2	1	W-_K	0.	0.	0.
2	2	105	W-_K	0.	0.	0.
2	2	110	W-_K	0.	0.	0.
2	2	112	W+_D	0.	0.	0.
2	2	1	W+_D	0.	0.	0.
2	2	105	W+_D	0.	0.	0.
2	2	110	W+_D	0.	0.	0.
2	2	112	W-_D	0.	0.	0.
2	2	1	W-_D	0.	0.	0.
2	2	105	W-_D	0.	0.	0.
2	2	110	W-_D	0.	0.	0.
2	2	112	SISMA SLV X	10.43	33.86	16.94
2	2	1	SISMA SLV X	16.21	5.09	4.36
2	2	105	SISMA SLV X	11.85	18.94	3.39
2	2	110	SISMA SLV X	16.5	49.43	16.51
2	2	112	SISMA SLV Y	14.47	15.63	22.27
2	2	1	SISMA SLV Y	25.87	11.33	2.22
2	2	105	SISMA SLV Y	16.55	18.93	4.11
2	2	110	SISMA SLV Y	27.92	32.62	18.69
2	2	112	SISMA SLD X	5.09	16.54	8.27
2	2	1	SISMA SLD X	7.92	2.49	2.13
2	2	105	SISMA SLD X	5.79	9.25	1.65
2	2	110	SISMA SLD X	8.06	24.15	8.07
2	2	112	SISMA SLD Y	7.07	7.63	10.88
2	2	1	SISMA SLD Y	12.63	5.53	1.08
2	2	105	SISMA SLD Y	8.08	9.25	2.01
2	2	110	SISMA SLD Y	13.64	15.93	9.13
2	2	112	SISMA SLO X	4.22	13.7	6.85
2	2	1	SISMA SLO X	6.56	2.06	1.76
2	2	105	SISMA SLO X	4.8	7.66	1.37
2	2	110	SISMA SLO X	6.68	20.	6.68
2	2	112	SISMA SLO Y	5.85	6.32	9.01
2	2	1	SISMA SLO Y	10.46	4.58	0.9
2	2	105	SISMA SLO Y	6.69	7.66	1.66
2	2	110	SISMA SLO Y	11.3	13.2	7.56
2	2	112	SLT	0.	0.	0.
2	2	1	SLT	0.	0.	0.
2	2	105	SLT	0.	0.	0.
2	2	110	SLT	0.	0.	0.
2	2	112	~TorsionSISMA SLV X	0.	0.	0.
2	2	1	~TorsionSISMA SLV X	0.	0.	0.
2	2	105	~TorsionSISMA SLV X	0.	0.	0.
2	2	110	~TorsionSISMA SLV X	0.	0.	0.
2	2	112	~TorsionSISMA SLV Y	0.	0.	0.
2	2	1	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
2	2	105	~TorsionSISMA SLV Y	0.	0.	0.
2	2	110	~TorsionSISMA SLV Y	0.	0.	0.
2	2	112	~TorsionSISMA SLD X	0.	0.	0.
2	2	1	~TorsionSISMA SLD X	0.	0.	0.
2	2	105	~TorsionSISMA SLD X	0.	0.	0.
2	2	110	~TorsionSISMA SLD X	0.	0.	0.
2	2	112	~TorsionSISMA SLD Y	0.	0.	0.
2	2	1	~TorsionSISMA SLD Y	0.	0.	0.
2	2	105	~TorsionSISMA SLD Y	0.	0.	0.
2	2	110	~TorsionSISMA SLD Y	0.	0.	0.
2	2	112	~TorsionSISMA SLO X	0.	0.	0.
2	2	1	~TorsionSISMA SLO X	0.	0.	0.
2	2	105	~TorsionSISMA SLO X	0.	0.	0.
2	2	110	~TorsionSISMA SLO X	0.	0.	0.
2	2	112	~TorsionSISMA SLO Y	0.	0.	0.
2	2	1	~TorsionSISMA SLO Y	0.	0.	0.
2	2	105	~TorsionSISMA SLO Y	0.	0.	0.
2	2	110	~TorsionSISMA SLO Y	0.	0.	0.
3	3	138	G1_K	-44.43	-16.37	-15.04
3	3	137	G1_K	8.299E-02	-45.63	-3.59
3	3	2	G1_K	11.4	-1.55	9.5
3	3	15	G1_K	-33.18	27.99	-1.95
3	3	138	G2_K	-5.38	-11.6	-16.52
3	3	137	G2_K	3.45	11.37	-33.61
3	3	2	G2_K	-6.28	1.61	-29.65
3	3	15	G2_K	-14.98	-22.31	-12.56
3	3	138	Q_K	-30.48	-0.29	-9.99
3	3	137	Q_K	-0.75	-17.36	-2.13
3	3	2	Q_K	8.82	12.09	6.02
3	3	15	Q_K	-20.93	29.32	-1.83
3	3	138	N_K	-3.66	-3.471E-02	-1.2
3	3	137	N_K	-9.018E-02	-2.08	-0.26
3	3	2	N_K	1.06	1.45	0.72
3	3	15	N_K	-2.51	3.52	-0.22
3	3	138	T+_K	0.	0.	0.
3	3	137	T+_K	0.	0.	0.
3	3	2	T+_K	0.	0.	0.
3	3	15	T+_K	0.	0.	0.
3	3	138	T-_K	0.	0.	0.
3	3	137	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
3	3	2	T-_K	0.	0.	0.
3	3	15	T-_K	0.	0.	0.
3	3	138	G1_D	-57.76	-21.28	-19.55
3	3	137	G1_D	0.11	-59.32	-4.67
3	3	2	G1_D	14.81	-2.02	12.35
3	3	15	G1_D	-43.13	36.38	-2.53
3	3	138	G2_D	-6.99	-15.08	-21.48
3	3	137	G2_D	4.48	14.78	-43.7
3	3	2	G2_D	-8.16	2.09	-38.54
3	3	15	G2_D	-19.47	-29.	-16.32
3	3	138	Q_D	-45.71	-0.43	-14.98
3	3	137	Q_D	-1.13	-26.04	-3.2
3	3	2	Q_D	13.23	18.14	9.04
3	3	15	Q_D	-31.39	43.97	-2.75
3	3	138	N_D	-5.49	-5.206E-02	-1.8
3	3	137	N_D	-0.14	-3.12	-0.38
3	3	2	N_D	1.59	2.18	1.08
3	3	15	N_D	-3.77	5.28	-0.33
3	3	138	T+_D	0.	0.	0.
3	3	137	T+_D	0.	0.	0.
3	3	2	T+_D	0.	0.	0.
3	3	15	T+_D	0.	0.	0.
3	3	138	T-_D	0.	0.	0.
3	3	137	T-_D	0.	0.	0.
3	3	2	T-_D	0.	0.	0.
3	3	15	T-_D	0.	0.	0.
3	3	138	W+_K	0.	0.	0.
3	3	137	W+_K	0.	0.	0.
3	3	2	W+_K	0.	0.	0.
3	3	15	W+_K	0.	0.	0.
3	3	138	W-_K	0.	0.	0.
3	3	137	W-_K	0.	0.	0.
3	3	2	W-_K	0.	0.	0.
3	3	15	W-_K	0.	0.	0.
3	3	138	W+_D	0.	0.	0.
3	3	137	W+_D	0.	0.	0.
3	3	2	W+_D	0.	0.	0.
3	3	15	W+_D	0.	0.	0.
3	3	138	W-_D	0.	0.	0.
3	3	137	W-_D	0.	0.	0.
3	3	2	W-_D	0.	0.	0.
3	3	15	W-_D	0.	0.	0.
3	3	138	SISMA SLV X	27.81	11.03	21.9
3	3	137	SISMA SLV X	6.7	5.28	22.26
3	3	2	SISMA SLV X	8.3	8.28	19.7
3	3	15	SISMA SLV X	24.89	11.89	18.65
3	3	138	SISMA SLV Y	21.97	12.32	14.56
3	3	137	SISMA SLV Y	13.68	11.77	19.63
3	3	2	SISMA SLV Y	18.01	17.05	23.66
3	3	15	SISMA SLV Y	17.62	6.95	17.83
3	3	138	SISMA SLD X	13.58	5.39	10.7
3	3	137	SISMA SLD X	3.27	2.58	10.87
3	3	2	SISMA SLD X	4.06	4.04	9.62
3	3	15	SISMA SLD X	12.16	5.81	9.11

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
3	3	138	SISMA SLD Y	10.73	6.02	7.11
3	3	137	SISMA SLD Y	6.68	5.75	9.59
3	3	2	SISMA SLD Y	8.79	8.33	11.56
3	3	15	SISMA SLD Y	8.61	3.4	8.71
3	3	138	SISMA SLO X	11.25	4.46	8.86
3	3	137	SISMA SLO X	2.71	2.13	9.
3	3	2	SISMA SLO X	3.36	3.35	7.97
3	3	15	SISMA SLO X	10.07	4.81	7.54
3	3	138	SISMA SLO Y	8.89	4.98	5.89
3	3	137	SISMA SLO Y	5.53	4.76	7.94
3	3	2	SISMA SLO Y	7.28	6.9	9.57
3	3	15	SISMA SLO Y	7.13	2.81	7.21
3	3	138	SLT	0.	0.	0.
3	3	137	SLT	0.	0.	0.
3	3	2	SLT	0.	0.	0.
3	3	15	SLT	0.	0.	0.
3	3	138	~TorsionSISMA SLV X	0.	0.	0.
3	3	137	~TorsionSISMA SLV X	0.	0.	0.
3	3	2	~TorsionSISMA SLV X	0.	0.	0.
3	3	15	~TorsionSISMA SLV X	0.	0.	0.
3	3	138	~TorsionSISMA SLV Y	0.	0.	0.
3	3	137	~TorsionSISMA SLV Y	0.	0.	0.
3	3	2	~TorsionSISMA SLV Y	0.	0.	0.
3	3	15	~TorsionSISMA SLV Y	0.	0.	0.
3	3	138	~TorsionSISMA SLD X	0.	0.	0.
3	3	137	~TorsionSISMA SLD X	0.	0.	0.
3	3	2	~TorsionSISMA SLD X	0.	0.	0.
3	3	15	~TorsionSISMA SLD X	0.	0.	0.
3	3	138	~TorsionSISMA SLD Y	0.	0.	0.
3	3	137	~TorsionSISMA SLD Y	0.	0.	0.
3	3	2	~TorsionSISMA SLD Y	0.	0.	0.
3	3	15	~TorsionSISMA SLD Y	0.	0.	0.
3	3	138	~TorsionSISMA SLO X	0.	0.	0.
3	3	137	~TorsionSISMA SLO X	0.	0.	0.
3	3	2	~TorsionSISMA SLO X	0.	0.	0.
3	3	15	~TorsionSISMA SLO X	0.	0.	0.
3	3	138	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
3	3	137	~TorsionSISMA SLO Y	0.	0.	0.
3	3	2	~TorsionSISMA SLO Y	0.	0.	0.
3	3	15	~TorsionSISMA SLO Y	0.	0.	0.
4	4	101	G1_K	0.	0.	0.
4	4	172	G1_K	0.	0.	0.
4	4	3	G1_K	0.	0.	0.
4	4	4	G1_K	0.	0.	0.
4	4	101	G2_K	0.	0.	0.
4	4	172	G2_K	0.	0.	0.
4	4	3	G2_K	0.	0.	0.
4	4	4	G2_K	0.	0.	0.
4	4	101	Q_K	0.	0.	0.
4	4	172	Q_K	0.	0.	0.
4	4	3	Q_K	0.	0.	0.
4	4	4	Q_K	0.	0.	0.
4	4	101	N_K	0.	0.	0.
4	4	172	N_K	0.	0.	0.
4	4	3	N_K	0.	0.	0.
4	4	4	N_K	0.	0.	0.
4	4	101	T+_K	0.	0.	0.
4	4	172	T+_K	0.	0.	0.
4	4	3	T+_K	0.	0.	0.
4	4	4	T+_K	0.	0.	0.
4	4	101	T-_K	0.	0.	0.
4	4	172	T-_K	0.	0.	0.
4	4	3	T-_K	0.	0.	0.
4	4	4	T-_K	0.	0.	0.
4	4	101	G1_D	0.	0.	0.
4	4	172	G1_D	0.	0.	0.
4	4	3	G1_D	0.	0.	0.
4	4	4	G1_D	0.	0.	0.
4	4	101	G2_D	0.	0.	0.
4	4	172	G2_D	0.	0.	0.
4	4	3	G2_D	0.	0.	0.
4	4	4	G2_D	0.	0.	0.
4	4	101	Q_D	0.	0.	0.
4	4	172	Q_D	0.	0.	0.
4	4	3	Q_D	0.	0.	0.
4	4	4	Q_D	0.	0.	0.
4	4	101	N_D	0.	0.	0.
4	4	172	N_D	0.	0.	0.
4	4	3	N_D	0.	0.	0.
4	4	4	N_D	0.	0.	0.
4	4	101	T+_D	0.	0.	0.
4	4	172	T+_D	0.	0.	0.
4	4	3	T+_D	0.	0.	0.
4	4	4	T+_D	0.	0.	0.
4	4	101	T-_D	0.	0.	0.
4	4	172	T-_D	0.	0.	0.
4	4	3	T-_D	0.	0.	0.
4	4	4	T-_D	0.	0.	0.
4	4	101	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
4	4	172	W+_K	0.	0.	0.
4	4	3	W+_K	0.	0.	0.
4	4	4	W+_K	0.	0.	0.
4	4	101	W-_K	0.	0.	0.
4	4	172	W-_K	0.	0.	0.
4	4	3	W-_K	0.	0.	0.
4	4	4	W-_K	0.	0.	0.
4	4	101	W+_D	0.	0.	0.
4	4	172	W+_D	0.	0.	0.
4	4	3	W+_D	0.	0.	0.
4	4	4	W+_D	0.	0.	0.
4	4	101	W-_D	0.	0.	0.
4	4	172	W-_D	0.	0.	0.
4	4	3	W-_D	0.	0.	0.
4	4	4	W-_D	0.	0.	0.
4	4	101	SISMA SLV X	0.	0.	0.
4	4	172	SISMA SLV X	0.	0.	0.
4	4	3	SISMA SLV X	0.	0.	0.
4	4	4	SISMA SLV X	0.	0.	0.
4	4	101	SISMA SLV Y	0.	0.	0.
4	4	172	SISMA SLV Y	0.	0.	0.
4	4	3	SISMA SLV Y	0.	0.	0.
4	4	4	SISMA SLV Y	0.	0.	0.
4	4	101	SISMA SLD X	0.	0.	0.
4	4	172	SISMA SLD X	0.	0.	0.
4	4	3	SISMA SLD X	0.	0.	0.
4	4	4	SISMA SLD X	0.	0.	0.
4	4	101	SISMA SLD Y	0.	0.	0.
4	4	172	SISMA SLD Y	0.	0.	0.
4	4	3	SISMA SLD Y	0.	0.	0.
4	4	4	SISMA SLD Y	0.	0.	0.
4	4	101	SISMA SLO X	0.	0.	0.
4	4	172	SISMA SLO X	0.	0.	0.
4	4	3	SISMA SLO X	0.	0.	0.
4	4	4	SISMA SLO X	0.	0.	0.
4	4	101	SISMA SLO Y	0.	0.	0.
4	4	172	SISMA SLO Y	0.	0.	0.
4	4	3	SISMA SLO Y	0.	0.	0.
4	4	4	SISMA SLO Y	0.	0.	0.
4	4	101	SLT	0.	0.	0.
4	4	172	SLT	0.	0.	0.
4	4	3	SLT	0.	0.	0.
4	4	4	SLT	0.	0.	0.
4	4	101	~TorsionSISMA SLV X	0.	0.	0.
4	4	172	~TorsionSISMA SLV X	0.	0.	0.
4	4	3	~TorsionSISMA SLV X	0.	0.	0.
4	4	4	~TorsionSISMA SLV X	0.	0.	0.
4	4	101	~TorsionSISMA SLV Y	0.	0.	0.
4	4	172	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
4	4	3	~TorsionSISMA SLV Y	0.	0.	0.
4	4	4	~TorsionSISMA SLV Y	0.	0.	0.
4	4	101	~TorsionSISMA SLD X	0.	0.	0.
4	4	172	~TorsionSISMA SLD X	0.	0.	0.
4	4	3	~TorsionSISMA SLD X	0.	0.	0.
4	4	4	~TorsionSISMA SLD X	0.	0.	0.
4	4	101	~TorsionSISMA SLD Y	0.	0.	0.
4	4	172	~TorsionSISMA SLD Y	0.	0.	0.
4	4	3	~TorsionSISMA SLD Y	0.	0.	0.
4	4	4	~TorsionSISMA SLD Y	0.	0.	0.
4	4	101	~TorsionSISMA SLO X	0.	0.	0.
4	4	172	~TorsionSISMA SLO X	0.	0.	0.
4	4	3	~TorsionSISMA SLO X	0.	0.	0.
4	4	4	~TorsionSISMA SLO X	0.	0.	0.
4	4	101	~TorsionSISMA SLO Y	0.	0.	0.
4	4	172	~TorsionSISMA SLO Y	0.	0.	0.
4	4	3	~TorsionSISMA SLO Y	0.	0.	0.
4	4	4	~TorsionSISMA SLO Y	0.	0.	0.
5	5	172	G1_K	0.	0.	0.
5	5	175	G1_K	0.	0.	0.
5	5	5	G1_K	0.	0.	0.
5	5	3	G1_K	0.	0.	0.
5	5	172	G2_K	0.	0.	0.
5	5	175	G2_K	0.	0.	0.
5	5	5	G2_K	0.	0.	0.
5	5	3	G2_K	0.	0.	0.
5	5	172	Q_K	0.	0.	0.
5	5	175	Q_K	0.	0.	0.
5	5	5	Q_K	0.	0.	0.
5	5	3	Q_K	0.	0.	0.
5	5	172	N_K	0.	0.	0.
5	5	175	N_K	0.	0.	0.
5	5	5	N_K	0.	0.	0.
5	5	3	N_K	0.	0.	0.
5	5	172	T+_K	0.	0.	0.
5	5	175	T+_K	0.	0.	0.
5	5	5	T+_K	0.	0.	0.
5	5	3	T+_K	0.	0.	0.
5	5	172	T-_K	0.	0.	0.
5	5	175	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
5	5	5	T-_K	0.	0.	0.
5	5	3	T-_K	0.	0.	0.
5	5	172	G1_D	0.	0.	0.
5	5	175	G1_D	0.	0.	0.
5	5	5	G1_D	0.	0.	0.
5	5	3	G1_D	0.	0.	0.
5	5	172	G2_D	0.	0.	0.
5	5	175	G2_D	0.	0.	0.
5	5	5	G2_D	0.	0.	0.
5	5	3	G2_D	0.	0.	0.
5	5	172	Q_D	0.	0.	0.
5	5	175	Q_D	0.	0.	0.
5	5	5	Q_D	0.	0.	0.
5	5	3	Q_D	0.	0.	0.
5	5	172	N_D	0.	0.	0.
5	5	175	N_D	0.	0.	0.
5	5	5	N_D	0.	0.	0.
5	5	3	N_D	0.	0.	0.
5	5	172	T+_D	0.	0.	0.
5	5	175	T+_D	0.	0.	0.
5	5	5	T+_D	0.	0.	0.
5	5	3	T+_D	0.	0.	0.
5	5	172	T-_D	0.	0.	0.
5	5	175	T-_D	0.	0.	0.
5	5	5	T-_D	0.	0.	0.
5	5	3	T-_D	0.	0.	0.
5	5	172	W+_K	0.	0.	0.
5	5	175	W+_K	0.	0.	0.
5	5	5	W+_K	0.	0.	0.
5	5	3	W+_K	0.	0.	0.
5	5	172	W-_K	0.	0.	0.
5	5	175	W-_K	0.	0.	0.
5	5	5	W-_K	0.	0.	0.
5	5	3	W-_K	0.	0.	0.
5	5	172	W+_D	0.	0.	0.
5	5	175	W+_D	0.	0.	0.
5	5	5	W+_D	0.	0.	0.
5	5	3	W+_D	0.	0.	0.
5	5	172	W-_D	0.	0.	0.
5	5	175	W-_D	0.	0.	0.
5	5	5	W-_D	0.	0.	0.
5	5	3	W-_D	0.	0.	0.
5	5	172	SISMA SLV X	0.	0.	0.
5	5	175	SISMA SLV X	0.	0.	0.
5	5	5	SISMA SLV X	0.	0.	0.
5	5	3	SISMA SLV X	0.	0.	0.
5	5	172	SISMA SLV Y	0.	0.	0.
5	5	175	SISMA SLV Y	0.	0.	0.
5	5	5	SISMA SLV Y	0.	0.	0.
5	5	3	SISMA SLV Y	0.	0.	0.
5	5	172	SISMA SLD X	0.	0.	0.
5	5	175	SISMA SLD X	0.	0.	0.
5	5	5	SISMA SLD X	0.	0.	0.
5	5	3	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
5	5	172	SISMA SLD Y	0.	0.	0.
5	5	175	SISMA SLD Y	0.	0.	0.
5	5	5	SISMA SLD Y	0.	0.	0.
5	5	3	SISMA SLD Y	0.	0.	0.
5	5	172	SISMA SLO X	0.	0.	0.
5	5	175	SISMA SLO X	0.	0.	0.
5	5	5	SISMA SLO X	0.	0.	0.
5	5	3	SISMA SLO X	0.	0.	0.
5	5	172	SISMA SLO Y	0.	0.	0.
5	5	175	SISMA SLO Y	0.	0.	0.
5	5	5	SISMA SLO Y	0.	0.	0.
5	5	3	SISMA SLO Y	0.	0.	0.
5	5	172	SLT	0.	0.	0.
5	5	175	SLT	0.	0.	0.
5	5	5	SLT	0.	0.	0.
5	5	3	SLT	0.	0.	0.
5	5	172	~TorsionSISMA SLV X	0.	0.	0.
5	5	175	~TorsionSISMA SLV X	0.	0.	0.
5	5	5	~TorsionSISMA SLV X	0.	0.	0.
5	5	3	~TorsionSISMA SLV X	0.	0.	0.
5	5	172	~TorsionSISMA SLV Y	0.	0.	0.
5	5	175	~TorsionSISMA SLV Y	0.	0.	0.
5	5	5	~TorsionSISMA SLV Y	0.	0.	0.
5	5	3	~TorsionSISMA SLV Y	0.	0.	0.
5	5	172	~TorsionSISMA SLD X	0.	0.	0.
5	5	175	~TorsionSISMA SLD X	0.	0.	0.
5	5	5	~TorsionSISMA SLD X	0.	0.	0.
5	5	3	~TorsionSISMA SLD X	0.	0.	0.
5	5	172	~TorsionSISMA SLD Y	0.	0.	0.
5	5	175	~TorsionSISMA SLD Y	0.	0.	0.
5	5	5	~TorsionSISMA SLD Y	0.	0.	0.
5	5	3	~TorsionSISMA SLD Y	0.	0.	0.
5	5	172	~TorsionSISMA SLO X	0.	0.	0.
5	5	175	~TorsionSISMA SLO X	0.	0.	0.
5	5	5	~TorsionSISMA SLO X	0.	0.	0.
5	5	3	~TorsionSISMA SLO X	0.	0.	0.
5	5	172	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
5	5	175	~TorsionSISMA SLO Y	0.	0.	0.
5	5	5	~TorsionSISMA SLO Y	0.	0.	0.
5	5	3	~TorsionSISMA SLO Y	0.	0.	0.
6	6	175	G1_K	0.	0.	0.
6	6	178	G1_K	0.	0.	0.
6	6	6	G1_K	0.	0.	0.
6	6	5	G1_K	0.	0.	0.
6	6	175	G2_K	0.	0.	0.
6	6	178	G2_K	0.	0.	0.
6	6	6	G2_K	0.	0.	0.
6	6	5	G2_K	0.	0.	0.
6	6	175	Q_K	0.	0.	0.
6	6	178	Q_K	0.	0.	0.
6	6	6	Q_K	0.	0.	0.
6	6	5	Q_K	0.	0.	0.
6	6	175	N_K	0.	0.	0.
6	6	178	N_K	0.	0.	0.
6	6	6	N_K	0.	0.	0.
6	6	5	N_K	0.	0.	0.
6	6	175	T+_K	0.	0.	0.
6	6	178	T+_K	0.	0.	0.
6	6	6	T+_K	0.	0.	0.
6	6	5	T+_K	0.	0.	0.
6	6	175	T-_K	0.	0.	0.
6	6	178	T-_K	0.	0.	0.
6	6	6	T-_K	0.	0.	0.
6	6	5	T-_K	0.	0.	0.
6	6	175	G1_D	0.	0.	0.
6	6	178	G1_D	0.	0.	0.
6	6	6	G1_D	0.	0.	0.
6	6	5	G1_D	0.	0.	0.
6	6	175	G2_D	0.	0.	0.
6	6	178	G2_D	0.	0.	0.
6	6	6	G2_D	0.	0.	0.
6	6	5	G2_D	0.	0.	0.
6	6	175	Q_D	0.	0.	0.
6	6	178	Q_D	0.	0.	0.
6	6	6	Q_D	0.	0.	0.
6	6	5	Q_D	0.	0.	0.
6	6	175	N_D	0.	0.	0.
6	6	178	N_D	0.	0.	0.
6	6	6	N_D	0.	0.	0.
6	6	5	N_D	0.	0.	0.
6	6	175	T+_D	0.	0.	0.
6	6	178	T+_D	0.	0.	0.
6	6	6	T+_D	0.	0.	0.
6	6	5	T+_D	0.	0.	0.
6	6	175	T-_D	0.	0.	0.
6	6	178	T-_D	0.	0.	0.
6	6	6	T-_D	0.	0.	0.
6	6	5	T-_D	0.	0.	0.
6	6	175	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
6	6	178	W+_K	0.	0.	0.
6	6	6	W+_K	0.	0.	0.
6	6	5	W+_K	0.	0.	0.
6	6	175	W-_K	0.	0.	0.
6	6	178	W-_K	0.	0.	0.
6	6	6	W-_K	0.	0.	0.
6	6	5	W-_K	0.	0.	0.
6	6	175	W+_D	0.	0.	0.
6	6	178	W+_D	0.	0.	0.
6	6	6	W+_D	0.	0.	0.
6	6	5	W+_D	0.	0.	0.
6	6	175	W-_D	0.	0.	0.
6	6	178	W-_D	0.	0.	0.
6	6	6	W-_D	0.	0.	0.
6	6	5	W-_D	0.	0.	0.
6	6	175	SISMA SLV X	0.	0.	0.
6	6	178	SISMA SLV X	0.	0.	0.
6	6	6	SISMA SLV X	0.	0.	0.
6	6	5	SISMA SLV X	0.	0.	0.
6	6	175	SISMA SLV Y	0.	0.	0.
6	6	178	SISMA SLV Y	0.	0.	0.
6	6	6	SISMA SLV Y	0.	0.	0.
6	6	5	SISMA SLV Y	0.	0.	0.
6	6	175	SISMA SLD X	0.	0.	0.
6	6	178	SISMA SLD X	0.	0.	0.
6	6	6	SISMA SLD X	0.	0.	0.
6	6	5	SISMA SLD X	0.	0.	0.
6	6	175	SISMA SLD Y	0.	0.	0.
6	6	178	SISMA SLD Y	0.	0.	0.
6	6	6	SISMA SLD Y	0.	0.	0.
6	6	5	SISMA SLD Y	0.	0.	0.
6	6	175	SISMA SLO X	0.	0.	0.
6	6	178	SISMA SLO X	0.	0.	0.
6	6	6	SISMA SLO X	0.	0.	0.
6	6	5	SISMA SLO X	0.	0.	0.
6	6	175	SISMA SLO Y	0.	0.	0.
6	6	178	SISMA SLO Y	0.	0.	0.
6	6	6	SISMA SLO Y	0.	0.	0.
6	6	5	SISMA SLO Y	0.	0.	0.
6	6	175	SLT	0.	0.	0.
6	6	178	SLT	0.	0.	0.
6	6	6	SLT	0.	0.	0.
6	6	5	SLT	0.	0.	0.
6	6	175	~TorsionSISMA SLV X	0.	0.	0.
6	6	178	~TorsionSISMA SLV X	0.	0.	0.
6	6	6	~TorsionSISMA SLV X	0.	0.	0.
6	6	5	~TorsionSISMA SLV X	0.	0.	0.
6	6	175	~TorsionSISMA SLV Y	0.	0.	0.
6	6	178	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
6	6	6	~TorsionSISMA SLV Y	0.	0.	0.
6	6	5	~TorsionSISMA SLV Y	0.	0.	0.
6	6	175	~TorsionSISMA SLD X	0.	0.	0.
6	6	178	~TorsionSISMA SLD X	0.	0.	0.
6	6	6	~TorsionSISMA SLD X	0.	0.	0.
6	6	5	~TorsionSISMA SLD X	0.	0.	0.
6	6	175	~TorsionSISMA SLD Y	0.	0.	0.
6	6	178	~TorsionSISMA SLD Y	0.	0.	0.
6	6	6	~TorsionSISMA SLD Y	0.	0.	0.
6	6	5	~TorsionSISMA SLD Y	0.	0.	0.
6	6	175	~TorsionSISMA SLO X	0.	0.	0.
6	6	178	~TorsionSISMA SLO X	0.	0.	0.
6	6	6	~TorsionSISMA SLO X	0.	0.	0.
6	6	5	~TorsionSISMA SLO X	0.	0.	0.
6	6	175	~TorsionSISMA SLO Y	0.	0.	0.
6	6	178	~TorsionSISMA SLO Y	0.	0.	0.
6	6	6	~TorsionSISMA SLO Y	0.	0.	0.
6	6	5	~TorsionSISMA SLO Y	0.	0.	0.
7	7	178	G1_K	0.	0.	0.
7	7	100	G1_K	0.	0.	0.
7	7	161	G1_K	0.	0.	0.
7	7	6	G1_K	0.	0.	0.
7	7	178	G2_K	0.	0.	0.
7	7	100	G2_K	0.	0.	0.
7	7	161	G2_K	0.	0.	0.
7	7	6	G2_K	0.	0.	0.
7	7	178	Q_K	0.	0.	0.
7	7	100	Q_K	0.	0.	0.
7	7	161	Q_K	0.	0.	0.
7	7	6	Q_K	0.	0.	0.
7	7	178	N_K	0.	0.	0.
7	7	100	N_K	0.	0.	0.
7	7	161	N_K	0.	0.	0.
7	7	6	N_K	0.	0.	0.
7	7	178	T+_K	0.	0.	0.
7	7	100	T+_K	0.	0.	0.
7	7	161	T+_K	0.	0.	0.
7	7	6	T+_K	0.	0.	0.
7	7	178	T-_K	0.	0.	0.
7	7	100	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
7	7	161	T-_K	0.	0.	0.
7	7	6	T-_K	0.	0.	0.
7	7	178	G1_D	0.	0.	0.
7	7	100	G1_D	0.	0.	0.
7	7	161	G1_D	0.	0.	0.
7	7	6	G1_D	0.	0.	0.
7	7	178	G2_D	0.	0.	0.
7	7	100	G2_D	0.	0.	0.
7	7	161	G2_D	0.	0.	0.
7	7	6	G2_D	0.	0.	0.
7	7	178	Q_D	0.	0.	0.
7	7	100	Q_D	0.	0.	0.
7	7	161	Q_D	0.	0.	0.
7	7	6	Q_D	0.	0.	0.
7	7	178	N_D	0.	0.	0.
7	7	100	N_D	0.	0.	0.
7	7	161	N_D	0.	0.	0.
7	7	6	N_D	0.	0.	0.
7	7	178	T+_D	0.	0.	0.
7	7	100	T+_D	0.	0.	0.
7	7	161	T+_D	0.	0.	0.
7	7	6	T+_D	0.	0.	0.
7	7	178	T-_D	0.	0.	0.
7	7	100	T-_D	0.	0.	0.
7	7	161	T-_D	0.	0.	0.
7	7	6	T-_D	0.	0.	0.
7	7	178	W+_K	0.	0.	0.
7	7	100	W+_K	0.	0.	0.
7	7	161	W+_K	0.	0.	0.
7	7	6	W+_K	0.	0.	0.
7	7	178	W-_K	0.	0.	0.
7	7	100	W-_K	0.	0.	0.
7	7	161	W-_K	0.	0.	0.
7	7	6	W-_K	0.	0.	0.
7	7	178	W+_D	0.	0.	0.
7	7	100	W+_D	0.	0.	0.
7	7	161	W+_D	0.	0.	0.
7	7	6	W+_D	0.	0.	0.
7	7	178	W-_D	0.	0.	0.
7	7	100	W-_D	0.	0.	0.
7	7	161	W-_D	0.	0.	0.
7	7	6	W-_D	0.	0.	0.
7	7	178	SISMA SLV X	0.	0.	0.
7	7	100	SISMA SLV X	0.	0.	0.
7	7	161	SISMA SLV X	0.	0.	0.
7	7	6	SISMA SLV X	0.	0.	0.
7	7	178	SISMA SLV Y	0.	0.	0.
7	7	100	SISMA SLV Y	0.	0.	0.
7	7	161	SISMA SLV Y	0.	0.	0.
7	7	6	SISMA SLV Y	0.	0.	0.
7	7	178	SISMA SLD X	0.	0.	0.
7	7	100	SISMA SLD X	0.	0.	0.
7	7	161	SISMA SLD X	0.	0.	0.
7	7	6	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
7	7	178	SISMA SLD Y	0.	0.	0.
7	7	100	SISMA SLD Y	0.	0.	0.
7	7	161	SISMA SLD Y	0.	0.	0.
7	7	6	SISMA SLD Y	0.	0.	0.
7	7	178	SISMA SLO X	0.	0.	0.
7	7	100	SISMA SLO X	0.	0.	0.
7	7	161	SISMA SLO X	0.	0.	0.
7	7	6	SISMA SLO X	0.	0.	0.
7	7	178	SISMA SLO Y	0.	0.	0.
7	7	100	SISMA SLO Y	0.	0.	0.
7	7	161	SISMA SLO Y	0.	0.	0.
7	7	6	SISMA SLO Y	0.	0.	0.
7	7	178	SLT	0.	0.	0.
7	7	100	SLT	0.	0.	0.
7	7	161	SLT	0.	0.	0.
7	7	6	SLT	0.	0.	0.
7	7	178	~TorsionSISMA SLV X	0.	0.	0.
7	7	100	~TorsionSISMA SLV X	0.	0.	0.
7	7	161	~TorsionSISMA SLV X	0.	0.	0.
7	7	6	~TorsionSISMA SLV X	0.	0.	0.
7	7	178	~TorsionSISMA SLV Y	0.	0.	0.
7	7	100	~TorsionSISMA SLV Y	0.	0.	0.
7	7	161	~TorsionSISMA SLV Y	0.	0.	0.
7	7	6	~TorsionSISMA SLV Y	0.	0.	0.
7	7	178	~TorsionSISMA SLD X	0.	0.	0.
7	7	100	~TorsionSISMA SLD X	0.	0.	0.
7	7	161	~TorsionSISMA SLD X	0.	0.	0.
7	7	6	~TorsionSISMA SLD X	0.	0.	0.
7	7	178	~TorsionSISMA SLD Y	0.	0.	0.
7	7	100	~TorsionSISMA SLD Y	0.	0.	0.
7	7	161	~TorsionSISMA SLD Y	0.	0.	0.
7	7	6	~TorsionSISMA SLD Y	0.	0.	0.
7	7	178	~TorsionSISMA SLO X	0.	0.	0.
7	7	100	~TorsionSISMA SLO X	0.	0.	0.
7	7	161	~TorsionSISMA SLO X	0.	0.	0.
7	7	6	~TorsionSISMA SLO X	0.	0.	0.
7	7	178	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
7	7	100	~TorsionSISMA SLO Y	0.	0.	0.
7	7	161	~TorsionSISMA SLO Y	0.	0.	0.
7	7	6	~TorsionSISMA SLO Y	0.	0.	0.
8	8	4	G1_K	0.	0.	0.
8	8	3	G1_K	0.	0.	0.
8	8	7	G1_K	0.	0.	0.
8	8	8	G1_K	0.	0.	0.
8	8	4	G2_K	0.	0.	0.
8	8	3	G2_K	0.	0.	0.
8	8	7	G2_K	0.	0.	0.
8	8	8	G2_K	0.	0.	0.
8	8	4	Q_K	0.	0.	0.
8	8	3	Q_K	0.	0.	0.
8	8	7	Q_K	0.	0.	0.
8	8	8	Q_K	0.	0.	0.
8	8	4	N_K	0.	0.	0.
8	8	3	N_K	0.	0.	0.
8	8	7	N_K	0.	0.	0.
8	8	8	N_K	0.	0.	0.
8	8	4	T+_K	0.	0.	0.
8	8	3	T+_K	0.	0.	0.
8	8	7	T+_K	0.	0.	0.
8	8	8	T+_K	0.	0.	0.
8	8	4	T-_K	0.	0.	0.
8	8	3	T-_K	0.	0.	0.
8	8	7	T-_K	0.	0.	0.
8	8	8	T-_K	0.	0.	0.
8	8	4	G1_D	0.	0.	0.
8	8	3	G1_D	0.	0.	0.
8	8	7	G1_D	0.	0.	0.
8	8	8	G1_D	0.	0.	0.
8	8	4	G2_D	0.	0.	0.
8	8	3	G2_D	0.	0.	0.
8	8	7	G2_D	0.	0.	0.
8	8	8	G2_D	0.	0.	0.
8	8	4	Q_D	0.	0.	0.
8	8	3	Q_D	0.	0.	0.
8	8	7	Q_D	0.	0.	0.
8	8	8	Q_D	0.	0.	0.
8	8	4	N_D	0.	0.	0.
8	8	3	N_D	0.	0.	0.
8	8	7	N_D	0.	0.	0.
8	8	8	N_D	0.	0.	0.
8	8	4	T+_D	0.	0.	0.
8	8	3	T+_D	0.	0.	0.
8	8	7	T+_D	0.	0.	0.
8	8	8	T+_D	0.	0.	0.
8	8	4	T-_D	0.	0.	0.
8	8	3	T-_D	0.	0.	0.
8	8	7	T-_D	0.	0.	0.
8	8	8	T-_D	0.	0.	0.
8	8	4	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
8	8	3	W+_K	0.	0.	0.
8	8	7	W+_K	0.	0.	0.
8	8	8	W+_K	0.	0.	0.
8	8	4	W-_K	0.	0.	0.
8	8	3	W-_K	0.	0.	0.
8	8	7	W-_K	0.	0.	0.
8	8	8	W-_K	0.	0.	0.
8	8	4	W+_D	0.	0.	0.
8	8	3	W+_D	0.	0.	0.
8	8	7	W+_D	0.	0.	0.
8	8	8	W+_D	0.	0.	0.
8	8	4	W-_D	0.	0.	0.
8	8	3	W-_D	0.	0.	0.
8	8	7	W-_D	0.	0.	0.
8	8	8	W-_D	0.	0.	0.
8	8	4	SISMA SLV X	0.	0.	0.
8	8	3	SISMA SLV X	0.	0.	0.
8	8	7	SISMA SLV X	0.	0.	0.
8	8	8	SISMA SLV X	0.	0.	0.
8	8	4	SISMA SLV Y	0.	0.	0.
8	8	3	SISMA SLV Y	0.	0.	0.
8	8	7	SISMA SLV Y	0.	0.	0.
8	8	8	SISMA SLV Y	0.	0.	0.
8	8	4	SISMA SLD X	0.	0.	0.
8	8	3	SISMA SLD X	0.	0.	0.
8	8	7	SISMA SLD X	0.	0.	0.
8	8	8	SISMA SLD X	0.	0.	0.
8	8	4	SISMA SLD Y	0.	0.	0.
8	8	3	SISMA SLD Y	0.	0.	0.
8	8	7	SISMA SLD Y	0.	0.	0.
8	8	8	SISMA SLD Y	0.	0.	0.
8	8	4	SISMA SLO X	0.	0.	0.
8	8	3	SISMA SLO X	0.	0.	0.
8	8	7	SISMA SLO X	0.	0.	0.
8	8	8	SISMA SLO X	0.	0.	0.
8	8	4	SISMA SLO Y	0.	0.	0.
8	8	3	SISMA SLO Y	0.	0.	0.
8	8	7	SISMA SLO Y	0.	0.	0.
8	8	8	SISMA SLO Y	0.	0.	0.
8	8	4	SLT	0.	0.	0.
8	8	3	SLT	0.	0.	0.
8	8	7	SLT	0.	0.	0.
8	8	8	SLT	0.	0.	0.
8	8	4	~TorsionSISMA SLV X	0.	0.	0.
8	8	3	~TorsionSISMA SLV X	0.	0.	0.
8	8	7	~TorsionSISMA SLV X	0.	0.	0.
8	8	8	~TorsionSISMA SLV X	0.	0.	0.
8	8	4	~TorsionSISMA SLV Y	0.	0.	0.
8	8	3	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
8	8	7	~TorsionSISMA SLV Y	0.	0.	0.
8	8	8	~TorsionSISMA SLV Y	0.	0.	0.
8	8	4	~TorsionSISMA SLD X	0.	0.	0.
8	8	3	~TorsionSISMA SLD X	0.	0.	0.
8	8	7	~TorsionSISMA SLD X	0.	0.	0.
8	8	8	~TorsionSISMA SLD X	0.	0.	0.
8	8	4	~TorsionSISMA SLD Y	0.	0.	0.
8	8	3	~TorsionSISMA SLD Y	0.	0.	0.
8	8	7	~TorsionSISMA SLD Y	0.	0.	0.
8	8	8	~TorsionSISMA SLD Y	0.	0.	0.
8	8	4	~TorsionSISMA SLO X	0.	0.	0.
8	8	3	~TorsionSISMA SLO X	0.	0.	0.
8	8	7	~TorsionSISMA SLO X	0.	0.	0.
8	8	8	~TorsionSISMA SLO X	0.	0.	0.
8	8	4	~TorsionSISMA SLO Y	0.	0.	0.
8	8	3	~TorsionSISMA SLO Y	0.	0.	0.
8	8	7	~TorsionSISMA SLO Y	0.	0.	0.
8	8	8	~TorsionSISMA SLO Y	0.	0.	0.
9	9	3	G1_K	0.	0.	0.
9	9	5	G1_K	0.	0.	0.
9	9	9	G1_K	0.	0.	0.
9	9	7	G1_K	0.	0.	0.
9	9	3	G2_K	0.	0.	0.
9	9	5	G2_K	0.	0.	0.
9	9	9	G2_K	0.	0.	0.
9	9	7	G2_K	0.	0.	0.
9	9	3	Q_K	0.	0.	0.
9	9	5	Q_K	0.	0.	0.
9	9	9	Q_K	0.	0.	0.
9	9	7	Q_K	0.	0.	0.
9	9	3	N_K	0.	0.	0.
9	9	5	N_K	0.	0.	0.
9	9	9	N_K	0.	0.	0.
9	9	7	N_K	0.	0.	0.
9	9	3	T+_K	0.	0.	0.
9	9	5	T+_K	0.	0.	0.
9	9	9	T+_K	0.	0.	0.
9	9	7	T+_K	0.	0.	0.
9	9	3	T-_K	0.	0.	0.
9	9	5	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
9	9	9	T-_K	0.	0.	0.
9	9	7	T-_K	0.	0.	0.
9	9	3	G1_D	0.	0.	0.
9	9	5	G1_D	0.	0.	0.
9	9	9	G1_D	0.	0.	0.
9	9	7	G1_D	0.	0.	0.
9	9	3	G2_D	0.	0.	0.
9	9	5	G2_D	0.	0.	0.
9	9	9	G2_D	0.	0.	0.
9	9	7	G2_D	0.	0.	0.
9	9	3	Q_D	0.	0.	0.
9	9	5	Q_D	0.	0.	0.
9	9	9	Q_D	0.	0.	0.
9	9	7	Q_D	0.	0.	0.
9	9	3	N_D	0.	0.	0.
9	9	5	N_D	0.	0.	0.
9	9	9	N_D	0.	0.	0.
9	9	7	N_D	0.	0.	0.
9	9	3	T+_D	0.	0.	0.
9	9	5	T+_D	0.	0.	0.
9	9	9	T+_D	0.	0.	0.
9	9	7	T+_D	0.	0.	0.
9	9	3	T-_D	0.	0.	0.
9	9	5	T-_D	0.	0.	0.
9	9	9	T-_D	0.	0.	0.
9	9	7	T-_D	0.	0.	0.
9	9	3	W+_K	0.	0.	0.
9	9	5	W+_K	0.	0.	0.
9	9	9	W+_K	0.	0.	0.
9	9	7	W+_K	0.	0.	0.
9	9	3	W-_K	0.	0.	0.
9	9	5	W-_K	0.	0.	0.
9	9	9	W-_K	0.	0.	0.
9	9	7	W-_K	0.	0.	0.
9	9	3	W+_D	0.	0.	0.
9	9	5	W+_D	0.	0.	0.
9	9	9	W+_D	0.	0.	0.
9	9	7	W+_D	0.	0.	0.
9	9	3	W-_D	0.	0.	0.
9	9	5	W-_D	0.	0.	0.
9	9	9	W-_D	0.	0.	0.
9	9	7	W-_D	0.	0.	0.
9	9	3	SISMA SLV X	0.	0.	0.
9	9	5	SISMA SLV X	0.	0.	0.
9	9	9	SISMA SLV X	0.	0.	0.
9	9	7	SISMA SLV X	0.	0.	0.
9	9	3	SISMA SLV Y	0.	0.	0.
9	9	5	SISMA SLV Y	0.	0.	0.
9	9	9	SISMA SLV Y	0.	0.	0.
9	9	7	SISMA SLV Y	0.	0.	0.
9	9	3	SISMA SLD X	0.	0.	0.
9	9	5	SISMA SLD X	0.	0.	0.
9	9	9	SISMA SLD X	0.	0.	0.
9	9	7	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
9	9	3	SISMA SLD Y	0.	0.	0.
9	9	5	SISMA SLD Y	0.	0.	0.
9	9	9	SISMA SLD Y	0.	0.	0.
9	9	7	SISMA SLD Y	0.	0.	0.
9	9	3	SISMA SLO X	0.	0.	0.
9	9	5	SISMA SLO X	0.	0.	0.
9	9	9	SISMA SLO X	0.	0.	0.
9	9	7	SISMA SLO X	0.	0.	0.
9	9	3	SISMA SLO Y	0.	0.	0.
9	9	5	SISMA SLO Y	0.	0.	0.
9	9	9	SISMA SLO Y	0.	0.	0.
9	9	7	SISMA SLO Y	0.	0.	0.
9	9	3	SLT	0.	0.	0.
9	9	5	SLT	0.	0.	0.
9	9	9	SLT	0.	0.	0.
9	9	7	SLT	0.	0.	0.
9	9	3	~TorsionSISMA SLV X	0.	0.	0.
9	9	5	~TorsionSISMA SLV X	0.	0.	0.
9	9	9	~TorsionSISMA SLV X	0.	0.	0.
9	9	7	~TorsionSISMA SLV X	0.	0.	0.
9	9	3	~TorsionSISMA SLV Y	0.	0.	0.
9	9	5	~TorsionSISMA SLV Y	0.	0.	0.
9	9	9	~TorsionSISMA SLV Y	0.	0.	0.
9	9	7	~TorsionSISMA SLV Y	0.	0.	0.
9	9	3	~TorsionSISMA SLD X	0.	0.	0.
9	9	5	~TorsionSISMA SLD X	0.	0.	0.
9	9	9	~TorsionSISMA SLD X	0.	0.	0.
9	9	7	~TorsionSISMA SLD X	0.	0.	0.
9	9	3	~TorsionSISMA SLD Y	0.	0.	0.
9	9	5	~TorsionSISMA SLD Y	0.	0.	0.
9	9	9	~TorsionSISMA SLD Y	0.	0.	0.
9	9	7	~TorsionSISMA SLD Y	0.	0.	0.
9	9	3	~TorsionSISMA SLO X	0.	0.	0.
9	9	5	~TorsionSISMA SLO X	0.	0.	0.
9	9	9	~TorsionSISMA SLO X	0.	0.	0.
9	9	7	~TorsionSISMA SLO X	0.	0.	0.
9	9	3	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
9	9	5	~TorsionSISMA SLO Y	0.	0.	0.
9	9	9	~TorsionSISMA SLO Y	0.	0.	0.
9	9	7	~TorsionSISMA SLO Y	0.	0.	0.
10	10	5	G1_K	0.	0.	0.
10	10	6	G1_K	0.	0.	0.
10	10	10	G1_K	0.	0.	0.
10	10	9	G1_K	0.	0.	0.
10	10	5	G2_K	0.	0.	0.
10	10	6	G2_K	0.	0.	0.
10	10	10	G2_K	0.	0.	0.
10	10	9	G2_K	0.	0.	0.
10	10	5	Q_K	0.	0.	0.
10	10	6	Q_K	0.	0.	0.
10	10	10	Q_K	0.	0.	0.
10	10	9	Q_K	0.	0.	0.
10	10	5	N_K	0.	0.	0.
10	10	6	N_K	0.	0.	0.
10	10	10	N_K	0.	0.	0.
10	10	9	N_K	0.	0.	0.
10	10	5	T+_K	0.	0.	0.
10	10	6	T+_K	0.	0.	0.
10	10	10	T+_K	0.	0.	0.
10	10	9	T+_K	0.	0.	0.
10	10	5	T-_K	0.	0.	0.
10	10	6	T-_K	0.	0.	0.
10	10	10	T-_K	0.	0.	0.
10	10	9	T-_K	0.	0.	0.
10	10	5	G1_D	0.	0.	0.
10	10	6	G1_D	0.	0.	0.
10	10	10	G1_D	0.	0.	0.
10	10	9	G1_D	0.	0.	0.
10	10	5	G2_D	0.	0.	0.
10	10	6	G2_D	0.	0.	0.
10	10	10	G2_D	0.	0.	0.
10	10	9	G2_D	0.	0.	0.
10	10	5	Q_D	0.	0.	0.
10	10	6	Q_D	0.	0.	0.
10	10	10	Q_D	0.	0.	0.
10	10	9	Q_D	0.	0.	0.
10	10	5	N_D	0.	0.	0.
10	10	6	N_D	0.	0.	0.
10	10	10	N_D	0.	0.	0.
10	10	9	N_D	0.	0.	0.
10	10	5	T+_D	0.	0.	0.
10	10	6	T+_D	0.	0.	0.
10	10	10	T+_D	0.	0.	0.
10	10	9	T+_D	0.	0.	0.
10	10	5	T-_D	0.	0.	0.
10	10	6	T-_D	0.	0.	0.
10	10	10	T-_D	0.	0.	0.
10	10	9	T-_D	0.	0.	0.
10	10	5	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
10	10	6	W+_K	0.	0.	0.
10	10	10	W+_K	0.	0.	0.
10	10	9	W+_K	0.	0.	0.
10	10	5	W-_K	0.	0.	0.
10	10	6	W-_K	0.	0.	0.
10	10	10	W-_K	0.	0.	0.
10	10	9	W-_K	0.	0.	0.
10	10	5	W+_D	0.	0.	0.
10	10	6	W+_D	0.	0.	0.
10	10	10	W+_D	0.	0.	0.
10	10	9	W+_D	0.	0.	0.
10	10	5	W-_D	0.	0.	0.
10	10	6	W-_D	0.	0.	0.
10	10	10	W-_D	0.	0.	0.
10	10	9	W-_D	0.	0.	0.
10	10	5	SISMA SLV X	0.	0.	0.
10	10	6	SISMA SLV X	0.	0.	0.
10	10	10	SISMA SLV X	0.	0.	0.
10	10	9	SISMA SLV X	0.	0.	0.
10	10	5	SISMA SLV Y	0.	0.	0.
10	10	6	SISMA SLV Y	0.	0.	0.
10	10	10	SISMA SLV Y	0.	0.	0.
10	10	9	SISMA SLV Y	0.	0.	0.
10	10	5	SISMA SLD X	0.	0.	0.
10	10	6	SISMA SLD X	0.	0.	0.
10	10	10	SISMA SLD X	0.	0.	0.
10	10	9	SISMA SLD X	0.	0.	0.
10	10	5	SISMA SLD Y	0.	0.	0.
10	10	6	SISMA SLD Y	0.	0.	0.
10	10	10	SISMA SLD Y	0.	0.	0.
10	10	9	SISMA SLD Y	0.	0.	0.
10	10	5	SISMA SLO X	0.	0.	0.
10	10	6	SISMA SLO X	0.	0.	0.
10	10	10	SISMA SLO X	0.	0.	0.
10	10	9	SISMA SLO X	0.	0.	0.
10	10	5	SISMA SLO Y	0.	0.	0.
10	10	6	SISMA SLO Y	0.	0.	0.
10	10	10	SISMA SLO Y	0.	0.	0.
10	10	9	SISMA SLO Y	0.	0.	0.
10	10	5	SLT	0.	0.	0.
10	10	6	SLT	0.	0.	0.
10	10	10	SLT	0.	0.	0.
10	10	9	SLT	0.	0.	0.
10	10	5	~TorsionSISMA SLV X	0.	0.	0.
10	10	6	~TorsionSISMA SLV X	0.	0.	0.
10	10	10	~TorsionSISMA SLV X	0.	0.	0.
10	10	9	~TorsionSISMA SLV X	0.	0.	0.
10	10	5	~TorsionSISMA SLV Y	0.	0.	0.
10	10	6	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
10	10	10	~TorsionSISMA SLV Y	0.	0.	0.
10	10	9	~TorsionSISMA SLV Y	0.	0.	0.
10	10	5	~TorsionSISMA SLD X	0.	0.	0.
10	10	6	~TorsionSISMA SLD X	0.	0.	0.
10	10	10	~TorsionSISMA SLD X	0.	0.	0.
10	10	9	~TorsionSISMA SLD X	0.	0.	0.
10	10	5	~TorsionSISMA SLD Y	0.	0.	0.
10	10	6	~TorsionSISMA SLD Y	0.	0.	0.
10	10	10	~TorsionSISMA SLD Y	0.	0.	0.
10	10	9	~TorsionSISMA SLD Y	0.	0.	0.
10	10	5	~TorsionSISMA SLO X	0.	0.	0.
10	10	6	~TorsionSISMA SLO X	0.	0.	0.
10	10	10	~TorsionSISMA SLO X	0.	0.	0.
10	10	9	~TorsionSISMA SLO X	0.	0.	0.
10	10	5	~TorsionSISMA SLO Y	0.	0.	0.
10	10	6	~TorsionSISMA SLO Y	0.	0.	0.
10	10	10	~TorsionSISMA SLO Y	0.	0.	0.
10	10	9	~TorsionSISMA SLO Y	0.	0.	0.
11	11	6	G1_K	0.	0.	0.
11	11	161	G1_K	0.	0.	0.
11	11	166	G1_K	0.	0.	0.
11	11	10	G1_K	0.	0.	0.
11	11	6	G2_K	0.	0.	0.
11	11	161	G2_K	0.	0.	0.
11	11	166	G2_K	0.	0.	0.
11	11	10	G2_K	0.	0.	0.
11	11	6	Q_K	0.	0.	0.
11	11	161	Q_K	0.	0.	0.
11	11	166	Q_K	0.	0.	0.
11	11	10	Q_K	0.	0.	0.
11	11	6	N_K	0.	0.	0.
11	11	161	N_K	0.	0.	0.
11	11	166	N_K	0.	0.	0.
11	11	10	N_K	0.	0.	0.
11	11	6	T+_K	0.	0.	0.
11	11	161	T+_K	0.	0.	0.
11	11	166	T+_K	0.	0.	0.
11	11	10	T+_K	0.	0.	0.
11	11	6	T-_K	0.	0.	0.
11	11	161	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
11	11	166	T-_K	0.	0.	0.
11	11	10	T-_K	0.	0.	0.
11	11	6	G1_D	0.	0.	0.
11	11	161	G1_D	0.	0.	0.
11	11	166	G1_D	0.	0.	0.
11	11	10	G1_D	0.	0.	0.
11	11	6	G2_D	0.	0.	0.
11	11	161	G2_D	0.	0.	0.
11	11	166	G2_D	0.	0.	0.
11	11	10	G2_D	0.	0.	0.
11	11	6	Q_D	0.	0.	0.
11	11	161	Q_D	0.	0.	0.
11	11	166	Q_D	0.	0.	0.
11	11	10	Q_D	0.	0.	0.
11	11	6	N_D	0.	0.	0.
11	11	161	N_D	0.	0.	0.
11	11	166	N_D	0.	0.	0.
11	11	10	N_D	0.	0.	0.
11	11	6	T+_D	0.	0.	0.
11	11	161	T+_D	0.	0.	0.
11	11	166	T+_D	0.	0.	0.
11	11	10	T+_D	0.	0.	0.
11	11	6	T-_D	0.	0.	0.
11	11	161	T-_D	0.	0.	0.
11	11	166	T-_D	0.	0.	0.
11	11	10	T-_D	0.	0.	0.
11	11	6	W+_K	0.	0.	0.
11	11	161	W+_K	0.	0.	0.
11	11	166	W+_K	0.	0.	0.
11	11	10	W+_K	0.	0.	0.
11	11	6	W-_K	0.	0.	0.
11	11	161	W-_K	0.	0.	0.
11	11	166	W-_K	0.	0.	0.
11	11	10	W-_K	0.	0.	0.
11	11	6	W+_D	0.	0.	0.
11	11	161	W+_D	0.	0.	0.
11	11	166	W+_D	0.	0.	0.
11	11	10	W+_D	0.	0.	0.
11	11	6	W-_D	0.	0.	0.
11	11	161	W-_D	0.	0.	0.
11	11	166	W-_D	0.	0.	0.
11	11	10	W-_D	0.	0.	0.
11	11	6	SISMA SLV X	0.	0.	0.
11	11	161	SISMA SLV X	0.	0.	0.
11	11	166	SISMA SLV X	0.	0.	0.
11	11	10	SISMA SLV X	0.	0.	0.
11	11	6	SISMA SLV Y	0.	0.	0.
11	11	161	SISMA SLV Y	0.	0.	0.
11	11	166	SISMA SLV Y	0.	0.	0.
11	11	10	SISMA SLV Y	0.	0.	0.
11	11	6	SISMA SLD X	0.	0.	0.
11	11	161	SISMA SLD X	0.	0.	0.
11	11	166	SISMA SLD X	0.	0.	0.
11	11	10	SISMA SLD X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
11	11	6	SISMA SLD Y	0.	0.	0.
11	11	161	SISMA SLD Y	0.	0.	0.
11	11	166	SISMA SLD Y	0.	0.	0.
11	11	10	SISMA SLD Y	0.	0.	0.
11	11	6	SISMA SLO X	0.	0.	0.
11	11	161	SISMA SLO X	0.	0.	0.
11	11	166	SISMA SLO X	0.	0.	0.
11	11	10	SISMA SLO X	0.	0.	0.
11	11	6	SISMA SLO Y	0.	0.	0.
11	11	161	SISMA SLO Y	0.	0.	0.
11	11	166	SISMA SLO Y	0.	0.	0.
11	11	10	SISMA SLO Y	0.	0.	0.
11	11	6	SLT	0.	0.	0.
11	11	161	SLT	0.	0.	0.
11	11	166	SLT	0.	0.	0.
11	11	10	SLT	0.	0.	0.
11	11	6	~TorsionSISMA SLV X	0.	0.	0.
11	11	161	~TorsionSISMA SLV X	0.	0.	0.
11	11	166	~TorsionSISMA SLV X	0.	0.	0.
11	11	10	~TorsionSISMA SLV X	0.	0.	0.
11	11	6	~TorsionSISMA SLV Y	0.	0.	0.
11	11	161	~TorsionSISMA SLV Y	0.	0.	0.
11	11	166	~TorsionSISMA SLV Y	0.	0.	0.
11	11	10	~TorsionSISMA SLV Y	0.	0.	0.
11	11	6	~TorsionSISMA SLD X	0.	0.	0.
11	11	161	~TorsionSISMA SLD X	0.	0.	0.
11	11	166	~TorsionSISMA SLD X	0.	0.	0.
11	11	10	~TorsionSISMA SLD X	0.	0.	0.
11	11	6	~TorsionSISMA SLD Y	0.	0.	0.
11	11	161	~TorsionSISMA SLD Y	0.	0.	0.
11	11	166	~TorsionSISMA SLD Y	0.	0.	0.
11	11	10	~TorsionSISMA SLD Y	0.	0.	0.
11	11	6	~TorsionSISMA SLO X	0.	0.	0.
11	11	161	~TorsionSISMA SLO X	0.	0.	0.
11	11	166	~TorsionSISMA SLO X	0.	0.	0.
11	11	10	~TorsionSISMA SLO X	0.	0.	0.
11	11	6	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
11	11	161	~TorsionSISMA SLO Y	0.	0.	0.
11	11	166	~TorsionSISMA SLO Y	0.	0.	0.
11	11	10	~TorsionSISMA SLO Y	0.	0.	0.
12	12	8	G1_K	0.	0.	0.
12	12	7	G1_K	0.	0.	0.
12	12	11	G1_K	0.	0.	0.
12	12	12	G1_K	0.	0.	0.
12	12	8	G2_K	0.	0.	0.
12	12	7	G2_K	0.	0.	0.
12	12	11	G2_K	0.	0.	0.
12	12	12	G2_K	0.	0.	0.
12	12	8	Q_K	0.	0.	0.
12	12	7	Q_K	0.	0.	0.
12	12	11	Q_K	0.	0.	0.
12	12	12	Q_K	0.	0.	0.
12	12	8	N_K	0.	0.	0.
12	12	7	N_K	0.	0.	0.
12	12	11	N_K	0.	0.	0.
12	12	12	N_K	0.	0.	0.
12	12	8	T+_K	0.	0.	0.
12	12	7	T+_K	0.	0.	0.
12	12	11	T+_K	0.	0.	0.
12	12	12	T+_K	0.	0.	0.
12	12	8	T-_K	0.	0.	0.
12	12	7	T-_K	0.	0.	0.
12	12	11	T-_K	0.	0.	0.
12	12	12	T-_K	0.	0.	0.
12	12	8	G1_D	0.	0.	0.
12	12	7	G1_D	0.	0.	0.
12	12	11	G1_D	0.	0.	0.
12	12	12	G1_D	0.	0.	0.
12	12	8	G2_D	0.	0.	0.
12	12	7	G2_D	0.	0.	0.
12	12	11	G2_D	0.	0.	0.
12	12	12	G2_D	0.	0.	0.
12	12	8	Q_D	0.	0.	0.
12	12	7	Q_D	0.	0.	0.
12	12	11	Q_D	0.	0.	0.
12	12	12	Q_D	0.	0.	0.
12	12	8	N_D	0.	0.	0.
12	12	7	N_D	0.	0.	0.
12	12	11	N_D	0.	0.	0.
12	12	12	N_D	0.	0.	0.
12	12	8	T+_D	0.	0.	0.
12	12	7	T+_D	0.	0.	0.
12	12	11	T+_D	0.	0.	0.
12	12	12	T+_D	0.	0.	0.
12	12	8	T-_D	0.	0.	0.
12	12	7	T-_D	0.	0.	0.
12	12	11	T-_D	0.	0.	0.
12	12	12	T-_D	0.	0.	0.
12	12	8	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
12	12	7	W+_K	0.	0.	0.
12	12	11	W+_K	0.	0.	0.
12	12	12	W+_K	0.	0.	0.
12	12	8	W-_K	0.	0.	0.
12	12	7	W-_K	0.	0.	0.
12	12	11	W-_K	0.	0.	0.
12	12	12	W-_K	0.	0.	0.
12	12	8	W+_D	0.	0.	0.
12	12	7	W+_D	0.	0.	0.
12	12	11	W+_D	0.	0.	0.
12	12	12	W+_D	0.	0.	0.
12	12	8	W-_D	0.	0.	0.
12	12	7	W-_D	0.	0.	0.
12	12	11	W-_D	0.	0.	0.
12	12	12	W-_D	0.	0.	0.
12	12	8	SISMA SLV X	0.	0.	0.
12	12	7	SISMA SLV X	0.	0.	0.
12	12	11	SISMA SLV X	0.	0.	0.
12	12	12	SISMA SLV X	0.	0.	0.
12	12	8	SISMA SLV Y	0.	0.	0.
12	12	7	SISMA SLV Y	0.	0.	0.
12	12	11	SISMA SLV Y	0.	0.	0.
12	12	12	SISMA SLV Y	0.	0.	0.
12	12	8	SISMA SLD X	0.	0.	0.
12	12	7	SISMA SLD X	0.	0.	0.
12	12	11	SISMA SLD X	0.	0.	0.
12	12	12	SISMA SLD X	0.	0.	0.
12	12	8	SISMA SLD Y	0.	0.	0.
12	12	7	SISMA SLD Y	0.	0.	0.
12	12	11	SISMA SLD Y	0.	0.	0.
12	12	12	SISMA SLD Y	0.	0.	0.
12	12	8	SISMA SLO X	0.	0.	0.
12	12	7	SISMA SLO X	0.	0.	0.
12	12	11	SISMA SLO X	0.	0.	0.
12	12	12	SISMA SLO X	0.	0.	0.
12	12	8	SISMA SLO Y	0.	0.	0.
12	12	7	SISMA SLO Y	0.	0.	0.
12	12	11	SISMA SLO Y	0.	0.	0.
12	12	12	SISMA SLO Y	0.	0.	0.
12	12	8	SLT	0.	0.	0.
12	12	7	SLT	0.	0.	0.
12	12	11	SLT	0.	0.	0.
12	12	12	SLT	0.	0.	0.
12	12	8	~TorsionSISMA SLV X	0.	0.	0.
12	12	7	~TorsionSISMA SLV X	0.	0.	0.
12	12	11	~TorsionSISMA SLV X	0.	0.	0.
12	12	12	~TorsionSISMA SLV X	0.	0.	0.
12	12	8	~TorsionSISMA SLV Y	0.	0.	0.
12	12	7	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
12	12	11	~TorsionSISMA SLV Y	0.	0.	0.
12	12	12	~TorsionSISMA SLV Y	0.	0.	0.
12	12	8	~TorsionSISMA SLD X	0.	0.	0.
12	12	7	~TorsionSISMA SLD X	0.	0.	0.
12	12	11	~TorsionSISMA SLD X	0.	0.	0.
12	12	12	~TorsionSISMA SLD X	0.	0.	0.
12	12	8	~TorsionSISMA SLD Y	0.	0.	0.
12	12	7	~TorsionSISMA SLD Y	0.	0.	0.
12	12	11	~TorsionSISMA SLD Y	0.	0.	0.
12	12	12	~TorsionSISMA SLD Y	0.	0.	0.
12	12	8	~TorsionSISMA SLO X	0.	0.	0.
12	12	7	~TorsionSISMA SLO X	0.	0.	0.
12	12	11	~TorsionSISMA SLO X	0.	0.	0.
12	12	12	~TorsionSISMA SLO X	0.	0.	0.
12	12	8	~TorsionSISMA SLO Y	0.	0.	0.
12	12	7	~TorsionSISMA SLO Y	0.	0.	0.
12	12	11	~TorsionSISMA SLO Y	0.	0.	0.
12	12	12	~TorsionSISMA SLO Y	0.	0.	0.
13	13	7	G1_K	0.	0.	0.
13	13	9	G1_K	0.	0.	0.
13	13	13	G1_K	0.	0.	0.
13	13	11	G1_K	0.	0.	0.
13	13	7	G2_K	0.	0.	0.
13	13	9	G2_K	0.	0.	0.
13	13	13	G2_K	0.	0.	0.
13	13	11	G2_K	0.	0.	0.
13	13	7	Q_K	0.	0.	0.
13	13	9	Q_K	0.	0.	0.
13	13	13	Q_K	0.	0.	0.
13	13	11	Q_K	0.	0.	0.
13	13	7	N_K	0.	0.	0.
13	13	9	N_K	0.	0.	0.
13	13	13	N_K	0.	0.	0.
13	13	11	N_K	0.	0.	0.
13	13	7	T+_K	0.	0.	0.
13	13	9	T+_K	0.	0.	0.
13	13	13	T+_K	0.	0.	0.
13	13	11	T+_K	0.	0.	0.
13	13	7	T-_K	0.	0.	0.
13	13	9	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
13	13	13	T-_K	0.	0.	0.
13	13	11	T-_K	0.	0.	0.
13	13	7	G1_D	0.	0.	0.
13	13	9	G1_D	0.	0.	0.
13	13	13	G1_D	0.	0.	0.
13	13	11	G1_D	0.	0.	0.
13	13	7	G2_D	0.	0.	0.
13	13	9	G2_D	0.	0.	0.
13	13	13	G2_D	0.	0.	0.
13	13	11	G2_D	0.	0.	0.
13	13	7	Q_D	0.	0.	0.
13	13	9	Q_D	0.	0.	0.
13	13	13	Q_D	0.	0.	0.
13	13	11	Q_D	0.	0.	0.
13	13	7	N_D	0.	0.	0.
13	13	9	N_D	0.	0.	0.
13	13	13	N_D	0.	0.	0.
13	13	11	N_D	0.	0.	0.
13	13	7	T+_D	0.	0.	0.
13	13	9	T+_D	0.	0.	0.
13	13	13	T+_D	0.	0.	0.
13	13	11	T+_D	0.	0.	0.
13	13	7	T-_D	0.	0.	0.
13	13	9	T-_D	0.	0.	0.
13	13	13	T-_D	0.	0.	0.
13	13	11	T-_D	0.	0.	0.
13	13	7	W+_K	0.	0.	0.
13	13	9	W+_K	0.	0.	0.
13	13	13	W+_K	0.	0.	0.
13	13	11	W+_K	0.	0.	0.
13	13	7	W-_K	0.	0.	0.
13	13	9	W-_K	0.	0.	0.
13	13	13	W-_K	0.	0.	0.
13	13	11	W-_K	0.	0.	0.
13	13	7	W+_D	0.	0.	0.
13	13	9	W+_D	0.	0.	0.
13	13	13	W+_D	0.	0.	0.
13	13	11	W+_D	0.	0.	0.
13	13	7	W-_D	0.	0.	0.
13	13	9	W-_D	0.	0.	0.
13	13	13	W-_D	0.	0.	0.
13	13	11	W-_D	0.	0.	0.
13	13	7	SISMA SLV X	0.	0.	0.
13	13	9	SISMA SLV X	0.	0.	0.
13	13	13	SISMA SLV X	0.	0.	0.
13	13	11	SISMA SLV X	0.	0.	0.
13	13	7	SISMA SLV Y	0.	0.	0.
13	13	9	SISMA SLV Y	0.	0.	0.
13	13	13	SISMA SLV Y	0.	0.	0.
13	13	11	SISMA SLV Y	0.	0.	0.
13	13	7	SISMA SLD X	0.	0.	0.
13	13	9	SISMA SLD X	0.	0.	0.
13	13	13	SISMA SLD X	0.	0.	0.
13	13	11	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
13	13	7	SISMA SLD Y	0.	0.	0.
13	13	9	SISMA SLD Y	0.	0.	0.
13	13	13	SISMA SLD Y	0.	0.	0.
13	13	11	SISMA SLD Y	0.	0.	0.
13	13	7	SISMA SLO X	0.	0.	0.
13	13	9	SISMA SLO X	0.	0.	0.
13	13	13	SISMA SLO X	0.	0.	0.
13	13	11	SISMA SLO X	0.	0.	0.
13	13	7	SISMA SLO Y	0.	0.	0.
13	13	9	SISMA SLO Y	0.	0.	0.
13	13	13	SISMA SLO Y	0.	0.	0.
13	13	11	SISMA SLO Y	0.	0.	0.
13	13	7	SLT	0.	0.	0.
13	13	9	SLT	0.	0.	0.
13	13	13	SLT	0.	0.	0.
13	13	11	SLT	0.	0.	0.
13	13	7	~TorsionSISMA SLV X	0.	0.	0.
13	13	9	~TorsionSISMA SLV X	0.	0.	0.
13	13	13	~TorsionSISMA SLV X	0.	0.	0.
13	13	11	~TorsionSISMA SLV X	0.	0.	0.
13	13	7	~TorsionSISMA SLV Y	0.	0.	0.
13	13	9	~TorsionSISMA SLV Y	0.	0.	0.
13	13	13	~TorsionSISMA SLV Y	0.	0.	0.
13	13	11	~TorsionSISMA SLV Y	0.	0.	0.
13	13	7	~TorsionSISMA SLD X	0.	0.	0.
13	13	9	~TorsionSISMA SLD X	0.	0.	0.
13	13	13	~TorsionSISMA SLD X	0.	0.	0.
13	13	11	~TorsionSISMA SLD X	0.	0.	0.
13	13	7	~TorsionSISMA SLD Y	0.	0.	0.
13	13	9	~TorsionSISMA SLD Y	0.	0.	0.
13	13	13	~TorsionSISMA SLD Y	0.	0.	0.
13	13	11	~TorsionSISMA SLD Y	0.	0.	0.
13	13	7	~TorsionSISMA SLO X	0.	0.	0.
13	13	9	~TorsionSISMA SLO X	0.	0.	0.
13	13	13	~TorsionSISMA SLO X	0.	0.	0.
13	13	11	~TorsionSISMA SLO X	0.	0.	0.
13	13	7	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
13	13	9	~TorsionSISMA SLO Y	0.	0.	0.
13	13	13	~TorsionSISMA SLO Y	0.	0.	0.
13	13	11	~TorsionSISMA SLO Y	0.	0.	0.
14	14	9	G1_K	0.	0.	0.
14	14	10	G1_K	0.	0.	0.
14	14	14	G1_K	0.	0.	0.
14	14	13	G1_K	0.	0.	0.
14	14	9	G2_K	0.	0.	0.
14	14	10	G2_K	0.	0.	0.
14	14	14	G2_K	0.	0.	0.
14	14	13	G2_K	0.	0.	0.
14	14	9	Q_K	0.	0.	0.
14	14	10	Q_K	0.	0.	0.
14	14	14	Q_K	0.	0.	0.
14	14	13	Q_K	0.	0.	0.
14	14	9	N_K	0.	0.	0.
14	14	10	N_K	0.	0.	0.
14	14	14	N_K	0.	0.	0.
14	14	13	N_K	0.	0.	0.
14	14	9	T+_K	0.	0.	0.
14	14	10	T+_K	0.	0.	0.
14	14	14	T+_K	0.	0.	0.
14	14	13	T+_K	0.	0.	0.
14	14	9	T-_K	0.	0.	0.
14	14	10	T-_K	0.	0.	0.
14	14	14	T-_K	0.	0.	0.
14	14	13	T-_K	0.	0.	0.
14	14	9	G1_D	0.	0.	0.
14	14	10	G1_D	0.	0.	0.
14	14	14	G1_D	0.	0.	0.
14	14	13	G1_D	0.	0.	0.
14	14	9	G2_D	0.	0.	0.
14	14	10	G2_D	0.	0.	0.
14	14	14	G2_D	0.	0.	0.
14	14	13	G2_D	0.	0.	0.
14	14	9	Q_D	0.	0.	0.
14	14	10	Q_D	0.	0.	0.
14	14	14	Q_D	0.	0.	0.
14	14	13	Q_D	0.	0.	0.
14	14	9	N_D	0.	0.	0.
14	14	10	N_D	0.	0.	0.
14	14	14	N_D	0.	0.	0.
14	14	13	N_D	0.	0.	0.
14	14	9	T+_D	0.	0.	0.
14	14	10	T+_D	0.	0.	0.
14	14	14	T+_D	0.	0.	0.
14	14	13	T+_D	0.	0.	0.
14	14	9	T-_D	0.	0.	0.
14	14	10	T-_D	0.	0.	0.
14	14	14	T-_D	0.	0.	0.
14	14	13	T-_D	0.	0.	0.
14	14	9	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
14	14	10	W+_K	0.	0.	0.
14	14	14	W+_K	0.	0.	0.
14	14	13	W+_K	0.	0.	0.
14	14	9	W-_K	0.	0.	0.
14	14	10	W-_K	0.	0.	0.
14	14	14	W-_K	0.	0.	0.
14	14	13	W-_K	0.	0.	0.
14	14	9	W+_D	0.	0.	0.
14	14	10	W+_D	0.	0.	0.
14	14	14	W+_D	0.	0.	0.
14	14	13	W+_D	0.	0.	0.
14	14	9	W-_D	0.	0.	0.
14	14	10	W-_D	0.	0.	0.
14	14	14	W-_D	0.	0.	0.
14	14	13	W-_D	0.	0.	0.
14	14	9	SISMA SLV X	0.	0.	0.
14	14	10	SISMA SLV X	0.	0.	0.
14	14	14	SISMA SLV X	0.	0.	0.
14	14	13	SISMA SLV X	0.	0.	0.
14	14	9	SISMA SLV Y	0.	0.	0.
14	14	10	SISMA SLV Y	0.	0.	0.
14	14	14	SISMA SLV Y	0.	0.	0.
14	14	13	SISMA SLV Y	0.	0.	0.
14	14	9	SISMA SLD X	0.	0.	0.
14	14	10	SISMA SLD X	0.	0.	0.
14	14	14	SISMA SLD X	0.	0.	0.
14	14	13	SISMA SLD X	0.	0.	0.
14	14	9	SISMA SLD Y	0.	0.	0.
14	14	10	SISMA SLD Y	0.	0.	0.
14	14	14	SISMA SLD Y	0.	0.	0.
14	14	13	SISMA SLD Y	0.	0.	0.
14	14	9	SISMA SLO X	0.	0.	0.
14	14	10	SISMA SLO X	0.	0.	0.
14	14	14	SISMA SLO X	0.	0.	0.
14	14	13	SISMA SLO X	0.	0.	0.
14	14	9	SISMA SLO Y	0.	0.	0.
14	14	10	SISMA SLO Y	0.	0.	0.
14	14	14	SISMA SLO Y	0.	0.	0.
14	14	13	SISMA SLO Y	0.	0.	0.
14	14	9	SLT	0.	0.	0.
14	14	10	SLT	0.	0.	0.
14	14	14	SLT	0.	0.	0.
14	14	13	SLT	0.	0.	0.
14	14	9	~TorsionSISMA SLV X	0.	0.	0.
14	14	10	~TorsionSISMA SLV X	0.	0.	0.
14	14	14	~TorsionSISMA SLV X	0.	0.	0.
14	14	13	~TorsionSISMA SLV X	0.	0.	0.
14	14	9	~TorsionSISMA SLV Y	0.	0.	0.
14	14	10	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
14	14	14	~TorsionSISMA SLV Y	0.	0.	0.
14	14	13	~TorsionSISMA SLV Y	0.	0.	0.
14	14	9	~TorsionSISMA SLD X	0.	0.	0.
14	14	10	~TorsionSISMA SLD X	0.	0.	0.
14	14	14	~TorsionSISMA SLD X	0.	0.	0.
14	14	13	~TorsionSISMA SLD X	0.	0.	0.
14	14	9	~TorsionSISMA SLD Y	0.	0.	0.
14	14	10	~TorsionSISMA SLD Y	0.	0.	0.
14	14	14	~TorsionSISMA SLD Y	0.	0.	0.
14	14	13	~TorsionSISMA SLD Y	0.	0.	0.
14	14	9	~TorsionSISMA SLO X	0.	0.	0.
14	14	10	~TorsionSISMA SLO X	0.	0.	0.
14	14	14	~TorsionSISMA SLO X	0.	0.	0.
14	14	13	~TorsionSISMA SLO X	0.	0.	0.
14	14	9	~TorsionSISMA SLO Y	0.	0.	0.
14	14	10	~TorsionSISMA SLO Y	0.	0.	0.
14	14	14	~TorsionSISMA SLO Y	0.	0.	0.
14	14	13	~TorsionSISMA SLO Y	0.	0.	0.
15	15	10	G1_K	0.	0.	0.
15	15	166	G1_K	0.	0.	0.
15	15	169	G1_K	0.	0.	0.
15	15	14	G1_K	0.	0.	0.
15	15	10	G2_K	0.	0.	0.
15	15	166	G2_K	0.	0.	0.
15	15	169	G2_K	0.	0.	0.
15	15	14	G2_K	0.	0.	0.
15	15	10	Q_K	0.	0.	0.
15	15	166	Q_K	0.	0.	0.
15	15	169	Q_K	0.	0.	0.
15	15	14	Q_K	0.	0.	0.
15	15	10	N_K	0.	0.	0.
15	15	166	N_K	0.	0.	0.
15	15	169	N_K	0.	0.	0.
15	15	14	N_K	0.	0.	0.
15	15	10	T+_K	0.	0.	0.
15	15	166	T+_K	0.	0.	0.
15	15	169	T+_K	0.	0.	0.
15	15	14	T+_K	0.	0.	0.
15	15	10	T-_K	0.	0.	0.
15	15	166	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
15	15	169	T-_K	0.	0.	0.
15	15	14	T-_K	0.	0.	0.
15	15	10	G1_D	0.	0.	0.
15	15	166	G1_D	0.	0.	0.
15	15	169	G1_D	0.	0.	0.
15	15	14	G1_D	0.	0.	0.
15	15	10	G2_D	0.	0.	0.
15	15	166	G2_D	0.	0.	0.
15	15	169	G2_D	0.	0.	0.
15	15	14	G2_D	0.	0.	0.
15	15	10	Q_D	0.	0.	0.
15	15	166	Q_D	0.	0.	0.
15	15	169	Q_D	0.	0.	0.
15	15	14	Q_D	0.	0.	0.
15	15	10	N_D	0.	0.	0.
15	15	166	N_D	0.	0.	0.
15	15	169	N_D	0.	0.	0.
15	15	14	N_D	0.	0.	0.
15	15	10	T+_D	0.	0.	0.
15	15	166	T+_D	0.	0.	0.
15	15	169	T+_D	0.	0.	0.
15	15	14	T+_D	0.	0.	0.
15	15	10	T-_D	0.	0.	0.
15	15	166	T-_D	0.	0.	0.
15	15	169	T-_D	0.	0.	0.
15	15	14	T-_D	0.	0.	0.
15	15	10	W+_K	0.	0.	0.
15	15	166	W+_K	0.	0.	0.
15	15	169	W+_K	0.	0.	0.
15	15	14	W+_K	0.	0.	0.
15	15	10	W-_K	0.	0.	0.
15	15	166	W-_K	0.	0.	0.
15	15	169	W-_K	0.	0.	0.
15	15	14	W-_K	0.	0.	0.
15	15	10	W+_D	0.	0.	0.
15	15	166	W+_D	0.	0.	0.
15	15	169	W+_D	0.	0.	0.
15	15	14	W+_D	0.	0.	0.
15	15	10	W-_D	0.	0.	0.
15	15	166	W-_D	0.	0.	0.
15	15	169	W-_D	0.	0.	0.
15	15	14	W-_D	0.	0.	0.
15	15	10	SISMA SLV X	0.	0.	0.
15	15	166	SISMA SLV X	0.	0.	0.
15	15	169	SISMA SLV X	0.	0.	0.
15	15	14	SISMA SLV X	0.	0.	0.
15	15	10	SISMA SLV Y	0.	0.	0.
15	15	166	SISMA SLV Y	0.	0.	0.
15	15	169	SISMA SLV Y	0.	0.	0.
15	15	14	SISMA SLV Y	0.	0.	0.
15	15	10	SISMA SLD X	0.	0.	0.
15	15	166	SISMA SLD X	0.	0.	0.
15	15	169	SISMA SLD X	0.	0.	0.
15	15	14	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
15	15	10	SISMA SLD Y	0.	0.	0.
15	15	166	SISMA SLD Y	0.	0.	0.
15	15	169	SISMA SLD Y	0.	0.	0.
15	15	14	SISMA SLD Y	0.	0.	0.
15	15	10	SISMA SLO X	0.	0.	0.
15	15	166	SISMA SLO X	0.	0.	0.
15	15	169	SISMA SLO X	0.	0.	0.
15	15	14	SISMA SLO X	0.	0.	0.
15	15	10	SISMA SLO Y	0.	0.	0.
15	15	166	SISMA SLO Y	0.	0.	0.
15	15	169	SISMA SLO Y	0.	0.	0.
15	15	14	SISMA SLO Y	0.	0.	0.
15	15	10	SLT	0.	0.	0.
15	15	166	SLT	0.	0.	0.
15	15	169	SLT	0.	0.	0.
15	15	14	SLT	0.	0.	0.
15	15	10	~TorsionSISMA SLV X	0.	0.	0.
15	15	166	~TorsionSISMA SLV X	0.	0.	0.
15	15	169	~TorsionSISMA SLV X	0.	0.	0.
15	15	14	~TorsionSISMA SLV X	0.	0.	0.
15	15	10	~TorsionSISMA SLV Y	0.	0.	0.
15	15	166	~TorsionSISMA SLV Y	0.	0.	0.
15	15	169	~TorsionSISMA SLV Y	0.	0.	0.
15	15	14	~TorsionSISMA SLV Y	0.	0.	0.
15	15	10	~TorsionSISMA SLD X	0.	0.	0.
15	15	166	~TorsionSISMA SLD X	0.	0.	0.
15	15	169	~TorsionSISMA SLD X	0.	0.	0.
15	15	14	~TorsionSISMA SLD X	0.	0.	0.
15	15	10	~TorsionSISMA SLD Y	0.	0.	0.
15	15	166	~TorsionSISMA SLD Y	0.	0.	0.
15	15	169	~TorsionSISMA SLD Y	0.	0.	0.
15	15	14	~TorsionSISMA SLD Y	0.	0.	0.
15	15	10	~TorsionSISMA SLO X	0.	0.	0.
15	15	166	~TorsionSISMA SLO X	0.	0.	0.
15	15	169	~TorsionSISMA SLO X	0.	0.	0.
15	15	14	~TorsionSISMA SLO X	0.	0.	0.
15	15	10	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
15	15	166	~TorsionSISMA SLO Y	0.	0.	0.
15	15	169	~TorsionSISMA SLO Y	0.	0.	0.
15	15	14	~TorsionSISMA SLO Y	0.	0.	0.
16	16	12	G1_K	0.	0.	0.
16	16	11	G1_K	0.	0.	0.
16	16	158	G1_K	0.	0.	0.
16	16	102	G1_K	0.	0.	0.
16	16	12	G2_K	0.	0.	0.
16	16	11	G2_K	0.	0.	0.
16	16	158	G2_K	0.	0.	0.
16	16	102	G2_K	0.	0.	0.
16	16	12	Q_K	0.	0.	0.
16	16	11	Q_K	0.	0.	0.
16	16	158	Q_K	0.	0.	0.
16	16	102	Q_K	0.	0.	0.
16	16	12	N_K	0.	0.	0.
16	16	11	N_K	0.	0.	0.
16	16	158	N_K	0.	0.	0.
16	16	102	N_K	0.	0.	0.
16	16	12	T+_K	0.	0.	0.
16	16	11	T+_K	0.	0.	0.
16	16	158	T+_K	0.	0.	0.
16	16	102	T+_K	0.	0.	0.
16	16	12	T-_K	0.	0.	0.
16	16	11	T-_K	0.	0.	0.
16	16	158	T-_K	0.	0.	0.
16	16	102	T-_K	0.	0.	0.
16	16	12	G1_D	0.	0.	0.
16	16	11	G1_D	0.	0.	0.
16	16	158	G1_D	0.	0.	0.
16	16	102	G1_D	0.	0.	0.
16	16	12	G2_D	0.	0.	0.
16	16	11	G2_D	0.	0.	0.
16	16	158	G2_D	0.	0.	0.
16	16	102	G2_D	0.	0.	0.
16	16	12	Q_D	0.	0.	0.
16	16	11	Q_D	0.	0.	0.
16	16	158	Q_D	0.	0.	0.
16	16	102	Q_D	0.	0.	0.
16	16	12	N_D	0.	0.	0.
16	16	11	N_D	0.	0.	0.
16	16	158	N_D	0.	0.	0.
16	16	102	N_D	0.	0.	0.
16	16	12	T+_D	0.	0.	0.
16	16	11	T+_D	0.	0.	0.
16	16	158	T+_D	0.	0.	0.
16	16	102	T+_D	0.	0.	0.
16	16	12	T-_D	0.	0.	0.
16	16	11	T-_D	0.	0.	0.
16	16	158	T-_D	0.	0.	0.
16	16	102	T-_D	0.	0.	0.
16	16	12	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
16	16	11	W+_K	0.	0.	0.
16	16	158	W+_K	0.	0.	0.
16	16	102	W+_K	0.	0.	0.
16	16	12	W-_K	0.	0.	0.
16	16	11	W-_K	0.	0.	0.
16	16	158	W-_K	0.	0.	0.
16	16	102	W-_K	0.	0.	0.
16	16	12	W+_D	0.	0.	0.
16	16	11	W+_D	0.	0.	0.
16	16	158	W+_D	0.	0.	0.
16	16	102	W+_D	0.	0.	0.
16	16	12	W-_D	0.	0.	0.
16	16	11	W-_D	0.	0.	0.
16	16	158	W-_D	0.	0.	0.
16	16	102	W-_D	0.	0.	0.
16	16	12	SISMA SLV X	0.	0.	0.
16	16	11	SISMA SLV X	0.	0.	0.
16	16	158	SISMA SLV X	0.	0.	0.
16	16	102	SISMA SLV X	0.	0.	0.
16	16	12	SISMA SLV Y	0.	0.	0.
16	16	11	SISMA SLV Y	0.	0.	0.
16	16	158	SISMA SLV Y	0.	0.	0.
16	16	102	SISMA SLV Y	0.	0.	0.
16	16	12	SISMA SLD X	0.	0.	0.
16	16	11	SISMA SLD X	0.	0.	0.
16	16	158	SISMA SLD X	0.	0.	0.
16	16	102	SISMA SLD X	0.	0.	0.
16	16	12	SISMA SLD Y	0.	0.	0.
16	16	11	SISMA SLD Y	0.	0.	0.
16	16	158	SISMA SLD Y	0.	0.	0.
16	16	102	SISMA SLD Y	0.	0.	0.
16	16	12	SISMA SLO X	0.	0.	0.
16	16	11	SISMA SLO X	0.	0.	0.
16	16	158	SISMA SLO X	0.	0.	0.
16	16	102	SISMA SLO X	0.	0.	0.
16	16	12	SISMA SLO Y	0.	0.	0.
16	16	11	SISMA SLO Y	0.	0.	0.
16	16	158	SISMA SLO Y	0.	0.	0.
16	16	102	SISMA SLO Y	0.	0.	0.
16	16	12	SLT	0.	0.	0.
16	16	11	SLT	0.	0.	0.
16	16	158	SLT	0.	0.	0.
16	16	102	SLT	0.	0.	0.
16	16	12	~TorsionSISMA SLV X	0.	0.	0.
16	16	11	~TorsionSISMA SLV X	0.	0.	0.
16	16	158	~TorsionSISMA SLV X	0.	0.	0.
16	16	102	~TorsionSISMA SLV X	0.	0.	0.
16	16	12	~TorsionSISMA SLV Y	0.	0.	0.
16	16	11	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
16	16	158	~TorsionSISMA SLV Y	0.	0.	0.
16	16	102	~TorsionSISMA SLV Y	0.	0.	0.
16	16	12	~TorsionSISMA SLD X	0.	0.	0.
16	16	11	~TorsionSISMA SLD X	0.	0.	0.
16	16	158	~TorsionSISMA SLD X	0.	0.	0.
16	16	102	~TorsionSISMA SLD X	0.	0.	0.
16	16	12	~TorsionSISMA SLD Y	0.	0.	0.
16	16	11	~TorsionSISMA SLD Y	0.	0.	0.
16	16	158	~TorsionSISMA SLD Y	0.	0.	0.
16	16	102	~TorsionSISMA SLD Y	0.	0.	0.
16	16	12	~TorsionSISMA SLO X	0.	0.	0.
16	16	11	~TorsionSISMA SLO X	0.	0.	0.
16	16	158	~TorsionSISMA SLO X	0.	0.	0.
16	16	102	~TorsionSISMA SLO X	0.	0.	0.
16	16	12	~TorsionSISMA SLO Y	0.	0.	0.
16	16	11	~TorsionSISMA SLO Y	0.	0.	0.
16	16	158	~TorsionSISMA SLO Y	0.	0.	0.
16	16	102	~TorsionSISMA SLO Y	0.	0.	0.
17	17	11	G1_K	0.	0.	0.
17	17	13	G1_K	0.	0.	0.
17	17	155	G1_K	0.	0.	0.
17	17	158	G1_K	0.	0.	0.
17	17	11	G2_K	0.	0.	0.
17	17	13	G2_K	0.	0.	0.
17	17	155	G2_K	0.	0.	0.
17	17	158	G2_K	0.	0.	0.
17	17	11	Q_K	0.	0.	0.
17	17	13	Q_K	0.	0.	0.
17	17	155	Q_K	0.	0.	0.
17	17	158	Q_K	0.	0.	0.
17	17	11	N_K	0.	0.	0.
17	17	13	N_K	0.	0.	0.
17	17	155	N_K	0.	0.	0.
17	17	158	N_K	0.	0.	0.
17	17	11	T+_K	0.	0.	0.
17	17	13	T+_K	0.	0.	0.
17	17	155	T+_K	0.	0.	0.
17	17	158	T+_K	0.	0.	0.
17	17	11	T-_K	0.	0.	0.
17	17	13	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
17	17	155	T-_K	0.	0.	0.
17	17	158	T-_K	0.	0.	0.
17	17	11	G1_D	0.	0.	0.
17	17	13	G1_D	0.	0.	0.
17	17	155	G1_D	0.	0.	0.
17	17	158	G1_D	0.	0.	0.
17	17	11	G2_D	0.	0.	0.
17	17	13	G2_D	0.	0.	0.
17	17	155	G2_D	0.	0.	0.
17	17	158	G2_D	0.	0.	0.
17	17	11	Q_D	0.	0.	0.
17	17	13	Q_D	0.	0.	0.
17	17	155	Q_D	0.	0.	0.
17	17	158	Q_D	0.	0.	0.
17	17	11	N_D	0.	0.	0.
17	17	13	N_D	0.	0.	0.
17	17	155	N_D	0.	0.	0.
17	17	158	N_D	0.	0.	0.
17	17	11	T+_D	0.	0.	0.
17	17	13	T+_D	0.	0.	0.
17	17	155	T+_D	0.	0.	0.
17	17	158	T+_D	0.	0.	0.
17	17	11	T-_D	0.	0.	0.
17	17	13	T-_D	0.	0.	0.
17	17	155	T-_D	0.	0.	0.
17	17	158	T-_D	0.	0.	0.
17	17	11	W+_K	0.	0.	0.
17	17	13	W+_K	0.	0.	0.
17	17	155	W+_K	0.	0.	0.
17	17	158	W+_K	0.	0.	0.
17	17	11	W-_K	0.	0.	0.
17	17	13	W-_K	0.	0.	0.
17	17	155	W-_K	0.	0.	0.
17	17	158	W-_K	0.	0.	0.
17	17	11	W+_D	0.	0.	0.
17	17	13	W+_D	0.	0.	0.
17	17	155	W+_D	0.	0.	0.
17	17	158	W+_D	0.	0.	0.
17	17	11	W-_D	0.	0.	0.
17	17	13	W-_D	0.	0.	0.
17	17	155	W-_D	0.	0.	0.
17	17	158	W-_D	0.	0.	0.
17	17	11	SISMA SLV X	0.	0.	0.
17	17	13	SISMA SLV X	0.	0.	0.
17	17	155	SISMA SLV X	0.	0.	0.
17	17	158	SISMA SLV X	0.	0.	0.
17	17	11	SISMA SLV Y	0.	0.	0.
17	17	13	SISMA SLV Y	0.	0.	0.
17	17	155	SISMA SLV Y	0.	0.	0.
17	17	158	SISMA SLV Y	0.	0.	0.
17	17	11	SISMA SLD X	0.	0.	0.
17	17	13	SISMA SLD X	0.	0.	0.
17	17	155	SISMA SLD X	0.	0.	0.
17	17	158	SISMA SLD X	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
17	17	11	SISMA SLD Y	0.	0.	0.
17	17	13	SISMA SLD Y	0.	0.	0.
17	17	155	SISMA SLD Y	0.	0.	0.
17	17	158	SISMA SLD Y	0.	0.	0.
17	17	11	SISMA SLO X	0.	0.	0.
17	17	13	SISMA SLO X	0.	0.	0.
17	17	155	SISMA SLO X	0.	0.	0.
17	17	158	SISMA SLO X	0.	0.	0.
17	17	11	SISMA SLO Y	0.	0.	0.
17	17	13	SISMA SLO Y	0.	0.	0.
17	17	155	SISMA SLO Y	0.	0.	0.
17	17	158	SISMA SLO Y	0.	0.	0.
17	17	11	SLT	0.	0.	0.
17	17	13	SLT	0.	0.	0.
17	17	155	SLT	0.	0.	0.
17	17	158	SLT	0.	0.	0.
17	17	11	~TorsionSISMA SLV X	0.	0.	0.
17	17	13	~TorsionSISMA SLV X	0.	0.	0.
17	17	155	~TorsionSISMA SLV X	0.	0.	0.
17	17	158	~TorsionSISMA SLV X	0.	0.	0.
17	17	11	~TorsionSISMA SLV Y	0.	0.	0.
17	17	13	~TorsionSISMA SLV Y	0.	0.	0.
17	17	155	~TorsionSISMA SLV Y	0.	0.	0.
17	17	158	~TorsionSISMA SLV Y	0.	0.	0.
17	17	11	~TorsionSISMA SLD X	0.	0.	0.
17	17	13	~TorsionSISMA SLD X	0.	0.	0.
17	17	155	~TorsionSISMA SLD X	0.	0.	0.
17	17	158	~TorsionSISMA SLD X	0.	0.	0.
17	17	11	~TorsionSISMA SLD Y	0.	0.	0.
17	17	13	~TorsionSISMA SLD Y	0.	0.	0.
17	17	155	~TorsionSISMA SLD Y	0.	0.	0.
17	17	158	~TorsionSISMA SLD Y	0.	0.	0.
17	17	11	~TorsionSISMA SLO X	0.	0.	0.
17	17	13	~TorsionSISMA SLO X	0.	0.	0.
17	17	155	~TorsionSISMA SLO X	0.	0.	0.
17	17	158	~TorsionSISMA SLO X	0.	0.	0.
17	17	11	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
17	17	13	~TorsionSISMA SLO Y	0.	0.	0.
17	17	155	~TorsionSISMA SLO Y	0.	0.	0.
17	17	158	~TorsionSISMA SLO Y	0.	0.	0.
18	18	13	G1_K	0.	0.	0.
18	18	14	G1_K	0.	0.	0.
18	18	150	G1_K	0.	0.	0.
18	18	155	G1_K	0.	0.	0.
18	18	13	G2_K	0.	0.	0.
18	18	14	G2_K	0.	0.	0.
18	18	150	G2_K	0.	0.	0.
18	18	155	G2_K	0.	0.	0.
18	18	13	Q_K	0.	0.	0.
18	18	14	Q_K	0.	0.	0.
18	18	150	Q_K	0.	0.	0.
18	18	155	Q_K	0.	0.	0.
18	18	13	N_K	0.	0.	0.
18	18	14	N_K	0.	0.	0.
18	18	150	N_K	0.	0.	0.
18	18	155	N_K	0.	0.	0.
18	18	13	T+_K	0.	0.	0.
18	18	14	T+_K	0.	0.	0.
18	18	150	T+_K	0.	0.	0.
18	18	155	T+_K	0.	0.	0.
18	18	13	T-_K	0.	0.	0.
18	18	14	T-_K	0.	0.	0.
18	18	150	T-_K	0.	0.	0.
18	18	155	T-_K	0.	0.	0.
18	18	13	G1_D	0.	0.	0.
18	18	14	G1_D	0.	0.	0.
18	18	150	G1_D	0.	0.	0.
18	18	155	G1_D	0.	0.	0.
18	18	13	G2_D	0.	0.	0.
18	18	14	G2_D	0.	0.	0.
18	18	150	G2_D	0.	0.	0.
18	18	155	G2_D	0.	0.	0.
18	18	13	Q_D	0.	0.	0.
18	18	14	Q_D	0.	0.	0.
18	18	150	Q_D	0.	0.	0.
18	18	155	Q_D	0.	0.	0.
18	18	13	N_D	0.	0.	0.
18	18	14	N_D	0.	0.	0.
18	18	150	N_D	0.	0.	0.
18	18	155	N_D	0.	0.	0.
18	18	13	T+_D	0.	0.	0.
18	18	14	T+_D	0.	0.	0.
18	18	150	T+_D	0.	0.	0.
18	18	155	T+_D	0.	0.	0.
18	18	13	T-_D	0.	0.	0.
18	18	14	T-_D	0.	0.	0.
18	18	150	T-_D	0.	0.	0.
18	18	155	T-_D	0.	0.	0.
18	18	13	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
18	18	14	W+_K	0.	0.	0.
18	18	150	W+_K	0.	0.	0.
18	18	155	W+_K	0.	0.	0.
18	18	13	W-_K	0.	0.	0.
18	18	14	W-_K	0.	0.	0.
18	18	150	W-_K	0.	0.	0.
18	18	155	W-_K	0.	0.	0.
18	18	13	W+_D	0.	0.	0.
18	18	14	W+_D	0.	0.	0.
18	18	150	W+_D	0.	0.	0.
18	18	155	W+_D	0.	0.	0.
18	18	13	W-_D	0.	0.	0.
18	18	14	W-_D	0.	0.	0.
18	18	150	W-_D	0.	0.	0.
18	18	155	W-_D	0.	0.	0.
18	18	13	SISMA SLV X	0.	0.	0.
18	18	14	SISMA SLV X	0.	0.	0.
18	18	150	SISMA SLV X	0.	0.	0.
18	18	155	SISMA SLV X	0.	0.	0.
18	18	13	SISMA SLV Y	0.	0.	0.
18	18	14	SISMA SLV Y	0.	0.	0.
18	18	150	SISMA SLV Y	0.	0.	0.
18	18	155	SISMA SLV Y	0.	0.	0.
18	18	13	SISMA SLD X	0.	0.	0.
18	18	14	SISMA SLD X	0.	0.	0.
18	18	150	SISMA SLD X	0.	0.	0.
18	18	155	SISMA SLD X	0.	0.	0.
18	18	13	SISMA SLD Y	0.	0.	0.
18	18	14	SISMA SLD Y	0.	0.	0.
18	18	150	SISMA SLD Y	0.	0.	0.
18	18	155	SISMA SLD Y	0.	0.	0.
18	18	13	SISMA SLO X	0.	0.	0.
18	18	14	SISMA SLO X	0.	0.	0.
18	18	150	SISMA SLO X	0.	0.	0.
18	18	155	SISMA SLO X	0.	0.	0.
18	18	13	SISMA SLO Y	0.	0.	0.
18	18	14	SISMA SLO Y	0.	0.	0.
18	18	150	SISMA SLO Y	0.	0.	0.
18	18	155	SISMA SLO Y	0.	0.	0.
18	18	13	SLT	0.	0.	0.
18	18	14	SLT	0.	0.	0.
18	18	150	SLT	0.	0.	0.
18	18	155	SLT	0.	0.	0.
18	18	13	~TorsionSISMA SLV X	0.	0.	0.
18	18	14	~TorsionSISMA SLV X	0.	0.	0.
18	18	150	~TorsionSISMA SLV X	0.	0.	0.
18	18	155	~TorsionSISMA SLV X	0.	0.	0.
18	18	13	~TorsionSISMA SLV Y	0.	0.	0.
18	18	14	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
18	18	150	~TorsionSISMA SLV Y	0.	0.	0.
18	18	155	~TorsionSISMA SLV Y	0.	0.	0.
18	18	13	~TorsionSISMA SLD X	0.	0.	0.
18	18	14	~TorsionSISMA SLD X	0.	0.	0.
18	18	150	~TorsionSISMA SLD X	0.	0.	0.
18	18	155	~TorsionSISMA SLD X	0.	0.	0.
18	18	13	~TorsionSISMA SLD Y	0.	0.	0.
18	18	14	~TorsionSISMA SLD Y	0.	0.	0.
18	18	150	~TorsionSISMA SLD Y	0.	0.	0.
18	18	155	~TorsionSISMA SLD Y	0.	0.	0.
18	18	13	~TorsionSISMA SLO X	0.	0.	0.
18	18	14	~TorsionSISMA SLO X	0.	0.	0.
18	18	150	~TorsionSISMA SLO X	0.	0.	0.
18	18	155	~TorsionSISMA SLO X	0.	0.	0.
18	18	13	~TorsionSISMA SLO Y	0.	0.	0.
18	18	14	~TorsionSISMA SLO Y	0.	0.	0.
18	18	150	~TorsionSISMA SLO Y	0.	0.	0.
18	18	155	~TorsionSISMA SLO Y	0.	0.	0.
19	19	14	G1_K	0.	0.	0.
19	19	169	G1_K	0.	0.	0.
19	19	99	G1_K	0.	0.	0.
19	19	150	G1_K	0.	0.	0.
19	19	14	G2_K	0.	0.	0.
19	19	169	G2_K	0.	0.	0.
19	19	99	G2_K	0.	0.	0.
19	19	150	G2_K	0.	0.	0.
19	19	14	Q_K	0.	0.	0.
19	19	169	Q_K	0.	0.	0.
19	19	99	Q_K	0.	0.	0.
19	19	150	Q_K	0.	0.	0.
19	19	14	N_K	0.	0.	0.
19	19	169	N_K	0.	0.	0.
19	19	99	N_K	0.	0.	0.
19	19	150	N_K	0.	0.	0.
19	19	14	T+_K	0.	0.	0.
19	19	169	T+_K	0.	0.	0.
19	19	99	T+_K	0.	0.	0.
19	19	150	T+_K	0.	0.	0.
19	19	14	T-_K	0.	0.	0.
19	19	169	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
19	19	99	T-_K	0.	0.	0.
19	19	150	T-_K	0.	0.	0.
19	19	14	G1_D	0.	0.	0.
19	19	169	G1_D	0.	0.	0.
19	19	99	G1_D	0.	0.	0.
19	19	150	G1_D	0.	0.	0.
19	19	14	G2_D	0.	0.	0.
19	19	169	G2_D	0.	0.	0.
19	19	99	G2_D	0.	0.	0.
19	19	150	G2_D	0.	0.	0.
19	19	14	Q_D	0.	0.	0.
19	19	169	Q_D	0.	0.	0.
19	19	99	Q_D	0.	0.	0.
19	19	150	Q_D	0.	0.	0.
19	19	14	N_D	0.	0.	0.
19	19	169	N_D	0.	0.	0.
19	19	99	N_D	0.	0.	0.
19	19	150	N_D	0.	0.	0.
19	19	14	T+_D	0.	0.	0.
19	19	169	T+_D	0.	0.	0.
19	19	99	T+_D	0.	0.	0.
19	19	150	T+_D	0.	0.	0.
19	19	14	T-_D	0.	0.	0.
19	19	169	T-_D	0.	0.	0.
19	19	99	T-_D	0.	0.	0.
19	19	150	T-_D	0.	0.	0.
19	19	14	W+_K	0.	0.	0.
19	19	169	W+_K	0.	0.	0.
19	19	99	W+_K	0.	0.	0.
19	19	150	W+_K	0.	0.	0.
19	19	14	W-_K	0.	0.	0.
19	19	169	W-_K	0.	0.	0.
19	19	99	W-_K	0.	0.	0.
19	19	150	W-_K	0.	0.	0.
19	19	14	W+_D	0.	0.	0.
19	19	169	W+_D	0.	0.	0.
19	19	99	W+_D	0.	0.	0.
19	19	150	W+_D	0.	0.	0.
19	19	14	W-_D	0.	0.	0.
19	19	169	W-_D	0.	0.	0.
19	19	99	W-_D	0.	0.	0.
19	19	150	W-_D	0.	0.	0.
19	19	14	SISMA SLV X	0.	0.	0.
19	19	169	SISMA SLV X	0.	0.	0.
19	19	99	SISMA SLV X	0.	0.	0.
19	19	150	SISMA SLV X	0.	0.	0.
19	19	14	SISMA SLV Y	0.	0.	0.
19	19	169	SISMA SLV Y	0.	0.	0.
19	19	99	SISMA SLV Y	0.	0.	0.
19	19	150	SISMA SLV Y	0.	0.	0.
19	19	14	SISMA SLD X	0.	0.	0.
19	19	169	SISMA SLD X	0.	0.	0.
19	19	99	SISMA SLD X	0.	0.	0.
19	19	150	SISMA SLD X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
19	19	14	SISMA SLD Y	0.	0.	0.
19	19	169	SISMA SLD Y	0.	0.	0.
19	19	99	SISMA SLD Y	0.	0.	0.
19	19	150	SISMA SLD Y	0.	0.	0.
19	19	14	SISMA SLO X	0.	0.	0.
19	19	169	SISMA SLO X	0.	0.	0.
19	19	99	SISMA SLO X	0.	0.	0.
19	19	150	SISMA SLO X	0.	0.	0.
19	19	14	SISMA SLO Y	0.	0.	0.
19	19	169	SISMA SLO Y	0.	0.	0.
19	19	99	SISMA SLO Y	0.	0.	0.
19	19	150	SISMA SLO Y	0.	0.	0.
19	19	14	SLT	0.	0.	0.
19	19	169	SLT	0.	0.	0.
19	19	99	SLT	0.	0.	0.
19	19	150	SLT	0.	0.	0.
19	19	14	~TorsionSISMA SLV X	0.	0.	0.
19	19	169	~TorsionSISMA SLV X	0.	0.	0.
19	19	99	~TorsionSISMA SLV X	0.	0.	0.
19	19	150	~TorsionSISMA SLV X	0.	0.	0.
19	19	14	~TorsionSISMA SLV Y	0.	0.	0.
19	19	169	~TorsionSISMA SLV Y	0.	0.	0.
19	19	99	~TorsionSISMA SLV Y	0.	0.	0.
19	19	150	~TorsionSISMA SLV Y	0.	0.	0.
19	19	14	~TorsionSISMA SLD X	0.	0.	0.
19	19	169	~TorsionSISMA SLD X	0.	0.	0.
19	19	99	~TorsionSISMA SLD X	0.	0.	0.
19	19	150	~TorsionSISMA SLD X	0.	0.	0.
19	19	14	~TorsionSISMA SLD Y	0.	0.	0.
19	19	169	~TorsionSISMA SLD Y	0.	0.	0.
19	19	99	~TorsionSISMA SLD Y	0.	0.	0.
19	19	150	~TorsionSISMA SLD Y	0.	0.	0.
19	19	14	~TorsionSISMA SLO X	0.	0.	0.
19	19	169	~TorsionSISMA SLO X	0.	0.	0.
19	19	99	~TorsionSISMA SLO X	0.	0.	0.
19	19	150	~TorsionSISMA SLO X	0.	0.	0.
19	19	14	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
19	19	169	~TorsionSISMA SLO Y	0.	0.	0.
19	19	99	~TorsionSISMA SLO Y	0.	0.	0.
19	19	150	~TorsionSISMA SLO Y	0.	0.	0.
20	20	15	G1_K	-29.87	-0.99	-29.02
20	20	2	G1_K	11.87	46.31	30.09
20	20	139	G1_K	35.3	139.83	80.49
20	20	106	G1_K	-5.05	87.04	21.38
20	20	15	G2_K	-14.07	-7.07	-17.25
20	20	2	G2_K	-3.56	4.5	-25.31
20	20	139	G2_K	-15.05	-8.39	-14.61
20	20	106	G2_K	-25.72	-19.47	-6.55
20	20	15	Q_K	-20.22	2.66	-19.02
20	20	2	Q_K	7.	33.17	19.01
20	20	139	Q_K	23.34	94.05	51.45
20	20	106	Q_K	-2.98	60.	13.41
20	20	15	N_K	-2.43	0.32	-2.28
20	20	2	N_K	0.84	3.98	2.28
20	20	139	N_K	2.8	11.29	6.17
20	20	106	N_K	-0.36	7.2	1.61
20	20	15	T+_K	0.	0.	0.
20	20	2	T+_K	0.	0.	0.
20	20	139	T+_K	0.	0.	0.
20	20	106	T+_K	0.	0.	0.
20	20	15	T-_K	0.	0.	0.
20	20	2	T-_K	0.	0.	0.
20	20	139	T-_K	0.	0.	0.
20	20	106	T-_K	0.	0.	0.
20	20	15	G1_D	-38.83	-1.28	-37.73
20	20	2	G1_D	15.43	60.2	39.12
20	20	139	G1_D	45.89	181.78	104.64
20	20	106	G1_D	-6.57	113.15	27.79
20	20	15	G2_D	-18.3	-9.19	-22.42
20	20	2	G2_D	-4.62	5.85	-32.9
20	20	139	G2_D	-19.56	-10.91	-18.99
20	20	106	G2_D	-33.44	-25.31	-8.51
20	20	15	Q_D	-30.33	3.99	-28.54
20	20	2	Q_D	10.5	49.76	28.52
20	20	139	Q_D	35.02	141.08	77.18
20	20	106	Q_D	-4.47	89.99	20.12
20	20	15	N_D	-3.64	0.48	-3.42
20	20	2	N_D	1.26	5.97	3.42
20	20	139	N_D	4.2	16.93	9.26
20	20	106	N_D	-0.54	10.8	2.41
20	20	15	T+_D	0.	0.	0.
20	20	2	T+_D	0.	0.	0.
20	20	139	T+_D	0.	0.	0.
20	20	106	T+_D	0.	0.	0.
20	20	15	T-_D	0.	0.	0.
20	20	2	T-_D	0.	0.	0.
20	20	139	T-_D	0.	0.	0.
20	20	106	T-_D	0.	0.	0.
20	20	15	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
20	20	2	W+_K	0.	0.	0.
20	20	139	W+_K	0.	0.	0.
20	20	106	W+_K	0.	0.	0.
20	20	15	W-_K	0.	0.	0.
20	20	2	W-_K	0.	0.	0.
20	20	139	W-_K	0.	0.	0.
20	20	106	W-_K	0.	0.	0.
20	20	15	W+_D	0.	0.	0.
20	20	2	W+_D	0.	0.	0.
20	20	139	W+_D	0.	0.	0.
20	20	106	W+_D	0.	0.	0.
20	20	15	W-_D	0.	0.	0.
20	20	2	W-_D	0.	0.	0.
20	20	139	W-_D	0.	0.	0.
20	20	106	W-_D	0.	0.	0.
20	20	15	SISMA SLV X	23.19	8.79	21.82
20	20	2	SISMA SLV X	3.23	16.01	17.77
20	20	139	SISMA SLV X	14.15	28.64	11.07
20	20	106	SISMA SLV X	16.83	11.04	7.25
20	20	15	SISMA SLV Y	10.87	5.61	17.93
20	20	2	SISMA SLV Y	6.12	7.9	21.41
20	20	139	SISMA SLV Y	24.68	16.06	12.64
20	20	106	SISMA SLV Y	17.	11.28	7.44
20	20	15	SISMA SLD X	11.33	4.3	10.66
20	20	2	SISMA SLD X	1.58	7.82	8.68
20	20	139	SISMA SLD X	6.91	13.99	5.41
20	20	106	SISMA SLD X	8.22	5.39	3.54
20	20	15	SISMA SLD Y	5.31	2.74	8.76
20	20	2	SISMA SLD Y	2.99	3.86	10.46
20	20	139	SISMA SLD Y	12.05	7.84	6.17
20	20	106	SISMA SLD Y	8.3	5.51	3.63
20	20	15	SISMA SLO X	9.38	3.56	8.83
20	20	2	SISMA SLO X	1.31	6.48	7.19
20	20	139	SISMA SLO X	5.73	11.59	4.48
20	20	106	SISMA SLO X	6.81	4.47	2.93
20	20	15	SISMA SLO Y	4.4	2.27	7.25
20	20	2	SISMA SLO Y	2.47	3.2	8.66
20	20	139	SISMA SLO Y	9.98	6.5	5.11
20	20	106	SISMA SLO Y	6.88	4.56	3.01
20	20	15	SLT	0.	0.	0.
20	20	2	SLT	0.	0.	0.
20	20	139	SLT	0.	0.	0.
20	20	106	SLT	0.	0.	0.
20	20	15	~TorsionSISMA SLV X	0.	0.	0.
20	20	2	~TorsionSISMA SLV X	0.	0.	0.
20	20	139	~TorsionSISMA SLV X	0.	0.	0.
20	20	106	~TorsionSISMA SLV X	0.	0.	0.
20	20	15	~TorsionSISMA SLV Y	0.	0.	0.
20	20	2	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
20	20	139	~TorsionSISMA SLV Y	0.	0.	0.
20	20	106	~TorsionSISMA SLV Y	0.	0.	0.
20	20	15	~TorsionSISMA SLD X	0.	0.	0.
20	20	2	~TorsionSISMA SLD X	0.	0.	0.
20	20	139	~TorsionSISMA SLD X	0.	0.	0.
20	20	106	~TorsionSISMA SLD X	0.	0.	0.
20	20	15	~TorsionSISMA SLD Y	0.	0.	0.
20	20	2	~TorsionSISMA SLD Y	0.	0.	0.
20	20	139	~TorsionSISMA SLD Y	0.	0.	0.
20	20	106	~TorsionSISMA SLD Y	0.	0.	0.
20	20	15	~TorsionSISMA SLO X	0.	0.	0.
20	20	2	~TorsionSISMA SLO X	0.	0.	0.
20	20	139	~TorsionSISMA SLO X	0.	0.	0.
20	20	106	~TorsionSISMA SLO X	0.	0.	0.
20	20	15	~TorsionSISMA SLO Y	0.	0.	0.
20	20	2	~TorsionSISMA SLO Y	0.	0.	0.
20	20	139	~TorsionSISMA SLO Y	0.	0.	0.
20	20	106	~TorsionSISMA SLO Y	0.	0.	0.
21	21	137	G1_K	20.82	-39.46	-14.99
21	21	142	G1_K	39.26	18.47	-1.46
21	21	16	G1_K	51.98	61.08	33.22
21	21	2	G1_K	33.98	0.94	19.69
21	21	137	G2_K	-21.97	4.34	-27.9
21	21	142	G2_K	-15.31	11.61	-18.01
21	21	16	G2_K	-12.62	7.53	-24.87
21	21	2	G2_K	-19.43	0.92	-34.76
21	21	137	Q_K	12.96	-12.93	-9.33
21	21	142	Q_K	25.14	24.38	-0.23
21	21	16	Q_K	34.44	51.91	21.67
21	21	2	Q_K	22.55	13.16	12.57
21	21	137	N_K	1.56	-1.55	-1.12
21	21	142	N_K	3.02	2.93	-2.741E-02
21	21	16	N_K	4.13	6.23	2.6
21	21	2	N_K	2.71	1.58	1.51
21	21	137	T+_K	0.	0.	0.
21	21	142	T+_K	0.	0.	0.
21	21	16	T+_K	0.	0.	0.
21	21	2	T+_K	0.	0.	0.
21	21	137	T-_K	0.	0.	0.
21	21	142	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
21	21	16	T-_K	0.	0.	0.
21	21	2	T-_K	0.	0.	0.
21	21	137	G1_D	27.07	-51.3	-19.49
21	21	142	G1_D	51.04	24.01	-1.9
21	21	16	G1_D	67.58	79.4	43.18
21	21	2	G1_D	44.17	1.23	25.59
21	21	137	G2_D	-28.56	5.64	-36.26
21	21	142	G2_D	-19.9	15.09	-23.41
21	21	16	G2_D	-16.41	9.79	-32.33
21	21	2	G2_D	-25.26	1.2	-45.19
21	21	137	Q_D	19.44	-19.4	-14.
21	21	142	Q_D	37.71	36.57	-0.34
21	21	16	Q_D	51.66	77.86	32.51
21	21	2	Q_D	33.82	19.73	18.86
21	21	137	N_D	2.33	-2.33	-1.68
21	21	142	N_D	4.53	4.39	-4.112E-02
21	21	16	N_D	6.2	9.34	3.9
21	21	2	N_D	4.06	2.37	2.26
21	21	137	T+_D	0.	0.	0.
21	21	142	T+_D	0.	0.	0.
21	21	16	T+_D	0.	0.	0.
21	21	2	T+_D	0.	0.	0.
21	21	137	T-_D	0.	0.	0.
21	21	142	T-_D	0.	0.	0.
21	21	16	T-_D	0.	0.	0.
21	21	2	T-_D	0.	0.	0.
21	21	137	W+_K	0.	0.	0.
21	21	142	W+_K	0.	0.	0.
21	21	16	W+_K	0.	0.	0.
21	21	2	W+_K	0.	0.	0.
21	21	137	W-_K	0.	0.	0.
21	21	142	W-_K	0.	0.	0.
21	21	16	W-_K	0.	0.	0.
21	21	2	W-_K	0.	0.	0.
21	21	137	W+_D	0.	0.	0.
21	21	142	W+_D	0.	0.	0.
21	21	16	W+_D	0.	0.	0.
21	21	2	W+_D	0.	0.	0.
21	21	137	W-_D	0.	0.	0.
21	21	142	W-_D	0.	0.	0.
21	21	16	W-_D	0.	0.	0.
21	21	2	W-_D	0.	0.	0.
21	21	137	SISMA SLV X	17.03	10.16	23.77
21	21	142	SISMA SLV X	12.93	29.97	22.1
21	21	16	SISMA SLV X	13.43	29.02	18.26
21	21	2	SISMA SLV X	14.32	4.74	20.27
21	21	137	SISMA SLV Y	19.11	22.08	14.71
21	21	142	SISMA SLV Y	24.88	40.81	10.05
21	21	16	SISMA SLV Y	25.9	28.6	12.21
21	21	2	SISMA SLV Y	19.14	8.11	19.11
21	21	137	SISMA SLD X	8.32	4.96	11.61
21	21	142	SISMA SLD X	6.32	14.64	10.79
21	21	16	SISMA SLD X	6.56	14.18	8.92
21	21	2	SISMA SLD X	6.99	2.32	9.9

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
21	21	137	SISMA SLD Y	9.33	10.78	7.19
21	21	142	SISMA SLD Y	12.15	19.93	4.91
21	21	16	SISMA SLD Y	12.65	13.97	5.96
21	21	2	SISMA SLD Y	9.35	3.96	9.34
21	21	137	SISMA SLO X	6.89	4.11	9.62
21	21	142	SISMA SLO X	5.23	12.13	8.94
21	21	16	SISMA SLO X	5.43	11.74	7.39
21	21	2	SISMA SLO X	5.79	1.92	8.2
21	21	137	SISMA SLO Y	7.73	8.93	5.95
21	21	142	SISMA SLO Y	10.06	16.51	4.07
21	21	16	SISMA SLO Y	10.48	11.57	4.94
21	21	2	SISMA SLO Y	7.74	3.28	7.73
21	21	137	SLT	0.	0.	0.
21	21	142	SLT	0.	0.	0.
21	21	16	SLT	0.	0.	0.
21	21	2	SLT	0.	0.	0.
21	21	137	~TorsionSISMA SLV X	0.	0.	0.
21	21	142	~TorsionSISMA SLV X	0.	0.	0.
21	21	16	~TorsionSISMA SLV X	0.	0.	0.
21	21	2	~TorsionSISMA SLV X	0.	0.	0.
21	21	137	~TorsionSISMA SLV Y	0.	0.	0.
21	21	142	~TorsionSISMA SLV Y	0.	0.	0.
21	21	16	~TorsionSISMA SLV Y	0.	0.	0.
21	21	2	~TorsionSISMA SLV Y	0.	0.	0.
21	21	137	~TorsionSISMA SLD X	0.	0.	0.
21	21	142	~TorsionSISMA SLD X	0.	0.	0.
21	21	16	~TorsionSISMA SLD X	0.	0.	0.
21	21	2	~TorsionSISMA SLD X	0.	0.	0.
21	21	137	~TorsionSISMA SLD Y	0.	0.	0.
21	21	142	~TorsionSISMA SLD Y	0.	0.	0.
21	21	16	~TorsionSISMA SLD Y	0.	0.	0.
21	21	2	~TorsionSISMA SLD Y	0.	0.	0.
21	21	137	~TorsionSISMA SLO X	0.	0.	0.
21	21	142	~TorsionSISMA SLO X	0.	0.	0.
21	21	16	~TorsionSISMA SLO X	0.	0.	0.
21	21	2	~TorsionSISMA SLO X	0.	0.	0.
21	21	137	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
21	21	142	~TorsionSISMA SLO Y	0.	0.	0.
21	21	16	~TorsionSISMA SLO Y	0.	0.	0.
21	21	2	~TorsionSISMA SLO Y	0.	0.	0.
22	22	2	G1_K	50.21	71.79	48.1
22	22	16	G1_K	52.25	72.7	12.31
22	22	143	G1_K	23.36	118.84	12.74
22	22	139	G1_K	21.23	119.2	48.53
22	22	2	G2_K	-20.79	-2.79	-27.36
22	22	16	G2_K	-8.36	25.76	-37.71
22	22	143	G2_K	-12.49	23.12	-16.46
22	22	139	G2_K	-24.76	-6.48	-6.11
22	22	2	Q_K	31.33	49.76	30.56
22	22	16	Q_K	33.07	52.35	8.16
22	22	143	Q_K	16.13	82.33	8.69
22	22	139	Q_K	14.34	80.53	31.08
22	22	2	N_K	3.76	5.97	3.67
22	22	16	N_K	3.97	6.28	0.98
22	22	143	N_K	1.94	9.88	1.04
22	22	139	N_K	1.72	9.66	3.73
22	22	2	T+_K	0.	0.	0.
22	22	16	T+_K	0.	0.	0.
22	22	143	T+_K	0.	0.	0.
22	22	139	T+_K	0.	0.	0.
22	22	2	T-_K	0.	0.	0.
22	22	16	T-_K	0.	0.	0.
22	22	143	T-_K	0.	0.	0.
22	22	139	T-_K	0.	0.	0.
22	22	2	G1_D	65.27	93.32	62.52
22	22	16	G1_D	67.92	94.5	16.
22	22	143	G1_D	30.37	154.5	16.56
22	22	139	G1_D	27.59	154.96	63.08
22	22	2	G2_D	-27.02	-3.63	-35.57
22	22	16	G2_D	-10.87	33.49	-49.02
22	22	143	G2_D	-16.24	30.06	-21.39
22	22	139	G2_D	-32.19	-8.43	-7.95
22	22	2	Q_D	46.99	74.64	45.84
22	22	16	Q_D	49.6	78.52	12.25
22	22	143	Q_D	24.2	123.5	13.03
22	22	139	Q_D	21.51	120.8	46.62
22	22	2	N_D	5.64	8.96	5.5
22	22	16	N_D	5.95	9.42	1.47
22	22	143	N_D	2.9	14.82	1.56
22	22	139	N_D	2.58	14.5	5.59
22	22	2	T+_D	0.	0.	0.
22	22	16	T+_D	0.	0.	0.
22	22	143	T+_D	0.	0.	0.
22	22	139	T+_D	0.	0.	0.
22	22	2	T-_D	0.	0.	0.
22	22	16	T-_D	0.	0.	0.
22	22	143	T-_D	0.	0.	0.
22	22	139	T-_D	0.	0.	0.
22	22	2	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
22	22	16	W+_K	0.	0.	0.
22	22	143	W+_K	0.	0.	0.
22	22	139	W+_K	0.	0.	0.
22	22	2	W-_K	0.	0.	0.
22	22	16	W-_K	0.	0.	0.
22	22	143	W-_K	0.	0.	0.
22	22	139	W-_K	0.	0.	0.
22	22	2	W+_D	0.	0.	0.
22	22	16	W+_D	0.	0.	0.
22	22	143	W+_D	0.	0.	0.
22	22	139	W+_D	0.	0.	0.
22	22	2	W-_D	0.	0.	0.
22	22	16	W-_D	0.	0.	0.
22	22	143	W-_D	0.	0.	0.
22	22	139	W-_D	0.	0.	0.
22	22	2	SISMA SLV X	14.83	22.32	17.93
22	22	16	SISMA SLV X	9.75	21.14	20.83
22	22	143	SISMA SLV X	8.76	27.33	5.45
22	22	139	SISMA SLV X	11.48	22.8	7.86
22	22	2	SISMA SLV Y	27.29	27.9	17.66
22	22	16	SISMA SLV Y	17.41	12.83	12.94
22	22	143	SISMA SLV Y	16.06	32.17	5.59
22	22	139	SISMA SLV Y	25.56	15.32	12.28
22	22	2	SISMA SLD X	7.24	10.9	8.76
22	22	16	SISMA SLD X	4.76	10.33	10.18
22	22	143	SISMA SLD X	4.28	13.35	2.66
22	22	139	SISMA SLD X	5.61	11.14	3.84
22	22	2	SISMA SLD Y	13.33	13.63	8.63
22	22	16	SISMA SLD Y	8.5	6.27	6.32
22	22	143	SISMA SLD Y	7.84	15.71	2.73
22	22	139	SISMA SLD Y	12.48	7.48	6.
22	22	2	SISMA SLO X	6.	9.03	7.26
22	22	16	SISMA SLO X	3.95	8.56	8.43
22	22	143	SISMA SLO X	3.54	11.05	2.2
22	22	139	SISMA SLO X	4.64	9.23	3.18
22	22	2	SISMA SLO Y	11.04	11.28	7.14
22	22	16	SISMA SLO Y	7.04	5.19	5.23
22	22	143	SISMA SLO Y	6.5	13.01	2.26
22	22	139	SISMA SLO Y	10.34	6.2	4.97
22	22	2	SLT	0.	0.	0.
22	22	16	SLT	0.	0.	0.
22	22	143	SLT	0.	0.	0.
22	22	139	SLT	0.	0.	0.
22	22	2	~TorsionSISMA SLV X	0.	0.	0.
22	22	16	~TorsionSISMA SLV X	0.	0.	0.
22	22	143	~TorsionSISMA SLV X	0.	0.	0.
22	22	139	~TorsionSISMA SLV X	0.	0.	0.
22	22	2	~TorsionSISMA SLV Y	0.	0.	0.
22	22	16	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
22	22	143	~TorsionSISMA SLV Y	0.	0.	0.
22	22	139	~TorsionSISMA SLV Y	0.	0.	0.
22	22	2	~TorsionSISMA SLD X	0.	0.	0.
22	22	16	~TorsionSISMA SLD X	0.	0.	0.
22	22	143	~TorsionSISMA SLD X	0.	0.	0.
22	22	139	~TorsionSISMA SLD X	0.	0.	0.
22	22	2	~TorsionSISMA SLD Y	0.	0.	0.
22	22	16	~TorsionSISMA SLD Y	0.	0.	0.
22	22	143	~TorsionSISMA SLD Y	0.	0.	0.
22	22	139	~TorsionSISMA SLD Y	0.	0.	0.
22	22	2	~TorsionSISMA SLO X	0.	0.	0.
22	22	16	~TorsionSISMA SLO X	0.	0.	0.
22	22	143	~TorsionSISMA SLO X	0.	0.	0.
22	22	139	~TorsionSISMA SLO X	0.	0.	0.
22	22	2	~TorsionSISMA SLO Y	0.	0.	0.
22	22	16	~TorsionSISMA SLO Y	0.	0.	0.
22	22	143	~TorsionSISMA SLO Y	0.	0.	0.
22	22	139	~TorsionSISMA SLO Y	0.	0.	0.
23	23	142	G1_K	32.35	16.8	13.56
23	23	145	G1_K	34.47	-1.39	10.6
23	23	111	G1_K	38.17	39.01	9.07
23	23	16	G1_K	35.84	58.13	12.04
23	23	142	G2_K	-19.61	9.15	-28.07
23	23	145	G2_K	-19.79	19.54	-41.83
23	23	111	G2_K	-62.58	10.88	-26.33
23	23	16	G2_K	-62.18	-0.78	-12.57
23	23	142	Q_K	19.57	23.29	10.08
23	23	145	Q_K	22.43	19.15	8.7
23	23	111	Q_K	27.59	45.18	8.26
23	23	16	Q_K	24.6	49.92	9.63
23	23	142	N_K	2.35	2.79	1.21
23	23	145	N_K	2.69	2.3	1.04
23	23	111	N_K	3.31	5.42	0.99
23	23	16	N_K	2.95	5.99	1.16
23	23	142	T+_K	0.	0.	0.
23	23	145	T+_K	0.	0.	0.
23	23	111	T+_K	0.	0.	0.
23	23	16	T+_K	0.	0.	0.
23	23	142	T-_K	0.	0.	0.
23	23	145	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
23	23	111	T-_K	0.	0.	0.
23	23	16	T-_K	0.	0.	0.
23	23	142	G1_D	42.06	21.84	17.63
23	23	145	G1_D	44.81	-1.81	13.78
23	23	111	G1_D	49.62	50.71	11.8
23	23	16	G1_D	46.59	75.57	15.65
23	23	142	G2_D	-25.49	11.9	-36.49
23	23	145	G2_D	-25.73	25.4	-54.38
23	23	111	G2_D	-81.35	14.14	-34.23
23	23	16	G2_D	-80.83	-1.02	-16.35
23	23	142	Q_D	29.36	34.94	15.11
23	23	145	Q_D	33.65	28.73	13.05
23	23	111	Q_D	41.39	67.77	12.38
23	23	16	Q_D	36.9	74.87	14.45
23	23	142	N_D	3.52	4.19	1.81
23	23	145	N_D	4.04	3.45	1.57
23	23	111	N_D	4.97	8.13	1.49
23	23	16	N_D	4.43	8.98	1.73
23	23	142	T+_D	0.	0.	0.
23	23	145	T+_D	0.	0.	0.
23	23	111	T+_D	0.	0.	0.
23	23	16	T+_D	0.	0.	0.
23	23	142	T-_D	0.	0.	0.
23	23	145	T-_D	0.	0.	0.
23	23	111	T-_D	0.	0.	0.
23	23	16	T-_D	0.	0.	0.
23	23	142	W+_K	0.	0.	0.
23	23	145	W+_K	0.	0.	0.
23	23	111	W+_K	0.	0.	0.
23	23	16	W+_K	0.	0.	0.
23	23	142	W-_K	0.	0.	0.
23	23	145	W-_K	0.	0.	0.
23	23	111	W-_K	0.	0.	0.
23	23	16	W-_K	0.	0.	0.
23	23	142	W+_D	0.	0.	0.
23	23	145	W+_D	0.	0.	0.
23	23	111	W+_D	0.	0.	0.
23	23	16	W+_D	0.	0.	0.
23	23	142	W-_D	0.	0.	0.
23	23	145	W-_D	0.	0.	0.
23	23	111	W-_D	0.	0.	0.
23	23	16	W-_D	0.	0.	0.
23	23	142	SISMA SLV X	11.16	33.81	19.75
23	23	145	SISMA SLV X	9.77	31.13	31.04
23	23	111	SISMA SLV X	33.73	36.98	26.62
23	23	16	SISMA SLV X	27.05	21.71	15.3
23	23	142	SISMA SLV Y	22.18	48.82	11.63
23	23	145	SISMA SLV Y	12.4	23.87	17.75
23	23	111	SISMA SLV Y	21.72	19.85	12.94
23	23	16	SISMA SLV Y	28.23	19.62	6.94
23	23	142	SISMA SLD X	5.45	16.51	9.65
23	23	145	SISMA SLD X	4.77	15.21	15.16
23	23	111	SISMA SLD X	16.47	18.06	13.
23	23	16	SISMA SLD X	13.21	10.6	7.47

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
23	23	142	SISMA SLD Y	10.83	23.85	5.68
23	23	145	SISMA SLD Y	6.05	11.66	8.67
23	23	111	SISMA SLD Y	10.61	9.69	6.32
23	23	16	SISMA SLD Y	13.79	9.58	3.39
23	23	142	SISMA SLO X	4.52	13.68	7.99
23	23	145	SISMA SLO X	3.95	12.6	12.56
23	23	111	SISMA SLO X	13.65	14.97	10.77
23	23	16	SISMA SLO X	10.94	8.78	6.19
23	23	142	SISMA SLO Y	8.97	19.75	4.7
23	23	145	SISMA SLO Y	5.01	9.65	7.18
23	23	111	SISMA SLO Y	8.78	8.03	5.23
23	23	16	SISMA SLO Y	11.42	7.94	2.81
23	23	142	SLT	0.	0.	0.
23	23	145	SLT	0.	0.	0.
23	23	111	SLT	0.	0.	0.
23	23	16	SLT	0.	0.	0.
23	23	142	~TorsionSISMA SLV X	0.	0.	0.
23	23	145	~TorsionSISMA SLV X	0.	0.	0.
23	23	111	~TorsionSISMA SLV X	0.	0.	0.
23	23	16	~TorsionSISMA SLV X	0.	0.	0.
23	23	142	~TorsionSISMA SLV Y	0.	0.	0.
23	23	145	~TorsionSISMA SLV Y	0.	0.	0.
23	23	111	~TorsionSISMA SLV Y	0.	0.	0.
23	23	16	~TorsionSISMA SLV Y	0.	0.	0.
23	23	142	~TorsionSISMA SLD X	0.	0.	0.
23	23	145	~TorsionSISMA SLD X	0.	0.	0.
23	23	111	~TorsionSISMA SLD X	0.	0.	0.
23	23	16	~TorsionSISMA SLD X	0.	0.	0.
23	23	142	~TorsionSISMA SLD Y	0.	0.	0.
23	23	145	~TorsionSISMA SLD Y	0.	0.	0.
23	23	111	~TorsionSISMA SLD Y	0.	0.	0.
23	23	16	~TorsionSISMA SLD Y	0.	0.	0.
23	23	142	~TorsionSISMA SLO X	0.	0.	0.
23	23	145	~TorsionSISMA SLO X	0.	0.	0.
23	23	111	~TorsionSISMA SLO X	0.	0.	0.
23	23	16	~TorsionSISMA SLO X	0.	0.	0.
23	23	142	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
23	23	145	~TorsionSISMA SLO Y	0.	0.	0.
23	23	111	~TorsionSISMA SLO Y	0.	0.	0.
23	23	16	~TorsionSISMA SLO Y	0.	0.	0.
24	24	16	G1_K	40.33	79.45	18.89
24	24	111	G1_K	44.63	72.48	-1.33
24	24	108	G1_K	20.31	102.6	-21.53
24	24	143	G1_K	16.36	108.31	-1.3
24	24	16	G2_K	-60.42	15.31	-33.7
24	24	111	G2_K	-74.89	-57.99	9.21
24	24	108	G2_K	-23.52	-51.44	23.27
24	24	143	G2_K	-9.38	23.78	-19.64
24	24	16	Q_K	26.2	56.99	13.94
24	24	111	Q_K	28.1	48.66	1.39
24	24	108	Q_K	13.87	68.03	-12.55
24	24	143	Q_K	12.19	75.53	2.696E-03
24	24	16	N_K	3.14	6.84	1.67
24	24	111	N_K	3.37	5.84	0.17
24	24	108	N_K	1.66	8.16	-1.51
24	24	143	N_K	1.46	9.06	3.235E-04
24	24	16	T+_K	0.	0.	0.
24	24	111	T+_K	0.	0.	0.
24	24	108	T+_K	0.	0.	0.
24	24	143	T+_K	0.	0.	0.
24	24	16	T-_K	0.	0.	0.
24	24	111	T-_K	0.	0.	0.
24	24	108	T-_K	0.	0.	0.
24	24	143	T-_K	0.	0.	0.
24	24	16	G1_D	52.43	103.28	24.56
24	24	111	G1_D	58.02	94.22	-1.73
24	24	108	G1_D	26.41	133.38	-27.98
24	24	143	G1_D	21.26	140.8	-1.7
24	24	16	G2_D	-78.54	19.91	-43.82
24	24	111	G2_D	-97.36	-75.38	11.97
24	24	108	G2_D	-30.58	-66.87	30.26
24	24	143	G2_D	-12.19	30.92	-25.53
24	24	16	Q_D	39.3	85.49	20.91
24	24	111	Q_D	42.15	72.98	2.08
24	24	108	Q_D	20.81	102.05	-18.83
24	24	143	Q_D	18.29	113.29	4.044E-03
24	24	16	N_D	4.72	10.26	2.51
24	24	111	N_D	5.06	8.76	0.25
24	24	108	N_D	2.5	12.25	-2.26
24	24	143	N_D	2.19	13.6	4.853E-04
24	24	16	T+_D	0.	0.	0.
24	24	111	T+_D	0.	0.	0.
24	24	108	T+_D	0.	0.	0.
24	24	143	T+_D	0.	0.	0.
24	24	16	T-_D	0.	0.	0.
24	24	111	T-_D	0.	0.	0.
24	24	108	T-_D	0.	0.	0.
24	24	143	T-_D	0.	0.	0.
24	24	16	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
24	24	111	W+_K	0.	0.	0.
24	24	108	W+_K	0.	0.	0.
24	24	143	W+_K	0.	0.	0.
24	24	16	W-_K	0.	0.	0.
24	24	111	W-_K	0.	0.	0.
24	24	108	W-_K	0.	0.	0.
24	24	143	W-_K	0.	0.	0.
24	24	16	W+_D	0.	0.	0.
24	24	111	W+_D	0.	0.	0.
24	24	108	W+_D	0.	0.	0.
24	24	143	W+_D	0.	0.	0.
24	24	16	W-_D	0.	0.	0.
24	24	111	W-_D	0.	0.	0.
24	24	108	W-_D	0.	0.	0.
24	24	143	W-_D	0.	0.	0.
24	24	16	SISMA SLV X	26.93	20.97	16.11
24	24	111	SISMA SLV X	33.96	33.68	11.73
24	24	108	SISMA SLV X	7.6	37.25	4.71
24	24	143	SISMA SLV X	10.29	25.21	6.88
24	24	16	SISMA SLV Y	28.61	17.73	11.18
24	24	111	SISMA SLV Y	23.29	15.24	5.3
24	24	108	SISMA SLV Y	13.19	44.89	5.25
24	24	143	SISMA SLV Y	21.42	34.45	5.37
24	24	16	SISMA SLD X	13.15	10.24	7.87
24	24	111	SISMA SLD X	16.59	16.45	5.73
24	24	108	SISMA SLD X	3.71	18.2	2.3
24	24	143	SISMA SLD X	5.02	12.31	3.36
24	24	16	SISMA SLD Y	13.97	8.66	5.46
24	24	111	SISMA SLD Y	11.37	7.45	2.59
24	24	108	SISMA SLD Y	6.44	21.92	2.56
24	24	143	SISMA SLD Y	10.46	16.83	2.62
24	24	16	SISMA SLO X	10.9	8.49	6.52
24	24	111	SISMA SLO X	13.74	13.63	4.75
24	24	108	SISMA SLO X	3.07	15.08	1.9
24	24	143	SISMA SLO X	4.16	10.2	2.78
24	24	16	SISMA SLO Y	11.57	7.17	4.52
24	24	111	SISMA SLO Y	9.42	6.17	2.15
24	24	108	SISMA SLO Y	5.34	18.16	2.12
24	24	143	SISMA SLO Y	8.66	13.94	2.17
24	24	16	SLT	0.	0.	0.
24	24	111	SLT	0.	0.	0.
24	24	108	SLT	0.	0.	0.
24	24	143	SLT	0.	0.	0.
24	24	16	~TorsionSISMA SLV X	0.	0.	0.
24	24	111	~TorsionSISMA SLV X	0.	0.	0.
24	24	108	~TorsionSISMA SLV X	0.	0.	0.
24	24	143	~TorsionSISMA SLV X	0.	0.	0.
24	24	16	~TorsionSISMA SLV Y	0.	0.	0.
24	24	111	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
24	24	108	~TorsionSISMA SLV Y	0.	0.	0.
24	24	143	~TorsionSISMA SLV Y	0.	0.	0.
24	24	16	~TorsionSISMA SLD X	0.	0.	0.
24	24	111	~TorsionSISMA SLD X	0.	0.	0.
24	24	108	~TorsionSISMA SLD X	0.	0.	0.
24	24	143	~TorsionSISMA SLD X	0.	0.	0.
24	24	16	~TorsionSISMA SLD Y	0.	0.	0.
24	24	111	~TorsionSISMA SLD Y	0.	0.	0.
24	24	108	~TorsionSISMA SLD Y	0.	0.	0.
24	24	143	~TorsionSISMA SLD Y	0.	0.	0.
24	24	16	~TorsionSISMA SLO X	0.	0.	0.
24	24	111	~TorsionSISMA SLO X	0.	0.	0.
24	24	108	~TorsionSISMA SLO X	0.	0.	0.
24	24	143	~TorsionSISMA SLO X	0.	0.	0.
24	24	16	~TorsionSISMA SLO Y	0.	0.	0.
24	24	111	~TorsionSISMA SLO Y	0.	0.	0.
24	24	108	~TorsionSISMA SLO Y	0.	0.	0.
24	24	143	~TorsionSISMA SLO Y	0.	0.	0.
25	25	102	G1_K	-25.17	-127.86	-3.59
25	25	134	G1_K	-26.31	-128.87	-7.59
25	25	17	G1_K	-13.37	-101.88	-18.82
25	25	18	G1_K	-12.32	-100.21	-14.82
25	25	102	G2_K	-9.9	-48.1	-12.66
25	25	134	G2_K	0.33	2.2	-17.68
25	25	17	G2_K	3.73	-1.61	-39.19
25	25	18	G2_K	-6.36	-52.75	-34.17
25	25	102	Q_K	-6.47	-27.26	1.21
25	25	134	Q_K	-5.46	-32.16	-3.97
25	25	17	Q_K	-5.16	-24.03	-10.42
25	25	18	Q_K	-6.26	-18.91	-5.23
25	25	102	N_K	-0.78	-3.27	0.15
25	25	134	N_K	-0.66	-3.86	-0.48
25	25	17	N_K	-0.62	-2.88	-1.25
25	25	18	N_K	-0.75	-2.27	-0.63
25	25	102	T+_K	0.	0.	0.
25	25	134	T+_K	0.	0.	0.
25	25	17	T+_K	0.	0.	0.
25	25	18	T+_K	0.	0.	0.
25	25	102	T-_K	0.	0.	0.
25	25	134	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
25	25	17	T-_K	0.	0.	0.
25	25	18	T-_K	0.	0.	0.
25	25	102	G1_D	-32.72	-166.22	-4.66
25	25	134	G1_D	-34.2	-167.53	-9.87
25	25	17	G1_D	-17.38	-132.45	-24.47
25	25	18	G1_D	-16.01	-130.27	-19.26
25	25	102	G2_D	-12.87	-62.53	-16.45
25	25	134	G2_D	0.43	2.86	-22.98
25	25	17	G2_D	4.85	-2.09	-50.95
25	25	18	G2_D	-8.26	-68.57	-44.42
25	25	102	Q_D	-9.7	-40.89	1.82
25	25	134	Q_D	-8.19	-48.24	-5.96
25	25	17	Q_D	-7.75	-36.05	-15.63
25	25	18	Q_D	-9.38	-28.37	-7.85
25	25	102	N_D	-1.16	-4.91	0.22
25	25	134	N_D	-0.98	-5.79	-0.72
25	25	17	N_D	-0.93	-4.33	-1.88
25	25	18	N_D	-1.13	-3.4	-0.94
25	25	102	T+_D	0.	0.	0.
25	25	134	T+_D	0.	0.	0.
25	25	17	T+_D	0.	0.	0.
25	25	18	T+_D	0.	0.	0.
25	25	102	T-_D	0.	0.	0.
25	25	134	T-_D	0.	0.	0.
25	25	17	T-_D	0.	0.	0.
25	25	18	T-_D	0.	0.	0.
25	25	102	W+_K	0.	0.	0.
25	25	134	W+_K	0.	0.	0.
25	25	17	W+_K	0.	0.	0.
25	25	18	W+_K	0.	0.	0.
25	25	102	W-_K	0.	0.	0.
25	25	134	W-_K	0.	0.	0.
25	25	17	W-_K	0.	0.	0.
25	25	18	W-_K	0.	0.	0.
25	25	102	W+_D	0.	0.	0.
25	25	134	W+_D	0.	0.	0.
25	25	17	W+_D	0.	0.	0.
25	25	18	W+_D	0.	0.	0.
25	25	102	W-_D	0.	0.	0.
25	25	134	W-_D	0.	0.	0.
25	25	17	W-_D	0.	0.	0.
25	25	18	W-_D	0.	0.	0.
25	25	102	SISMA SLV X	14.71	69.34	10.73
25	25	134	SISMA SLV X	6.46	34.32	21.95
25	25	17	SISMA SLV X	2.11	17.65	43.74
25	25	18	SISMA SLV X	12.76	64.22	32.36
25	25	102	SISMA SLV Y	18.73	90.13	5.53
25	25	134	SISMA SLV Y	14.54	76.21	10.41
25	25	17	SISMA SLV Y	3.47	33.38	19.69
25	25	18	SISMA SLV Y	8.58	50.09	14.48
25	25	102	SISMA SLD X	7.18	33.87	5.24
25	25	134	SISMA SLD X	3.16	16.76	10.72
25	25	17	SISMA SLD X	1.03	8.62	21.36
25	25	18	SISMA SLD X	6.23	31.37	15.8

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
25	25	102	SISMA SLD Y	9.15	44.02	2.7
25	25	134	SISMA SLD Y	7.1	37.22	5.09
25	25	17	SISMA SLD Y	1.69	16.3	9.61
25	25	18	SISMA SLD Y	4.19	24.47	7.07
25	25	102	SISMA SLO X	5.95	28.06	4.34
25	25	134	SISMA SLO X	2.61	13.88	8.88
25	25	17	SISMA SLO X	0.85	7.14	17.7
25	25	18	SISMA SLO X	5.16	25.99	13.09
25	25	102	SISMA SLO Y	7.58	36.46	2.24
25	25	134	SISMA SLO Y	5.88	30.82	4.21
25	25	17	SISMA SLO Y	1.4	13.5	7.96
25	25	18	SISMA SLO Y	3.47	20.27	5.86
25	25	102	SLT	0.	0.	0.
25	25	134	SLT	0.	0.	0.
25	25	17	SLT	0.	0.	0.
25	25	18	SLT	0.	0.	0.
25	25	102	~TorsionSISMA SLV X	0.	0.	0.
25	25	134	~TorsionSISMA SLV X	0.	0.	0.
25	25	17	~TorsionSISMA SLV X	0.	0.	0.
25	25	18	~TorsionSISMA SLV X	0.	0.	0.
25	25	102	~TorsionSISMA SLV Y	0.	0.	0.
25	25	134	~TorsionSISMA SLV Y	0.	0.	0.
25	25	17	~TorsionSISMA SLV Y	0.	0.	0.
25	25	18	~TorsionSISMA SLV Y	0.	0.	0.
25	25	102	~TorsionSISMA SLD X	0.	0.	0.
25	25	134	~TorsionSISMA SLD X	0.	0.	0.
25	25	17	~TorsionSISMA SLD X	0.	0.	0.
25	25	18	~TorsionSISMA SLD X	0.	0.	0.
25	25	102	~TorsionSISMA SLD Y	0.	0.	0.
25	25	134	~TorsionSISMA SLD Y	0.	0.	0.
25	25	17	~TorsionSISMA SLD Y	0.	0.	0.
25	25	18	~TorsionSISMA SLD Y	0.	0.	0.
25	25	102	~TorsionSISMA SLO X	0.	0.	0.
25	25	134	~TorsionSISMA SLO X	0.	0.	0.
25	25	17	~TorsionSISMA SLO X	0.	0.	0.
25	25	18	~TorsionSISMA SLO X	0.	0.	0.
25	25	102	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
25	25	134	~TorsionSISMA SLO Y	0.	0.	0.
25	25	17	~TorsionSISMA SLO Y	0.	0.	0.
25	25	18	~TorsionSISMA SLO Y	0.	0.	0.
26	26	18	G1_K	-11.22	-76.05	-1.58
26	26	17	G1_K	-8.32	-95.28	-19.5
26	26	135	G1_K	-10.77	-91.61	-21.59
26	26	136	G1_K	-13.89	-72.58	-3.67
26	26	18	G2_K	-2.93	-36.53	-24.05
26	26	17	G2_K	3.62	-1.23	-37.47
26	26	135	G2_K	3.96	-4.78	-34.34
26	26	136	G2_K	-2.49	-40.62	-20.91
26	26	18	Q_K	-9.15	-17.92	-0.76
26	26	17	Q_K	-2.04	-23.89	-11.35
26	26	135	Q_K	-3.97	-20.99	-12.85
26	26	136	Q_K	-11.19	-15.17	-2.26
26	26	18	N_K	-1.1	-2.15	-9.075E-02
26	26	17	N_K	-0.24	-2.87	-1.36
26	26	135	N_K	-0.48	-2.52	-1.54
26	26	136	N_K	-1.34	-1.82	-0.27
26	26	18	T+_K	0.	0.	0.
26	26	17	T+_K	0.	0.	0.
26	26	135	T+_K	0.	0.	0.
26	26	136	T+_K	0.	0.	0.
26	26	18	T-_K	0.	0.	0.
26	26	17	T-_K	0.	0.	0.
26	26	135	T-_K	0.	0.	0.
26	26	136	T-_K	0.	0.	0.
26	26	18	G1_D	-14.58	-98.87	-2.06
26	26	17	G1_D	-10.82	-123.86	-25.35
26	26	135	G1_D	-14.	-119.09	-28.07
26	26	136	G1_D	-18.05	-94.36	-4.78
26	26	18	G2_D	-3.81	-47.49	-31.26
26	26	17	G2_D	4.71	-1.6	-48.72
26	26	135	G2_D	5.14	-6.22	-44.64
26	26	136	G2_D	-3.24	-52.8	-27.18
26	26	18	Q_D	-13.73	-26.88	-1.13
26	26	17	Q_D	-3.06	-35.83	-17.02
26	26	135	Q_D	-5.96	-31.49	-19.27
26	26	136	Q_D	-16.79	-22.76	-3.39
26	26	18	N_D	-1.65	-3.23	-0.14
26	26	17	N_D	-0.37	-4.3	-2.04
26	26	135	N_D	-0.71	-3.78	-2.31
26	26	136	N_D	-2.01	-2.73	-0.41
26	26	18	T+_D	0.	0.	0.
26	26	17	T+_D	0.	0.	0.
26	26	135	T+_D	0.	0.	0.
26	26	136	T+_D	0.	0.	0.
26	26	18	T-_D	0.	0.	0.
26	26	17	T-_D	0.	0.	0.
26	26	135	T-_D	0.	0.	0.
26	26	136	T-_D	0.	0.	0.
26	26	18	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
26	26	17	W+_K	0.	0.	0.
26	26	135	W+_K	0.	0.	0.
26	26	136	W+_K	0.	0.	0.
26	26	18	W-_K	0.	0.	0.
26	26	17	W-_K	0.	0.	0.
26	26	135	W-_K	0.	0.	0.
26	26	136	W-_K	0.	0.	0.
26	26	18	W+_D	0.	0.	0.
26	26	17	W+_D	0.	0.	0.
26	26	135	W+_D	0.	0.	0.
26	26	136	W+_D	0.	0.	0.
26	26	18	W-_D	0.	0.	0.
26	26	17	W-_D	0.	0.	0.
26	26	135	W-_D	0.	0.	0.
26	26	136	W-_D	0.	0.	0.
26	26	18	SISMA SLV X	11.27	43.05	18.4
26	26	17	SISMA SLV X	1.9	17.67	42.47
26	26	135	SISMA SLV X	3.74	16.44	39.71
26	26	136	SISMA SLV X	15.17	46.08	15.46
26	26	18	SISMA SLV Y	12.4	46.45	8.61
26	26	17	SISMA SLV Y	2.98	34.61	19.11
26	26	135	SISMA SLV Y	4.65	16.03	18.17
26	26	136	SISMA SLV Y	12.12	29.81	6.98
26	26	18	SISMA SLD X	5.51	21.03	8.98
26	26	17	SISMA SLD X	0.93	8.63	20.74
26	26	135	SISMA SLD X	1.83	8.03	19.4
26	26	136	SISMA SLD X	7.41	22.51	7.55
26	26	18	SISMA SLD Y	6.05	22.69	4.21
26	26	17	SISMA SLD Y	1.45	16.9	9.33
26	26	135	SISMA SLD Y	2.27	7.83	8.88
26	26	136	SISMA SLD Y	5.92	14.56	3.41
26	26	18	SISMA SLO X	4.56	17.42	7.44
26	26	17	SISMA SLO X	0.76	7.15	17.18
26	26	135	SISMA SLO X	1.51	6.65	16.07
26	26	136	SISMA SLO X	6.14	18.65	6.26
26	26	18	SISMA SLO Y	5.01	18.79	3.48
26	26	17	SISMA SLO Y	1.2	14.	7.73
26	26	135	SISMA SLO Y	1.88	6.48	7.35
26	26	136	SISMA SLO Y	4.9	12.06	2.82
26	26	18	SLT	0.	0.	0.
26	26	17	SLT	0.	0.	0.
26	26	135	SLT	0.	0.	0.
26	26	136	SLT	0.	0.	0.
26	26	18	~TorsionSISMA SLV X	0.	0.	0.
26	26	17	~TorsionSISMA SLV X	0.	0.	0.
26	26	135	~TorsionSISMA SLV X	0.	0.	0.
26	26	136	~TorsionSISMA SLV X	0.	0.	0.
26	26	18	~TorsionSISMA SLV Y	0.	0.	0.
26	26	17	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
26	26	135	~TorsionSISMA SLV Y	0.	0.	0.
26	26	136	~TorsionSISMA SLV Y	0.	0.	0.
26	26	18	~TorsionSISMA SLD X	0.	0.	0.
26	26	17	~TorsionSISMA SLD X	0.	0.	0.
26	26	135	~TorsionSISMA SLD X	0.	0.	0.
26	26	136	~TorsionSISMA SLD X	0.	0.	0.
26	26	18	~TorsionSISMA SLD Y	0.	0.	0.
26	26	17	~TorsionSISMA SLD Y	0.	0.	0.
26	26	135	~TorsionSISMA SLD Y	0.	0.	0.
26	26	136	~TorsionSISMA SLD Y	0.	0.	0.
26	26	18	~TorsionSISMA SLO X	0.	0.	0.
26	26	17	~TorsionSISMA SLO X	0.	0.	0.
26	26	135	~TorsionSISMA SLO X	0.	0.	0.
26	26	136	~TorsionSISMA SLO X	0.	0.	0.
26	26	18	~TorsionSISMA SLO Y	0.	0.	0.
26	26	17	~TorsionSISMA SLO Y	0.	0.	0.
26	26	135	~TorsionSISMA SLO Y	0.	0.	0.
26	26	136	~TorsionSISMA SLO Y	0.	0.	0.
27	27	136	G1_K	-19.45	-57.4	1.54
27	27	135	G1_K	0.78	-76.88	-26.47
27	27	19	G1_K	-13.78	-72.65	-26.21
27	27	20	G1_K	-34.42	-52.32	1.8
27	27	136	G2_K	0.42	-24.83	-21.21
27	27	135	G2_K	6.	4.17	-36.48
27	27	19	G2_K	-0.76	-3.37	-34.45
27	27	20	G2_K	-6.23	-33.14	-19.18
27	27	136	Q_K	-15.47	-12.47	1.05
27	27	135	Q_K	0.96	-20.44	-16.13
27	27	19	Q_K	-6.66	-16.78	-16.9
27	27	20	Q_K	-23.32	-8.32	0.29
27	27	136	N_K	-1.86	-1.5	0.13
27	27	135	N_K	0.11	-2.45	-1.94
27	27	19	N_K	-0.8	-2.01	-2.03
27	27	20	N_K	-2.8	-1.	3.420E-02
27	27	136	T+_K	0.	0.	0.
27	27	135	T+_K	0.	0.	0.
27	27	19	T+_K	0.	0.	0.
27	27	20	T+_K	0.	0.	0.
27	27	136	T-_K	0.	0.	0.
27	27	135	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
27	27	19	T-_K	0.	0.	0.
27	27	20	T-_K	0.	0.	0.
27	27	136	G1_D	-25.29	-74.62	2.
27	27	135	G1_D	1.01	-99.94	-34.41
27	27	19	G1_D	-17.92	-94.45	-34.07
27	27	20	G1_D	-44.74	-68.01	2.34
27	27	136	G2_D	0.55	-32.27	-27.57
27	27	135	G2_D	7.79	5.43	-47.43
27	27	19	G2_D	-0.99	-4.38	-44.79
27	27	20	G2_D	-8.1	-43.08	-24.93
27	27	136	Q_D	-23.21	-18.71	1.58
27	27	135	Q_D	1.44	-30.66	-24.19
27	27	19	Q_D	-9.99	-25.17	-25.34
27	27	20	Q_D	-34.98	-12.49	0.43
27	27	136	N_D	-2.78	-2.24	0.19
27	27	135	N_D	0.17	-3.68	-2.9
27	27	19	N_D	-1.2	-3.02	-3.04
27	27	20	N_D	-4.2	-1.5	5.130E-02
27	27	136	T+_D	0.	0.	0.
27	27	135	T+_D	0.	0.	0.
27	27	19	T+_D	0.	0.	0.
27	27	20	T+_D	0.	0.	0.
27	27	136	T-_D	0.	0.	0.
27	27	135	T-_D	0.	0.	0.
27	27	19	T-_D	0.	0.	0.
27	27	20	T-_D	0.	0.	0.
27	27	136	W+_K	0.	0.	0.
27	27	135	W+_K	0.	0.	0.
27	27	19	W+_K	0.	0.	0.
27	27	20	W+_K	0.	0.	0.
27	27	136	W-_K	0.	0.	0.
27	27	135	W-_K	0.	0.	0.
27	27	19	W-_K	0.	0.	0.
27	27	20	W-_K	0.	0.	0.
27	27	136	W+_D	0.	0.	0.
27	27	135	W+_D	0.	0.	0.
27	27	19	W+_D	0.	0.	0.
27	27	20	W+_D	0.	0.	0.
27	27	136	W-_D	0.	0.	0.
27	27	135	W-_D	0.	0.	0.
27	27	19	W-_D	0.	0.	0.
27	27	20	W-_D	0.	0.	0.
27	27	136	SISMA SLV X	15.92	27.31	15.27
27	27	135	SISMA SLV X	5.32	7.99	41.63
27	27	19	SISMA SLV X	10.75	15.4	39.68
27	27	20	SISMA SLV X	25.83	32.29	13.56
27	27	136	SISMA SLV Y	19.92	33.23	6.95
27	27	135	SISMA SLV Y	11.5	9.51	18.86
27	27	19	SISMA SLV Y	12.79	12.24	18.34
27	27	20	SISMA SLV Y	21.82	20.93	8.57
27	27	136	SISMA SLD X	7.78	13.34	7.46
27	27	135	SISMA SLD X	2.6	3.9	20.34
27	27	19	SISMA SLD X	5.25	7.52	19.38
27	27	20	SISMA SLD X	12.62	15.77	6.62

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
27	27	136	SISMA SLD Y	9.73	16.23	3.39
27	27	135	SISMA SLD Y	5.61	4.64	9.21
27	27	19	SISMA SLD Y	6.25	5.97	8.96
27	27	20	SISMA SLD Y	10.65	10.22	4.18
27	27	136	SISMA SLO X	6.44	11.05	6.18
27	27	135	SISMA SLO X	2.15	3.23	16.85
27	27	19	SISMA SLO X	4.35	6.23	16.06
27	27	20	SISMA SLO X	10.45	13.07	5.49
27	27	136	SISMA SLO Y	8.06	13.44	2.81
27	27	135	SISMA SLO Y	4.64	3.84	7.63
27	27	19	SISMA SLO Y	5.17	4.94	7.42
27	27	20	SISMA SLO Y	8.82	8.47	3.47
27	27	136	SLT	0.	0.	0.
27	27	135	SLT	0.	0.	0.
27	27	19	SLT	0.	0.	0.
27	27	20	SLT	0.	0.	0.
27	27	136	~TorsionSISMA SLV X	0.	0.	0.
27	27	135	~TorsionSISMA SLV X	0.	0.	0.
27	27	19	~TorsionSISMA SLV X	0.	0.	0.
27	27	20	~TorsionSISMA SLV X	0.	0.	0.
27	27	136	~TorsionSISMA SLV Y	0.	0.	0.
27	27	135	~TorsionSISMA SLV Y	0.	0.	0.
27	27	19	~TorsionSISMA SLV Y	0.	0.	0.
27	27	20	~TorsionSISMA SLV Y	0.	0.	0.
27	27	136	~TorsionSISMA SLD X	0.	0.	0.
27	27	135	~TorsionSISMA SLD X	0.	0.	0.
27	27	19	~TorsionSISMA SLD X	0.	0.	0.
27	27	20	~TorsionSISMA SLD X	0.	0.	0.
27	27	136	~TorsionSISMA SLD Y	0.	0.	0.
27	27	135	~TorsionSISMA SLD Y	0.	0.	0.
27	27	19	~TorsionSISMA SLD Y	0.	0.	0.
27	27	20	~TorsionSISMA SLD Y	0.	0.	0.
27	27	136	~TorsionSISMA SLO X	0.	0.	0.
27	27	135	~TorsionSISMA SLO X	0.	0.	0.
27	27	19	~TorsionSISMA SLO X	0.	0.	0.
27	27	20	~TorsionSISMA SLO X	0.	0.	0.
27	27	136	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
27	27	135	~TorsionSISMA SLO Y	0.	0.	0.
27	27	19	~TorsionSISMA SLO Y	0.	0.	0.
27	27	20	~TorsionSISMA SLO Y	0.	0.	0.
28	28	20	G1_K	-41.65	-47.68	-7.15
28	28	19	G1_K	-1.11	-50.1	-20.01
28	28	137	G1_K	-2.55	-35.27	-11.19
28	28	138	G1_K	-43.19	-33.71	1.67
28	28	20	G2_K	-3.49	-12.9	-19.68
28	28	19	G2_K	1.73	2.54	-32.58
28	28	137	G2_K	-1.13	-6.18	-33.59
28	28	138	G2_K	-6.35	-21.82	-20.68
28	28	20	Q_K	-29.12	-13.59	-5.37
28	28	19	Q_K	-0.94	-11.88	-12.94
28	28	137	Q_K	-0.21	-1.23	-6.85
28	28	138	Q_K	-28.43	-3.52	0.72
28	28	20	N_K	-3.49	-1.63	-0.64
28	28	19	N_K	-0.11	-1.43	-1.55
28	28	137	N_K	-2.546E-02	-0.15	-0.82
28	28	138	N_K	-3.41	-0.42	8.587E-02
28	28	20	T+_K	0.	0.	0.
28	28	19	T+_K	0.	0.	0.
28	28	137	T+_K	0.	0.	0.
28	28	138	T+_K	0.	0.	0.
28	28	20	T-_K	0.	0.	0.
28	28	19	T-_K	0.	0.	0.
28	28	137	T-_K	0.	0.	0.
28	28	138	T-_K	0.	0.	0.
28	28	20	G1_D	-54.14	-61.98	-9.3
28	28	19	G1_D	-1.44	-65.13	-26.01
28	28	137	G1_D	-3.32	-45.86	-14.54
28	28	138	G1_D	-56.15	-43.82	2.18
28	28	20	G2_D	-4.54	-16.77	-25.58
28	28	19	G2_D	2.25	3.3	-42.36
28	28	137	G2_D	-1.47	-8.03	-43.66
28	28	138	G2_D	-8.25	-28.37	-26.88
28	28	20	Q_D	-43.67	-20.38	-8.06
28	28	19	Q_D	-1.41	-17.82	-19.4
28	28	137	Q_D	-0.32	-1.85	-10.27
28	28	138	Q_D	-42.65	-5.27	1.07
28	28	20	N_D	-5.24	-2.45	-0.97
28	28	19	N_D	-0.17	-2.14	-2.33
28	28	137	N_D	-3.819E-02	-0.22	-1.23
28	28	138	N_D	-5.12	-0.63	0.13
28	28	20	T+_D	0.	0.	0.
28	28	19	T+_D	0.	0.	0.
28	28	137	T+_D	0.	0.	0.
28	28	138	T+_D	0.	0.	0.
28	28	20	T-_D	0.	0.	0.
28	28	19	T-_D	0.	0.	0.
28	28	137	T-_D	0.	0.	0.
28	28	138	T-_D	0.	0.	0.
28	28	20	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
28	28	19	W+_K	0.	0.	0.
28	28	137	W+_K	0.	0.	0.
28	28	138	W+_K	0.	0.	0.
28	28	20	W-_K	0.	0.	0.
28	28	19	W-_K	0.	0.	0.
28	28	137	W-_K	0.	0.	0.
28	28	138	W-_K	0.	0.	0.
28	28	20	W+_D	0.	0.	0.
28	28	19	W+_D	0.	0.	0.
28	28	137	W+_D	0.	0.	0.
28	28	138	W+_D	0.	0.	0.
28	28	20	W-_D	0.	0.	0.
28	28	19	W-_D	0.	0.	0.
28	28	137	W-_D	0.	0.	0.
28	28	138	W-_D	0.	0.	0.
28	28	20	SISMA SLV X	26.71	19.1	18.83
28	28	19	SISMA SLV X	7.53	5.38	32.8
28	28	137	SISMA SLV X	9.98	11.53	30.3
28	28	138	SISMA SLV X	28.52	22.76	16.77
28	28	20	SISMA SLV Y	25.66	23.34	9.61
28	28	19	SISMA SLV Y	15.2	11.69	15.82
28	28	137	SISMA SLV Y	18.08	21.85	20.08
28	28	138	SISMA SLV Y	23.75	14.68	15.58
28	28	20	SISMA SLD X	13.05	9.33	9.2
28	28	19	SISMA SLD X	3.68	2.63	16.02
28	28	137	SISMA SLD X	4.87	5.63	14.8
28	28	138	SISMA SLD X	13.93	11.12	8.19
28	28	20	SISMA SLD Y	12.53	11.4	4.69
28	28	19	SISMA SLD Y	7.42	5.71	7.73
28	28	137	SISMA SLD Y	8.83	10.67	9.81
28	28	138	SISMA SLD Y	11.6	7.17	7.61
28	28	20	SISMA SLO X	10.81	7.73	7.62
28	28	19	SISMA SLO X	3.05	2.18	13.27
28	28	137	SISMA SLO X	4.04	4.67	12.26
28	28	138	SISMA SLO X	11.54	9.21	6.78
28	28	20	SISMA SLO Y	10.38	9.44	3.89
28	28	19	SISMA SLO Y	6.14	4.72	6.4
28	28	137	SISMA SLO Y	7.31	8.84	8.12
28	28	138	SISMA SLO Y	9.61	5.94	6.3
28	28	20	SLT	0.	0.	0.
28	28	19	SLT	0.	0.	0.
28	28	137	SLT	0.	0.	0.
28	28	138	SLT	0.	0.	0.
28	28	20	~TorsionSISMA SLV X	0.	0.	0.
28	28	19	~TorsionSISMA SLV X	0.	0.	0.
28	28	137	~TorsionSISMA SLV X	0.	0.	0.
28	28	138	~TorsionSISMA SLV X	0.	0.	0.
28	28	20	~TorsionSISMA SLV Y	0.	0.	0.
28	28	19	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
28	28	137	~TorsionSISMA SLV Y	0.	0.	0.
28	28	138	~TorsionSISMA SLV Y	0.	0.	0.
28	28	20	~TorsionSISMA SLD X	0.	0.	0.
28	28	19	~TorsionSISMA SLD X	0.	0.	0.
28	28	137	~TorsionSISMA SLD X	0.	0.	0.
28	28	138	~TorsionSISMA SLD X	0.	0.	0.
28	28	20	~TorsionSISMA SLD Y	0.	0.	0.
28	28	19	~TorsionSISMA SLD Y	0.	0.	0.
28	28	137	~TorsionSISMA SLD Y	0.	0.	0.
28	28	138	~TorsionSISMA SLD Y	0.	0.	0.
28	28	20	~TorsionSISMA SLO X	0.	0.	0.
28	28	19	~TorsionSISMA SLO X	0.	0.	0.
28	28	137	~TorsionSISMA SLO X	0.	0.	0.
28	28	138	~TorsionSISMA SLO X	0.	0.	0.
28	28	20	~TorsionSISMA SLO Y	0.	0.	0.
28	28	19	~TorsionSISMA SLO Y	0.	0.	0.
28	28	137	~TorsionSISMA SLO Y	0.	0.	0.
28	28	138	~TorsionSISMA SLO Y	0.	0.	0.
29	29	134	G1_K	-27.12	-129.37	-5.21
29	29	140	G1_K	-30.87	-161.01	-1.39
29	29	21	G1_K	-18.23	-132.82	-14.68
29	29	17	G1_K	-14.44	-101.76	-18.5
29	29	134	G2_K	0.14	1.85	-17.8
29	29	140	G2_K	7.12	35.31	-16.38
29	29	21	G2_K	6.44	31.73	-35.06
29	29	17	G2_K	-0.48	-2.14	-36.48
29	29	134	Q_K	-8.17	-35.72	-2.51
29	29	140	Q_K	-10.18	-56.02	-1.3
29	29	21	Q_K	-5.06	-40.35	-9.98
29	29	17	Q_K	-3.	-20.58	-11.18
29	29	134	N_K	-0.98	-4.29	-0.3
29	29	140	N_K	-1.22	-6.72	-0.16
29	29	21	N_K	-0.61	-4.84	-1.2
29	29	17	N_K	-0.36	-2.47	-1.34
29	29	134	T+_K	0.	0.	0.
29	29	140	T+_K	0.	0.	0.
29	29	21	T+_K	0.	0.	0.
29	29	17	T+_K	0.	0.	0.
29	29	134	T-_K	0.	0.	0.
29	29	140	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
29	29	21	T-_K	0.	0.	0.
29	29	17	T-_K	0.	0.	0.
29	29	134	G1_D	-35.26	-168.18	-6.77
29	29	140	G1_D	-40.13	-209.32	-1.81
29	29	21	G1_D	-23.7	-172.67	-19.09
29	29	17	G1_D	-18.77	-132.28	-24.05
29	29	134	G2_D	0.18	2.41	-23.15
29	29	140	G2_D	9.26	45.9	-21.3
29	29	21	G2_D	8.37	41.25	-45.58
29	29	17	G2_D	-0.62	-2.79	-47.42
29	29	134	Q_D	-12.26	-53.58	-3.76
29	29	140	Q_D	-15.27	-84.03	-1.96
29	29	21	Q_D	-7.59	-60.53	-14.97
29	29	17	Q_D	-4.5	-30.88	-16.77
29	29	134	N_D	-1.47	-6.43	-0.45
29	29	140	N_D	-1.83	-10.08	-0.23
29	29	21	N_D	-0.91	-7.26	-1.8
29	29	17	N_D	-0.54	-3.71	-2.01
29	29	134	T+_D	0.	0.	0.
29	29	140	T+_D	0.	0.	0.
29	29	21	T+_D	0.	0.	0.
29	29	17	T+_D	0.	0.	0.
29	29	134	T-_D	0.	0.	0.
29	29	140	T-_D	0.	0.	0.
29	29	21	T-_D	0.	0.	0.
29	29	17	T-_D	0.	0.	0.
29	29	134	W+_K	0.	0.	0.
29	29	140	W+_K	0.	0.	0.
29	29	21	W+_K	0.	0.	0.
29	29	17	W+_K	0.	0.	0.
29	29	134	W-_K	0.	0.	0.
29	29	140	W-_K	0.	0.	0.
29	29	21	W-_K	0.	0.	0.
29	29	17	W-_K	0.	0.	0.
29	29	134	W+_D	0.	0.	0.
29	29	140	W+_D	0.	0.	0.
29	29	21	W+_D	0.	0.	0.
29	29	17	W+_D	0.	0.	0.
29	29	134	W-_D	0.	0.	0.
29	29	140	W-_D	0.	0.	0.
29	29	21	W-_D	0.	0.	0.
29	29	17	W-_D	0.	0.	0.
29	29	134	SISMA SLV X	8.47	36.92	20.18
29	29	140	SISMA SLV X	8.11	43.17	17.61
29	29	21	SISMA SLV X	5.74	23.49	40.83
29	29	17	SISMA SLV X	4.36	15.43	43.36
29	29	134	SISMA SLV Y	17.64	80.06	9.72
29	29	140	SISMA SLV Y	16.76	91.7	8.25
29	29	21	SISMA SLV Y	8.45	42.72	18.57
29	29	17	SISMA SLV Y	9.23	31.43	19.52
29	29	134	SISMA SLD X	4.14	18.03	9.86
29	29	140	SISMA SLD X	3.96	21.08	8.6
29	29	21	SISMA SLD X	2.8	11.47	19.94
29	29	17	SISMA SLD X	2.13	7.53	21.18

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
29	29	134	SISMA SLD Y	8.62	39.1	4.75
29	29	140	SISMA SLD Y	8.19	44.79	4.03
29	29	21	SISMA SLD Y	4.12	20.86	9.07
29	29	17	SISMA SLD Y	4.51	15.35	9.53
29	29	134	SISMA SLO X	3.43	14.93	8.16
29	29	140	SISMA SLO X	3.28	17.46	7.12
29	29	21	SISMA SLO X	2.32	9.5	16.52
29	29	17	SISMA SLO X	1.76	6.24	17.54
29	29	134	SISMA SLO Y	7.14	32.38	3.93
29	29	140	SISMA SLO Y	6.78	37.09	3.34
29	29	21	SISMA SLO Y	3.42	17.28	7.51
29	29	17	SISMA SLO Y	3.73	12.71	7.9
29	29	134	SLT	0.	0.	0.
29	29	140	SLT	0.	0.	0.
29	29	21	SLT	0.	0.	0.
29	29	17	SLT	0.	0.	0.
29	29	134	~TorsionSISMA SLV X	0.	0.	0.
29	29	140	~TorsionSISMA SLV X	0.	0.	0.
29	29	21	~TorsionSISMA SLV X	0.	0.	0.
29	29	17	~TorsionSISMA SLV X	0.	0.	0.
29	29	134	~TorsionSISMA SLV Y	0.	0.	0.
29	29	140	~TorsionSISMA SLV Y	0.	0.	0.
29	29	21	~TorsionSISMA SLV Y	0.	0.	0.
29	29	17	~TorsionSISMA SLV Y	0.	0.	0.
29	29	134	~TorsionSISMA SLD X	0.	0.	0.
29	29	140	~TorsionSISMA SLD X	0.	0.	0.
29	29	21	~TorsionSISMA SLD X	0.	0.	0.
29	29	17	~TorsionSISMA SLD X	0.	0.	0.
29	29	134	~TorsionSISMA SLD Y	0.	0.	0.
29	29	140	~TorsionSISMA SLD Y	0.	0.	0.
29	29	21	~TorsionSISMA SLD Y	0.	0.	0.
29	29	17	~TorsionSISMA SLD Y	0.	0.	0.
29	29	134	~TorsionSISMA SLO X	0.	0.	0.
29	29	140	~TorsionSISMA SLO X	0.	0.	0.
29	29	21	~TorsionSISMA SLO X	0.	0.	0.
29	29	17	~TorsionSISMA SLO X	0.	0.	0.
29	29	134	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
29	29	140	~TorsionSISMA SLO Y	0.	0.	0.
29	29	21	~TorsionSISMA SLO Y	0.	0.	0.
29	29	17	~TorsionSISMA SLO Y	0.	0.	0.
30	30	17	G1_K	-17.33	-107.72	-16.71
30	30	21	G1_K	-16.06	-130.42	-15.29
30	30	141	G1_K	-2.73	-102.38	-19.17
30	30	135	G1_K	-4.07	-79.63	-20.6
30	30	17	G2_K	-0.69	-1.95	-34.11
30	30	21	G2_K	8.08	38.68	-32.5
30	30	141	G2_K	3.97	34.48	-32.66
30	30	135	G2_K	-4.72	-6.66	-34.28
30	30	17	Q_K	-6.28	-30.67	-10.36
30	30	21	Q_K	-4.21	-42.41	-9.95
30	30	141	Q_K	1.1	-26.19	-12.15
30	30	135	Q_K	-1.	-14.47	-12.56
30	30	17	N_K	-0.75	-3.68	-1.24
30	30	21	N_K	-0.51	-5.09	-1.19
30	30	141	N_K	0.13	-3.14	-1.46
30	30	135	N_K	-0.12	-1.74	-1.51
30	30	17	T+_K	0.	0.	0.
30	30	21	T+_K	0.	0.	0.
30	30	141	T+_K	0.	0.	0.
30	30	135	T+_K	0.	0.	0.
30	30	17	T-_K	0.	0.	0.
30	30	21	T-_K	0.	0.	0.
30	30	141	T-_K	0.	0.	0.
30	30	135	T-_K	0.	0.	0.
30	30	17	G1_D	-22.53	-140.03	-21.73
30	30	21	G1_D	-20.87	-169.55	-19.87
30	30	141	G1_D	-3.55	-133.09	-24.92
30	30	135	G1_D	-5.29	-103.52	-26.78
30	30	17	G2_D	-0.9	-2.53	-44.35
30	30	21	G2_D	10.51	50.29	-42.25
30	30	141	G2_D	5.16	44.83	-42.46
30	30	135	G2_D	-6.14	-8.66	-44.56
30	30	17	Q_D	-9.41	-46.	-15.54
30	30	21	Q_D	-6.32	-63.62	-14.92
30	30	141	Q_D	1.65	-39.28	-18.23
30	30	135	Q_D	-1.5	-21.7	-18.85
30	30	17	N_D	-1.13	-5.52	-1.86
30	30	21	N_D	-0.76	-7.63	-1.79
30	30	141	N_D	0.2	-4.71	-2.19
30	30	135	N_D	-0.18	-2.6	-2.26
30	30	17	T+_D	0.	0.	0.
30	30	21	T+_D	0.	0.	0.
30	30	141	T+_D	0.	0.	0.
30	30	135	T+_D	0.	0.	0.
30	30	17	T-_D	0.	0.	0.
30	30	21	T-_D	0.	0.	0.
30	30	141	T-_D	0.	0.	0.
30	30	135	T-_D	0.	0.	0.
30	30	17	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
30	30	21	W+_K	0.	0.	0.
30	30	141	W+_K	0.	0.	0.
30	30	135	W+_K	0.	0.	0.
30	30	17	W-_K	0.	0.	0.
30	30	21	W-_K	0.	0.	0.
30	30	141	W-_K	0.	0.	0.
30	30	135	W-_K	0.	0.	0.
30	30	17	W+_D	0.	0.	0.
30	30	21	W+_D	0.	0.	0.
30	30	141	W+_D	0.	0.	0.
30	30	135	W+_D	0.	0.	0.
30	30	17	W-_D	0.	0.	0.
30	30	21	W-_D	0.	0.	0.
30	30	141	W-_D	0.	0.	0.
30	30	135	W-_D	0.	0.	0.
30	30	17	SISMA SLV X	8.03	25.82	39.68
30	30	21	SISMA SLV X	7.28	25.63	37.94
30	30	141	SISMA SLV X	7.13	19.5	37.2
30	30	135	SISMA SLV X	5.95	12.12	38.96
30	30	17	SISMA SLV Y	14.98	48.88	18.78
30	30	21	SISMA SLV Y	6.77	42.66	17.17
30	30	141	SISMA SLV Y	9.92	12.01	17.15
30	30	135	SISMA SLV Y	5.39	9.11	19.
30	30	17	SISMA SLD X	3.92	12.61	19.38
30	30	21	SISMA SLD X	3.55	12.52	18.53
30	30	141	SISMA SLD X	3.48	9.52	18.17
30	30	135	SISMA SLD X	2.9	5.92	19.03
30	30	17	SISMA SLD Y	7.31	23.87	9.17
30	30	21	SISMA SLD Y	3.31	20.83	8.39
30	30	141	SISMA SLD Y	4.85	5.87	8.38
30	30	135	SISMA SLD Y	2.63	4.45	9.28
30	30	17	SISMA SLO X	3.25	10.44	16.06
30	30	21	SISMA SLO X	2.94	10.37	15.35
30	30	141	SISMA SLO X	2.89	7.89	15.05
30	30	135	SISMA SLO X	2.41	4.9	15.77
30	30	17	SISMA SLO Y	6.06	19.77	7.6
30	30	21	SISMA SLO Y	2.74	17.25	6.95
30	30	141	SISMA SLO Y	4.01	4.85	6.94
30	30	135	SISMA SLO Y	2.17	3.67	7.69
30	30	17	SLT	0.	0.	0.
30	30	21	SLT	0.	0.	0.
30	30	141	SLT	0.	0.	0.
30	30	135	SLT	0.	0.	0.
30	30	17	~TorsionSISMA SLV X	0.	0.	0.
30	30	21	~TorsionSISMA SLV X	0.	0.	0.
30	30	141	~TorsionSISMA SLV X	0.	0.	0.
30	30	135	~TorsionSISMA SLV X	0.	0.	0.
30	30	17	~TorsionSISMA SLV Y	0.	0.	0.
30	30	21	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
30	30	141	~TorsionSISMA SLV Y	0.	0.	0.
30	30	135	~TorsionSISMA SLV Y	0.	0.	0.
30	30	17	~TorsionSISMA SLD X	0.	0.	0.
30	30	21	~TorsionSISMA SLD X	0.	0.	0.
30	30	141	~TorsionSISMA SLD X	0.	0.	0.
30	30	135	~TorsionSISMA SLD X	0.	0.	0.
30	30	17	~TorsionSISMA SLD Y	0.	0.	0.
30	30	21	~TorsionSISMA SLD Y	0.	0.	0.
30	30	141	~TorsionSISMA SLD Y	0.	0.	0.
30	30	135	~TorsionSISMA SLD Y	0.	0.	0.
30	30	17	~TorsionSISMA SLO X	0.	0.	0.
30	30	21	~TorsionSISMA SLO X	0.	0.	0.
30	30	141	~TorsionSISMA SLO X	0.	0.	0.
30	30	135	~TorsionSISMA SLO X	0.	0.	0.
30	30	17	~TorsionSISMA SLO Y	0.	0.	0.
30	30	21	~TorsionSISMA SLO Y	0.	0.	0.
30	30	141	~TorsionSISMA SLO Y	0.	0.	0.
30	30	135	~TorsionSISMA SLO Y	0.	0.	0.
31	31	135	G1_K	-7.27	-87.92	-28.
31	31	141	G1_K	0.71	-92.84	-12.64
31	31	22	G1_K	21.27	-62.18	-9.64
31	31	19	G1_K	13.33	-57.8	-25.
31	31	135	G2_K	-3.6	0.9	-34.51
31	31	141	G2_K	3.41	29.79	-33.05
31	31	22	G2_K	-4.66	25.	-35.53
31	31	19	G2_K	-11.63	-4.18	-36.99
31	31	135	Q_K	-4.53	-27.01	-17.49
31	31	141	Q_K	1.75	-28.06	-7.64
31	31	22	Q_K	15.15	-8.86	-5.
31	31	19	Q_K	8.91	-8.19	-14.84
31	31	135	N_K	-0.54	-3.24	-2.1
31	31	141	N_K	0.21	-3.37	-0.92
31	31	22	N_K	1.82	-1.06	-0.6
31	31	19	N_K	1.07	-0.98	-1.78
31	31	135	T+_K	0.	0.	0.
31	31	141	T+_K	0.	0.	0.
31	31	22	T+_K	0.	0.	0.
31	31	19	T+_K	0.	0.	0.
31	31	135	T-_K	0.	0.	0.
31	31	141	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
31	31	22	T-_K	0.	0.	0.
31	31	19	T-_K	0.	0.	0.
31	31	135	G1_D	-9.45	-114.29	-36.4
31	31	141	G1_D	0.92	-120.7	-16.44
31	31	22	G1_D	27.65	-80.84	-12.53
31	31	19	G1_D	17.33	-75.14	-32.5
31	31	135	G2_D	-4.67	1.17	-44.86
31	31	141	G2_D	4.43	38.73	-42.97
31	31	22	G2_D	-6.06	32.5	-46.19
31	31	19	G2_D	-15.12	-5.44	-48.09
31	31	135	Q_D	-6.79	-40.52	-26.23
31	31	141	Q_D	2.62	-42.09	-11.47
31	31	22	Q_D	22.73	-13.29	-7.5
31	31	19	Q_D	13.37	-12.29	-22.27
31	31	135	N_D	-0.82	-4.86	-3.15
31	31	141	N_D	0.31	-5.05	-1.38
31	31	22	N_D	2.73	-1.59	-0.9
31	31	19	N_D	1.6	-1.47	-2.67
31	31	135	T+_D	0.	0.	0.
31	31	141	T+_D	0.	0.	0.
31	31	22	T+_D	0.	0.	0.
31	31	19	T+_D	0.	0.	0.
31	31	135	T-_D	0.	0.	0.
31	31	141	T-_D	0.	0.	0.
31	31	22	T-_D	0.	0.	0.
31	31	19	T-_D	0.	0.	0.
31	31	135	W+_K	0.	0.	0.
31	31	141	W+_K	0.	0.	0.
31	31	22	W+_K	0.	0.	0.
31	31	19	W+_K	0.	0.	0.
31	31	135	W-_K	0.	0.	0.
31	31	141	W-_K	0.	0.	0.
31	31	22	W-_K	0.	0.	0.
31	31	19	W-_K	0.	0.	0.
31	31	135	W+_D	0.	0.	0.
31	31	141	W+_D	0.	0.	0.
31	31	22	W+_D	0.	0.	0.
31	31	19	W+_D	0.	0.	0.
31	31	135	W-_D	0.	0.	0.
31	31	141	W-_D	0.	0.	0.
31	31	22	W-_D	0.	0.	0.
31	31	19	W-_D	0.	0.	0.
31	31	135	SISMA SLV X	7.7	14.87	41.94
31	31	141	SISMA SLV X	7.69	14.5	33.91
31	31	22	SISMA SLV X	12.43	21.82	33.75
31	31	19	SISMA SLV X	9.84	12.82	41.57
31	31	135	SISMA SLV Y	7.66	18.77	20.49
31	31	141	SISMA SLV Y	10.67	9.33	15.4
31	31	22	SISMA SLV Y	23.89	33.53	15.33
31	31	19	SISMA SLV Y	11.49	16.33	18.75
31	31	135	SISMA SLD X	3.76	7.26	20.48
31	31	141	SISMA SLD X	3.76	7.08	16.56
31	31	22	SISMA SLD X	6.07	10.66	16.49
31	31	19	SISMA SLD X	4.81	6.26	20.31

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
31	31	135	SISMA SLD Y	3.74	9.17	10.01
31	31	141	SISMA SLD Y	5.21	4.55	7.52
31	31	22	SISMA SLD Y	11.67	16.38	7.49
31	31	19	SISMA SLD Y	5.61	7.97	9.16
31	31	135	SISMA SLO X	3.11	6.02	16.97
31	31	141	SISMA SLO X	3.11	5.87	13.72
31	31	22	SISMA SLO X	5.03	8.83	13.66
31	31	19	SISMA SLO X	3.98	5.18	16.82
31	31	135	SISMA SLO Y	3.09	7.59	8.29
31	31	141	SISMA SLO Y	4.32	3.76	6.23
31	31	22	SISMA SLO Y	9.66	13.56	6.2
31	31	19	SISMA SLO Y	4.64	6.6	7.59
31	31	135	SLT	0.	0.	0.
31	31	141	SLT	0.	0.	0.
31	31	22	SLT	0.	0.	0.
31	31	19	SLT	0.	0.	0.
31	31	135	~TorsionSISMA SLV X	0.	0.	0.
31	31	141	~TorsionSISMA SLV X	0.	0.	0.
31	31	22	~TorsionSISMA SLV X	0.	0.	0.
31	31	19	~TorsionSISMA SLV X	0.	0.	0.
31	31	135	~TorsionSISMA SLV Y	0.	0.	0.
31	31	141	~TorsionSISMA SLV Y	0.	0.	0.
31	31	22	~TorsionSISMA SLV Y	0.	0.	0.
31	31	19	~TorsionSISMA SLV Y	0.	0.	0.
31	31	135	~TorsionSISMA SLD X	0.	0.	0.
31	31	141	~TorsionSISMA SLD X	0.	0.	0.
31	31	22	~TorsionSISMA SLD X	0.	0.	0.
31	31	19	~TorsionSISMA SLD X	0.	0.	0.
31	31	135	~TorsionSISMA SLD Y	0.	0.	0.
31	31	141	~TorsionSISMA SLD Y	0.	0.	0.
31	31	22	~TorsionSISMA SLD Y	0.	0.	0.
31	31	19	~TorsionSISMA SLD Y	0.	0.	0.
31	31	135	~TorsionSISMA SLO X	0.	0.	0.
31	31	141	~TorsionSISMA SLO X	0.	0.	0.
31	31	22	~TorsionSISMA SLO X	0.	0.	0.
31	31	19	~TorsionSISMA SLO X	0.	0.	0.
31	31	135	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
31	31	141	~TorsionSISMA SLO Y	0.	0.	0.
31	31	22	~TorsionSISMA SLO Y	0.	0.	0.
31	31	19	~TorsionSISMA SLO Y	0.	0.	0.
32	32	19	G1_K	12.83	-55.71	-19.32
32	32	22	G1_K	23.13	-57.48	-13.72
32	32	142	G1_K	32.74	-23.72	-6.23
32	32	137	G1_K	22.42	-21.88	-11.83
32	32	19	G2_K	-11.73	-2.35	-38.75
32	32	22	G2_K	-3.94	26.3	-35.78
32	32	142	G2_K	-15.11	20.99	-25.06
32	32	137	G2_K	-22.82	-8.31	-28.04
32	32	19	Q_K	7.	-15.14	-11.4
32	32	22	Q_K	14.52	-14.65	-7.53
32	32	142	Q_K	23.07	7.26	-3.28
32	32	137	Q_K	15.55	6.77	-7.15
32	32	19	N_K	0.84	-1.82	-1.37
32	32	22	N_K	1.74	-1.76	-0.9
32	32	142	N_K	2.77	0.87	-0.39
32	32	137	N_K	1.87	0.81	-0.86
32	32	19	T+_K	0.	0.	0.
32	32	22	T+_K	0.	0.	0.
32	32	142	T+_K	0.	0.	0.
32	32	137	T+_K	0.	0.	0.
32	32	19	T-_K	0.	0.	0.
32	32	22	T-_K	0.	0.	0.
32	32	142	T-_K	0.	0.	0.
32	32	137	T-_K	0.	0.	0.
32	32	19	G1_D	16.68	-72.42	-25.12
32	32	22	G1_D	30.07	-74.73	-17.83
32	32	142	G1_D	42.56	-30.83	-8.09
32	32	137	G1_D	29.15	-28.44	-15.38
32	32	19	G2_D	-15.25	-3.06	-50.38
32	32	22	G2_D	-5.12	34.19	-46.51
32	32	142	G2_D	-19.64	27.29	-32.58
32	32	137	G2_D	-29.66	-10.81	-36.45
32	32	19	Q_D	10.49	-22.72	-17.1
32	32	22	Q_D	21.78	-21.98	-11.3
32	32	142	Q_D	34.61	10.89	-4.92
32	32	137	Q_D	23.32	10.15	-10.73
32	32	19	N_D	1.26	-2.73	-2.05
32	32	22	N_D	2.61	-2.64	-1.36
32	32	142	N_D	4.15	1.31	-0.59
32	32	137	N_D	2.8	1.22	-1.29
32	32	19	T+_D	0.	0.	0.
32	32	22	T+_D	0.	0.	0.
32	32	142	T+_D	0.	0.	0.
32	32	137	T+_D	0.	0.	0.
32	32	19	T-_D	0.	0.	0.
32	32	22	T-_D	0.	0.	0.
32	32	142	T-_D	0.	0.	0.
32	32	137	T-_D	0.	0.	0.
32	32	19	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
32	32	22	W+_K	0.	0.	0.
32	32	142	W+_K	0.	0.	0.
32	32	137	W+_K	0.	0.	0.
32	32	19	W-_K	0.	0.	0.
32	32	22	W-_K	0.	0.	0.
32	32	142	W-_K	0.	0.	0.
32	32	137	W-_K	0.	0.	0.
32	32	19	W+_D	0.	0.	0.
32	32	22	W+_D	0.	0.	0.
32	32	142	W+_D	0.	0.	0.
32	32	137	W+_D	0.	0.	0.
32	32	19	W-_D	0.	0.	0.
32	32	22	W-_D	0.	0.	0.
32	32	142	W-_D	0.	0.	0.
32	32	137	W-_D	0.	0.	0.
32	32	19	SISMA SLV X	9.38	7.16	37.71
32	32	22	SISMA SLV X	11.74	16.	37.03
32	32	142	SISMA SLV X	14.23	19.61	27.07
32	32	137	SISMA SLV X	16.88	10.61	27.78
32	32	19	SISMA SLV Y	11.48	12.63	16.92
32	32	22	SISMA SLV Y	22.43	27.82	16.48
32	32	142	SISMA SLV Y	27.44	36.29	13.23
32	32	137	SISMA SLV Y	15.96	20.27	14.23
32	32	19	SISMA SLD X	4.58	3.49	18.42
32	32	22	SISMA SLD X	5.73	7.82	18.09
32	32	142	SISMA SLD X	6.95	9.58	13.22
32	32	137	SISMA SLD X	8.25	5.18	13.57
32	32	19	SISMA SLD Y	5.61	6.17	8.27
32	32	22	SISMA SLD Y	10.95	13.59	8.05
32	32	142	SISMA SLD Y	13.4	17.73	6.46
32	32	137	SISMA SLD Y	7.8	9.9	6.95
32	32	19	SISMA SLO X	3.79	2.89	15.26
32	32	22	SISMA SLO X	4.75	6.47	14.99
32	32	142	SISMA SLO X	5.76	7.93	10.95
32	32	137	SISMA SLO X	6.83	4.29	11.24
32	32	19	SISMA SLO Y	4.64	5.1	6.85
32	32	22	SISMA SLO Y	9.07	11.25	6.67
32	32	142	SISMA SLO Y	11.1	14.68	5.35
32	32	137	SISMA SLO Y	6.45	8.2	5.76
32	32	19	SLT	0.	0.	0.
32	32	22	SLT	0.	0.	0.
32	32	142	SLT	0.	0.	0.
32	32	137	SLT	0.	0.	0.
32	32	19	~TorsionSISMA SLV X	0.	0.	0.
32	32	22	~TorsionSISMA SLV X	0.	0.	0.
32	32	142	~TorsionSISMA SLV X	0.	0.	0.
32	32	137	~TorsionSISMA SLV X	0.	0.	0.
32	32	19	~TorsionSISMA SLV Y	0.	0.	0.
32	32	22	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
32	32	142	~TorsionSISMA SLV Y	0.	0.	0.
32	32	137	~TorsionSISMA SLV Y	0.	0.	0.
32	32	19	~TorsionSISMA SLD X	0.	0.	0.
32	32	22	~TorsionSISMA SLD X	0.	0.	0.
32	32	142	~TorsionSISMA SLD X	0.	0.	0.
32	32	137	~TorsionSISMA SLD X	0.	0.	0.
32	32	19	~TorsionSISMA SLD Y	0.	0.	0.
32	32	22	~TorsionSISMA SLD Y	0.	0.	0.
32	32	142	~TorsionSISMA SLD Y	0.	0.	0.
32	32	137	~TorsionSISMA SLD Y	0.	0.	0.
32	32	19	~TorsionSISMA SLO X	0.	0.	0.
32	32	22	~TorsionSISMA SLO X	0.	0.	0.
32	32	142	~TorsionSISMA SLO X	0.	0.	0.
32	32	137	~TorsionSISMA SLO X	0.	0.	0.
32	32	19	~TorsionSISMA SLO Y	0.	0.	0.
32	32	22	~TorsionSISMA SLO Y	0.	0.	0.
32	32	142	~TorsionSISMA SLO Y	0.	0.	0.
32	32	137	~TorsionSISMA SLO Y	0.	0.	0.
33	33	140	G1_K	-33.26	-163.71	-1.41
33	33	107	G1_K	-38.84	-198.63	6.87
33	33	23	G1_K	-12.69	-162.86	-0.77
33	33	21	G1_K	-7.05	-128.37	-9.06
33	33	140	G2_K	6.83	35.02	-15.57
33	33	107	G2_K	24.65	122.33	-18.1
33	33	23	G2_K	13.34	117.39	-31.45
33	33	21	G2_K	-4.44	29.78	-28.92
33	33	140	Q_K	-12.08	-58.25	-1.62
33	33	107	Q_K	-14.83	-76.85	0.99
33	33	23	Q_K	-5.74	-56.38	-5.29
33	33	21	Q_K	-2.95	-38.08	-7.9
33	33	140	N_K	-1.45	-6.99	-0.19
33	33	107	N_K	-1.78	-9.22	0.12
33	33	23	N_K	-0.69	-6.77	-0.64
33	33	21	N_K	-0.35	-4.57	-0.95
33	33	140	T+_K	0.	0.	0.
33	33	107	T+_K	0.	0.	0.
33	33	23	T+_K	0.	0.	0.
33	33	21	T+_K	0.	0.	0.
33	33	140	T-_K	0.	0.	0.
33	33	107	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
33	33	23	T-_K	0.	0.	0.
33	33	21	T-_K	0.	0.	0.
33	33	140	G1_D	-43.24	-212.82	-1.84
33	33	107	G1_D	-50.49	-258.22	8.93
33	33	23	G1_D	-16.5	-211.72	-1.01
33	33	21	G1_D	-9.17	-166.88	-11.78
33	33	140	G2_D	8.87	45.53	-20.24
33	33	107	G2_D	32.05	159.03	-23.53
33	33	23	G2_D	17.35	152.61	-40.89
33	33	21	G2_D	-5.77	38.72	-37.6
33	33	140	Q_D	-18.12	-87.37	-2.42
33	33	107	Q_D	-22.24	-115.28	1.49
33	33	23	Q_D	-8.61	-84.58	-7.94
33	33	21	Q_D	-4.43	-57.12	-11.85
33	33	140	N_D	-2.17	-10.48	-0.29
33	33	107	N_D	-2.67	-13.83	0.18
33	33	23	N_D	-1.03	-10.15	-0.95
33	33	21	N_D	-0.53	-6.85	-1.42
33	33	140	T+_D	0.	0.	0.
33	33	107	T+_D	0.	0.	0.
33	33	23	T+_D	0.	0.	0.
33	33	21	T+_D	0.	0.	0.
33	33	140	T-_D	0.	0.	0.
33	33	107	T-_D	0.	0.	0.
33	33	23	T-_D	0.	0.	0.
33	33	21	T-_D	0.	0.	0.
33	33	140	W+_K	0.	0.	0.
33	33	107	W+_K	0.	0.	0.
33	33	23	W+_K	0.	0.	0.
33	33	21	W+_K	0.	0.	0.
33	33	140	W-_K	0.	0.	0.
33	33	107	W-_K	0.	0.	0.
33	33	23	W-_K	0.	0.	0.
33	33	21	W-_K	0.	0.	0.
33	33	140	W+_D	0.	0.	0.
33	33	107	W+_D	0.	0.	0.
33	33	23	W+_D	0.	0.	0.
33	33	21	W+_D	0.	0.	0.
33	33	140	W-_D	0.	0.	0.
33	33	107	W-_D	0.	0.	0.
33	33	23	W-_D	0.	0.	0.
33	33	21	W-_D	0.	0.	0.
33	33	140	SISMA SLV X	9.24	44.64	17.18
33	33	107	SISMA SLV X	19.75	97.07	18.31
33	33	23	SISMA SLV X	12.39	91.96	33.89
33	33	21	SISMA SLV X	4.82	22.29	32.88
33	33	140	SISMA SLV Y	19.84	95.57	7.75
33	33	107	SISMA SLV Y	22.91	117.45	9.06
33	33	23	SISMA SLV Y	8.95	66.71	15.33
33	33	21	SISMA SLV Y	5.66	39.12	15.14
33	33	140	SISMA SLD X	4.51	21.8	8.39
33	33	107	SISMA SLD X	9.65	47.41	8.94
33	33	23	SISMA SLD X	6.05	44.92	16.55
33	33	21	SISMA SLD X	2.36	10.89	16.06

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
33	33	140	SISMA SLD Y	9.69	46.67	3.79
33	33	107	SISMA SLD Y	11.19	57.36	4.43
33	33	23	SISMA SLD Y	4.37	32.58	7.49
33	33	21	SISMA SLD Y	2.76	19.1	7.4
33	33	140	SISMA SLO X	3.74	18.06	6.95
33	33	107	SISMA SLO X	7.99	39.27	7.41
33	33	23	SISMA SLO X	5.01	37.21	13.71
33	33	21	SISMA SLO X	1.95	9.02	13.3
33	33	140	SISMA SLO Y	8.03	38.65	3.14
33	33	107	SISMA SLO Y	9.27	47.5	3.66
33	33	23	SISMA SLO Y	3.62	26.98	6.2
33	33	21	SISMA SLO Y	2.29	15.82	6.13
33	33	140	SLT	0.	0.	0.
33	33	107	SLT	0.	0.	0.
33	33	23	SLT	0.	0.	0.
33	33	21	SLT	0.	0.	0.
33	33	140	~TorsionSISMA SLV X	0.	0.	0.
33	33	107	~TorsionSISMA SLV X	0.	0.	0.
33	33	23	~TorsionSISMA SLV X	0.	0.	0.
33	33	21	~TorsionSISMA SLV X	0.	0.	0.
33	33	140	~TorsionSISMA SLV Y	0.	0.	0.
33	33	107	~TorsionSISMA SLV Y	0.	0.	0.
33	33	23	~TorsionSISMA SLV Y	0.	0.	0.
33	33	21	~TorsionSISMA SLV Y	0.	0.	0.
33	33	140	~TorsionSISMA SLD X	0.	0.	0.
33	33	107	~TorsionSISMA SLD X	0.	0.	0.
33	33	23	~TorsionSISMA SLD X	0.	0.	0.
33	33	21	~TorsionSISMA SLD X	0.	0.	0.
33	33	140	~TorsionSISMA SLD Y	0.	0.	0.
33	33	107	~TorsionSISMA SLD Y	0.	0.	0.
33	33	23	~TorsionSISMA SLD Y	0.	0.	0.
33	33	21	~TorsionSISMA SLD Y	0.	0.	0.
33	33	140	~TorsionSISMA SLO X	0.	0.	0.
33	33	107	~TorsionSISMA SLO X	0.	0.	0.
33	33	23	~TorsionSISMA SLO X	0.	0.	0.
33	33	21	~TorsionSISMA SLO X	0.	0.	0.
33	33	140	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
33	33	107	~TorsionSISMA SLO Y	0.	0.	0.
33	33	23	~TorsionSISMA SLO Y	0.	0.	0.
33	33	21	~TorsionSISMA SLO Y	0.	0.	0.
34	34	21	G1_K	-7.64	-130.87	-11.88
34	34	23	G1_K	-7.65	-138.12	-7.96
34	34	144	G1_K	3.85	-105.65	-12.33
34	34	141	G1_K	3.93	-98.91	-16.25
34	34	21	G2_K	-3.27	36.	-25.13
34	34	23	G2_K	7.4	87.32	-21.34
34	34	144	G2_K	4.2	84.35	-17.3
34	34	141	G2_K	-6.43	32.82	-21.09
34	34	21	Q_K	-4.21	-43.86	-9.2
34	34	23	Q_K	-4.49	-50.67	-5.5
34	34	144	Q_K	3.66	-30.6	-6.51
34	34	141	Q_K	3.99	-24.16	-10.21
34	34	21	N_K	-0.51	-5.26	-1.1
34	34	23	N_K	-0.54	-6.08	-0.66
34	34	144	N_K	0.44	-3.67	-0.78
34	34	141	N_K	0.48	-2.9	-1.23
34	34	21	T+_K	0.	0.	0.
34	34	23	T+_K	0.	0.	0.
34	34	144	T+_K	0.	0.	0.
34	34	141	T+_K	0.	0.	0.
34	34	21	T-_K	0.	0.	0.
34	34	23	T-_K	0.	0.	0.
34	34	144	T-_K	0.	0.	0.
34	34	141	T-_K	0.	0.	0.
34	34	21	G1_D	-9.94	-170.13	-15.44
34	34	23	G1_D	-9.94	-179.56	-10.35
34	34	144	G1_D	5.	-137.34	-16.03
34	34	141	G1_D	5.12	-128.59	-21.13
34	34	21	G2_D	-4.25	46.8	-32.66
34	34	23	G2_D	9.62	113.51	-27.74
34	34	144	G2_D	5.46	109.65	-22.49
34	34	141	G2_D	-8.36	42.66	-27.42
34	34	21	Q_D	-6.32	-65.8	-13.8
34	34	23	Q_D	-6.73	-76.	-8.24
34	34	144	Q_D	5.48	-45.89	-9.76
34	34	141	Q_D	5.98	-36.24	-15.32
34	34	21	N_D	-0.76	-7.9	-1.66
34	34	23	N_D	-0.81	-9.12	-0.99
34	34	144	N_D	0.66	-5.51	-1.17
34	34	141	N_D	0.72	-4.35	-1.84
34	34	21	T+_D	0.	0.	0.
34	34	23	T+_D	0.	0.	0.
34	34	144	T+_D	0.	0.	0.
34	34	141	T+_D	0.	0.	0.
34	34	21	T-_D	0.	0.	0.
34	34	23	T-_D	0.	0.	0.
34	34	144	T-_D	0.	0.	0.
34	34	141	T-_D	0.	0.	0.
34	34	21	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
34	34	23	W+_K	0.	0.	0.
34	34	144	W+_K	0.	0.	0.
34	34	141	W+_K	0.	0.	0.
34	34	21	W-_K	0.	0.	0.
34	34	23	W-_K	0.	0.	0.
34	34	144	W-_K	0.	0.	0.
34	34	141	W-_K	0.	0.	0.
34	34	21	W+_D	0.	0.	0.
34	34	23	W+_D	0.	0.	0.
34	34	144	W+_D	0.	0.	0.
34	34	141	W+_D	0.	0.	0.
34	34	21	W-_D	0.	0.	0.
34	34	23	W-_D	0.	0.	0.
34	34	144	W-_D	0.	0.	0.
34	34	141	W-_D	0.	0.	0.
34	34	21	SISMA SLV X	5.97	24.43	30.26
34	34	23	SISMA SLV X	6.44	59.87	22.75
34	34	144	SISMA SLV X	8.21	63.65	17.66
34	34	141	SISMA SLV X	3.96	19.94	25.17
34	34	21	SISMA SLV Y	7.58	45.54	14.14
34	34	23	SISMA SLV Y	5.85	50.63	11.07
34	34	144	SISMA SLV Y	6.65	29.54	9.33
34	34	141	SISMA SLV Y	4.82	12.2	12.24
34	34	21	SISMA SLD X	2.91	11.93	14.78
34	34	23	SISMA SLD X	3.15	29.24	11.11
34	34	144	SISMA SLD X	4.01	31.09	8.63
34	34	141	SISMA SLD X	1.93	9.74	12.3
34	34	21	SISMA SLD Y	3.7	22.24	6.91
34	34	23	SISMA SLD Y	2.86	24.73	5.41
34	34	144	SISMA SLD Y	3.25	14.43	4.56
34	34	141	SISMA SLD Y	2.35	5.96	5.98
34	34	21	SISMA SLO X	2.41	9.88	12.24
34	34	23	SISMA SLO X	2.61	24.22	9.21
34	34	144	SISMA SLO X	3.32	25.75	7.15
34	34	141	SISMA SLO X	1.6	8.07	10.19
34	34	21	SISMA SLO Y	3.07	18.42	5.72
34	34	23	SISMA SLO Y	2.36	20.48	4.48
34	34	144	SISMA SLO Y	2.69	11.95	3.78
34	34	141	SISMA SLO Y	1.94	4.93	4.95
34	34	21	SLT	0.	0.	0.
34	34	23	SLT	0.	0.	0.
34	34	144	SLT	0.	0.	0.
34	34	141	SLT	0.	0.	0.
34	34	21	~TorsionSISMA SLV X	0.	0.	0.
34	34	23	~TorsionSISMA SLV X	0.	0.	0.
34	34	144	~TorsionSISMA SLV X	0.	0.	0.
34	34	141	~TorsionSISMA SLV X	0.	0.	0.
34	34	21	~TorsionSISMA SLV Y	0.	0.	0.
34	34	23	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
34	34	144	~TorsionSISMA SLV Y	0.	0.	0.
34	34	141	~TorsionSISMA SLV Y	0.	0.	0.
34	34	21	~TorsionSISMA SLD X	0.	0.	0.
34	34	23	~TorsionSISMA SLD X	0.	0.	0.
34	34	144	~TorsionSISMA SLD X	0.	0.	0.
34	34	141	~TorsionSISMA SLD X	0.	0.	0.
34	34	21	~TorsionSISMA SLD Y	0.	0.	0.
34	34	23	~TorsionSISMA SLD Y	0.	0.	0.
34	34	144	~TorsionSISMA SLD Y	0.	0.	0.
34	34	141	~TorsionSISMA SLD Y	0.	0.	0.
34	34	21	~TorsionSISMA SLO X	0.	0.	0.
34	34	23	~TorsionSISMA SLO X	0.	0.	0.
34	34	144	~TorsionSISMA SLO X	0.	0.	0.
34	34	141	~TorsionSISMA SLO X	0.	0.	0.
34	34	21	~TorsionSISMA SLO Y	0.	0.	0.
34	34	23	~TorsionSISMA SLO Y	0.	0.	0.
34	34	144	~TorsionSISMA SLO Y	0.	0.	0.
34	34	141	~TorsionSISMA SLO Y	0.	0.	0.
35	35	141	G1_K	4.49	-95.07	-12.57
35	35	144	G1_K	6.52	-93.39	-15.64
35	35	24	G1_K	8.04	-60.3	-9.79
35	35	22	G1_K	6.04	-62.24	-6.72
35	35	141	G2_K	-7.52	27.4	-21.03
35	35	144	G2_K	-0.39	61.39	-19.32
35	35	24	G2_K	1.56	59.34	-20.1
35	35	22	G2_K	-5.52	25.04	-21.81
35	35	141	Q_K	2.76	-29.67	-7.14
35	35	144	Q_K	4.06	-29.22	-9.24
35	35	24	Q_K	6.37	-8.41	-5.46
35	35	22	Q_K	5.1	-9.05	-3.36
35	35	141	N_K	0.33	-3.56	-0.86
35	35	144	N_K	0.49	-3.51	-1.11
35	35	24	N_K	0.76	-1.01	-0.66
35	35	22	N_K	0.61	-1.09	-0.4
35	35	141	T+_K	0.	0.	0.
35	35	144	T+_K	0.	0.	0.
35	35	24	T+_K	0.	0.	0.
35	35	22	T+_K	0.	0.	0.
35	35	141	T-_K	0.	0.	0.
35	35	144	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
35	35	24	T-_K	0.	0.	0.
35	35	22	T-_K	0.	0.	0.
35	35	141	G1_D	5.83	-123.59	-16.34
35	35	144	G1_D	8.47	-121.41	-20.33
35	35	24	G1_D	10.46	-78.39	-12.73
35	35	22	G1_D	7.85	-80.92	-8.74
35	35	141	G2_D	-9.77	35.62	-27.34
35	35	144	G2_D	-0.5	79.81	-25.11
35	35	24	G2_D	2.03	77.14	-26.13
35	35	22	G2_D	-7.17	32.55	-28.35
35	35	141	Q_D	4.14	-44.51	-10.72
35	35	144	Q_D	6.09	-43.83	-13.87
35	35	24	Q_D	9.56	-12.61	-8.19
35	35	22	Q_D	7.65	-13.58	-5.04
35	35	141	N_D	0.5	-5.34	-1.29
35	35	144	N_D	0.73	-5.26	-1.66
35	35	24	N_D	1.15	-1.51	-0.98
35	35	22	N_D	0.92	-1.63	-0.6
35	35	141	T+_D	0.	0.	0.
35	35	144	T+_D	0.	0.	0.
35	35	24	T+_D	0.	0.	0.
35	35	22	T+_D	0.	0.	0.
35	35	141	T-_D	0.	0.	0.
35	35	144	T-_D	0.	0.	0.
35	35	24	T-_D	0.	0.	0.
35	35	22	T-_D	0.	0.	0.
35	35	141	W+_K	0.	0.	0.
35	35	144	W+_K	0.	0.	0.
35	35	24	W+_K	0.	0.	0.
35	35	22	W+_K	0.	0.	0.
35	35	141	W-_K	0.	0.	0.
35	35	144	W-_K	0.	0.	0.
35	35	24	W-_K	0.	0.	0.
35	35	22	W-_K	0.	0.	0.
35	35	141	W+_D	0.	0.	0.
35	35	144	W+_D	0.	0.	0.
35	35	24	W+_D	0.	0.	0.
35	35	22	W+_D	0.	0.	0.
35	35	141	W-_D	0.	0.	0.
35	35	144	W-_D	0.	0.	0.
35	35	24	W-_D	0.	0.	0.
35	35	22	W-_D	0.	0.	0.
35	35	141	SISMA SLV X	5.91	10.87	22.7
35	35	144	SISMA SLV X	4.25	35.62	21.85
35	35	24	SISMA SLV X	9.03	45.94	18.67
35	35	22	SISMA SLV X	4.21	21.62	19.65
35	35	141	SISMA SLV Y	5.17	9.08	11.06
35	35	144	SISMA SLV Y	6.45	19.77	11.68
35	35	24	SISMA SLV Y	12.22	46.23	8.36
35	35	22	SISMA SLV Y	8.61	31.42	8.82
35	35	141	SISMA SLD X	2.88	5.31	11.09
35	35	144	SISMA SLD X	2.08	17.4	10.67
35	35	24	SISMA SLD X	4.41	22.44	9.12
35	35	22	SISMA SLD X	2.06	10.56	9.6

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
35	35	141	SISMA SLD Y	2.52	4.43	5.4
35	35	144	SISMA SLD Y	3.15	9.66	5.7
35	35	24	SISMA SLD Y	5.97	22.58	4.08
35	35	22	SISMA SLD Y	4.2	15.35	4.31
35	35	141	SISMA SLO X	2.39	4.4	9.19
35	35	144	SISMA SLO X	1.72	14.41	8.84
35	35	24	SISMA SLO X	3.66	18.59	7.55
35	35	22	SISMA SLO X	1.7	8.75	7.95
35	35	141	SISMA SLO Y	2.08	3.66	4.47
35	35	144	SISMA SLO Y	2.61	8.	4.73
35	35	24	SISMA SLO Y	4.94	18.7	3.38
35	35	22	SISMA SLO Y	3.48	12.71	3.57
35	35	141	SLT	0.	0.	0.
35	35	144	SLT	0.	0.	0.
35	35	24	SLT	0.	0.	0.
35	35	22	SLT	0.	0.	0.
35	35	141	~TorsionSISMA SLV X	0.	0.	0.
35	35	144	~TorsionSISMA SLV X	0.	0.	0.
35	35	24	~TorsionSISMA SLV X	0.	0.	0.
35	35	22	~TorsionSISMA SLV X	0.	0.	0.
35	35	141	~TorsionSISMA SLV Y	0.	0.	0.
35	35	144	~TorsionSISMA SLV Y	0.	0.	0.
35	35	24	~TorsionSISMA SLV Y	0.	0.	0.
35	35	22	~TorsionSISMA SLV Y	0.	0.	0.
35	35	141	~TorsionSISMA SLD X	0.	0.	0.
35	35	144	~TorsionSISMA SLD X	0.	0.	0.
35	35	24	~TorsionSISMA SLD X	0.	0.	0.
35	35	22	~TorsionSISMA SLD X	0.	0.	0.
35	35	141	~TorsionSISMA SLD Y	0.	0.	0.
35	35	144	~TorsionSISMA SLD Y	0.	0.	0.
35	35	24	~TorsionSISMA SLD Y	0.	0.	0.
35	35	22	~TorsionSISMA SLD Y	0.	0.	0.
35	35	141	~TorsionSISMA SLO X	0.	0.	0.
35	35	144	~TorsionSISMA SLO X	0.	0.	0.
35	35	24	~TorsionSISMA SLO X	0.	0.	0.
35	35	22	~TorsionSISMA SLO X	0.	0.	0.
35	35	141	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
35	35	144	~TorsionSISMA SLO Y	0.	0.	0.
35	35	24	~TorsionSISMA SLO Y	0.	0.	0.
35	35	22	~TorsionSISMA SLO Y	0.	0.	0.
36	36	22	G1_K	6.01	-61.41	-17.49
36	36	24	G1_K	12.4	-39.5	1.19
36	36	145	G1_K	32.36	-2.25	19.46
36	36	142	G1_K	26.01	-24.56	0.78
36	36	22	G2_K	-5.62	24.64	-16.6
36	36	24	G2_K	-3.99	31.46	-25.46
36	36	145	G2_K	-16.74	28.7	-34.39
36	36	142	G2_K	-18.32	21.67	-25.53
36	36	22	Q_K	3.39	-17.06	-10.27
36	36	24	Q_K	8.05	-0.55	1.97
36	36	145	Q_K	22.01	23.07	14.17
36	36	142	Q_K	17.38	6.3	1.94
36	36	22	N_K	0.41	-2.05	-1.23
36	36	24	N_K	0.97	-6.560E-02	0.24
36	36	145	N_K	2.64	2.77	1.7
36	36	142	N_K	2.09	0.76	0.23
36	36	22	T+_K	0.	0.	0.
36	36	24	T+_K	0.	0.	0.
36	36	145	T+_K	0.	0.	0.
36	36	142	T+_K	0.	0.	0.
36	36	22	T-_K	0.	0.	0.
36	36	24	T-_K	0.	0.	0.
36	36	145	T-_K	0.	0.	0.
36	36	142	T-_K	0.	0.	0.
36	36	22	G1_D	7.81	-79.84	-22.74
36	36	24	G1_D	16.12	-51.35	1.55
36	36	145	G1_D	42.07	-2.93	25.3
36	36	142	G1_D	33.82	-31.92	1.01
36	36	22	G2_D	-7.31	32.03	-21.58
36	36	24	G2_D	-5.19	40.89	-33.09
36	36	145	G2_D	-21.76	37.31	-44.71
36	36	142	G2_D	-23.82	28.17	-33.19
36	36	22	Q_D	5.09	-25.59	-15.41
36	36	24	Q_D	12.07	-0.82	2.95
36	36	145	Q_D	33.01	34.61	21.26
36	36	142	Q_D	26.08	9.45	2.9
36	36	22	N_D	0.61	-3.07	-1.85
36	36	24	N_D	1.45	-9.840E-02	0.35
36	36	145	N_D	3.96	4.15	2.55
36	36	142	N_D	3.13	1.13	0.35
36	36	22	T+_D	0.	0.	0.
36	36	24	T+_D	0.	0.	0.
36	36	145	T+_D	0.	0.	0.
36	36	142	T+_D	0.	0.	0.
36	36	22	T-_D	0.	0.	0.
36	36	24	T-_D	0.	0.	0.
36	36	145	T-_D	0.	0.	0.
36	36	142	T-_D	0.	0.	0.
36	36	22	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
36	36	24	W+_K	0.	0.	0.
36	36	145	W+_K	0.	0.	0.
36	36	142	W+_K	0.	0.	0.
36	36	22	W-_K	0.	0.	0.
36	36	24	W-_K	0.	0.	0.
36	36	145	W-_K	0.	0.	0.
36	36	142	W-_K	0.	0.	0.
36	36	22	W+_D	0.	0.	0.
36	36	24	W+_D	0.	0.	0.
36	36	145	W+_D	0.	0.	0.
36	36	142	W+_D	0.	0.	0.
36	36	22	W-_D	0.	0.	0.
36	36	24	W-_D	0.	0.	0.
36	36	145	W-_D	0.	0.	0.
36	36	142	W-_D	0.	0.	0.
36	36	22	SISMA SLV X	5.04	15.41	23.92
36	36	24	SISMA SLV X	5.68	23.92	12.89
36	36	145	SISMA SLV X	10.48	26.65	16.09
36	36	142	SISMA SLV X	8.42	17.76	25.5
36	36	22	SISMA SLV Y	9.3	28.6	11.5
36	36	24	SISMA SLV Y	10.33	41.16	6.75
36	36	145	SISMA SLV Y	18.88	43.83	14.64
36	36	142	SISMA SLV Y	16.73	30.63	12.31
36	36	22	SISMA SLD X	2.46	7.53	11.68
36	36	24	SISMA SLD X	2.77	11.68	6.3
36	36	145	SISMA SLD X	5.12	13.02	7.86
36	36	142	SISMA SLD X	4.11	8.68	12.45
36	36	22	SISMA SLD Y	4.54	13.97	5.62
36	36	24	SISMA SLD Y	5.05	20.1	3.3
36	36	145	SISMA SLD Y	9.22	21.41	7.15
36	36	142	SISMA SLD Y	8.17	14.96	6.01
36	36	22	SISMA SLO X	2.04	6.23	9.68
36	36	24	SISMA SLO X	2.3	9.67	5.22
36	36	145	SISMA SLO X	4.24	10.78	6.51
36	36	142	SISMA SLO X	3.41	7.19	10.32
36	36	22	SISMA SLO Y	3.76	11.56	4.65
36	36	24	SISMA SLO Y	4.18	16.65	2.73
36	36	145	SISMA SLO Y	7.63	17.73	5.92
36	36	142	SISMA SLO Y	6.77	12.39	4.98
36	36	22	SLT	0.	0.	0.
36	36	24	SLT	0.	0.	0.
36	36	145	SLT	0.	0.	0.
36	36	142	SLT	0.	0.	0.
36	36	22	~TorsionSISMA SLV X	0.	0.	0.
36	36	24	~TorsionSISMA SLV X	0.	0.	0.
36	36	145	~TorsionSISMA SLV X	0.	0.	0.
36	36	142	~TorsionSISMA SLV X	0.	0.	0.
36	36	22	~TorsionSISMA SLV Y	0.	0.	0.
36	36	24	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
36	36	145	~TorsionSISMA SLV Y	0.	0.	0.
36	36	142	~TorsionSISMA SLV Y	0.	0.	0.
36	36	22	~TorsionSISMA SLD X	0.	0.	0.
36	36	24	~TorsionSISMA SLD X	0.	0.	0.
36	36	145	~TorsionSISMA SLD X	0.	0.	0.
36	36	142	~TorsionSISMA SLD X	0.	0.	0.
36	36	22	~TorsionSISMA SLD Y	0.	0.	0.
36	36	24	~TorsionSISMA SLD Y	0.	0.	0.
36	36	145	~TorsionSISMA SLD Y	0.	0.	0.
36	36	142	~TorsionSISMA SLD Y	0.	0.	0.
36	36	22	~TorsionSISMA SLO X	0.	0.	0.
36	36	24	~TorsionSISMA SLO X	0.	0.	0.
36	36	145	~TorsionSISMA SLO X	0.	0.	0.
36	36	142	~TorsionSISMA SLO X	0.	0.	0.
36	36	22	~TorsionSISMA SLO Y	0.	0.	0.
36	36	24	~TorsionSISMA SLO Y	0.	0.	0.
36	36	145	~TorsionSISMA SLO Y	0.	0.	0.
36	36	142	~TorsionSISMA SLO Y	0.	0.	0.
37	37	109	G1_K	-15.95	-67.53	3.37
37	37	101	G1_K	-25.25	-139.08	6.06
37	37	25	G1_K	-1.67	-112.34	6.07
37	37	26	G1_K	7.71	-40.98	3.38
37	37	109	G2_K	-90.33	-481.96	-78.6
37	37	101	G2_K	16.65	99.25	-45.58
37	37	25	G2_K	60.99	169.77	8.77
37	37	26	G2_K	-49.02	-408.48	-24.25
37	37	109	Q_K	0.96	7.1	3.01
37	37	101	Q_K	-5.67	-30.37	1.16
37	37	25	Q_K	-3.98	-26.76	2.62
37	37	26	Q_K	2.69	10.65	4.47
37	37	109	N_K	0.11	0.85	0.36
37	37	101	N_K	-0.68	-3.64	0.14
37	37	25	N_K	-0.48	-3.21	0.31
37	37	26	N_K	0.32	1.28	0.54
37	37	109	T+_K	0.	0.	0.
37	37	101	T+_K	0.	0.	0.
37	37	25	T+_K	0.	0.	0.
37	37	26	T+_K	0.	0.	0.
37	37	109	T-_K	0.	0.	0.
37	37	101	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
37	37	25	T-_K	0.	0.	0.
37	37	26	T-_K	0.	0.	0.
37	37	109	G1_D	-20.74	-87.78	4.38
37	37	101	G1_D	-32.83	-180.8	7.88
37	37	25	G1_D	-2.16	-146.05	7.89
37	37	26	G1_D	10.02	-53.27	4.39
37	37	109	G2_D	-117.43	-626.54	-102.19
37	37	101	G2_D	21.65	129.03	-59.26
37	37	25	G2_D	79.29	220.7	11.4
37	37	26	G2_D	-63.72	-531.02	-31.53
37	37	109	Q_D	1.44	10.66	4.52
37	37	101	Q_D	-8.51	-45.55	1.75
37	37	25	Q_D	-5.97	-40.14	3.93
37	37	26	Q_D	4.04	15.98	6.71
37	37	109	N_D	0.17	1.28	0.54
37	37	101	N_D	-1.02	-5.47	0.21
37	37	25	N_D	-0.72	-4.82	0.47
37	37	26	N_D	0.48	1.92	0.8
37	37	109	T+_D	0.	0.	0.
37	37	101	T+_D	0.	0.	0.
37	37	25	T+_D	0.	0.	0.
37	37	26	T+_D	0.	0.	0.
37	37	109	T-_D	0.	0.	0.
37	37	101	T-_D	0.	0.	0.
37	37	25	T-_D	0.	0.	0.
37	37	26	T-_D	0.	0.	0.
37	37	109	W+_K	0.	0.	0.
37	37	101	W+_K	0.	0.	0.
37	37	25	W+_K	0.	0.	0.
37	37	26	W+_K	0.	0.	0.
37	37	109	W-_K	0.	0.	0.
37	37	101	W-_K	0.	0.	0.
37	37	25	W-_K	0.	0.	0.
37	37	26	W-_K	0.	0.	0.
37	37	109	W+_D	0.	0.	0.
37	37	101	W+_D	0.	0.	0.
37	37	25	W+_D	0.	0.	0.
37	37	26	W+_D	0.	0.	0.
37	37	109	W-_D	0.	0.	0.
37	37	101	W-_D	0.	0.	0.
37	37	25	W-_D	0.	0.	0.
37	37	26	W-_D	0.	0.	0.
37	37	109	SISMA SLV X	27.77	137.55	14.99
37	37	101	SISMA SLV X	8.3	45.71	7.28
37	37	25	SISMA SLV X	16.91	39.65	15.21
37	37	26	SISMA SLV X	11.43	107.55	23.16
37	37	109	SISMA SLV Y	21.36	99.06	7.8
37	37	101	SISMA SLV Y	18.61	103.46	3.33
37	37	25	SISMA SLV Y	8.17	58.51	8.
37	37	26	SISMA SLV Y	6.42	57.79	13.79
37	37	109	SISMA SLD X	13.56	67.18	7.32
37	37	101	SISMA SLD X	4.05	22.32	3.56
37	37	25	SISMA SLD X	8.26	19.36	7.43
37	37	26	SISMA SLD X	5.58	52.53	11.31

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
37	37	109	SISMA SLD Y	10.43	48.38	3.81
37	37	101	SISMA SLD Y	9.09	50.53	1.63
37	37	25	SISMA SLD Y	3.99	28.58	3.91
37	37	26	SISMA SLD Y	3.13	28.23	6.74
37	37	109	SISMA SLO X	11.24	55.66	6.07
37	37	101	SISMA SLO X	3.36	18.49	2.94
37	37	25	SISMA SLO X	6.84	16.04	6.15
37	37	26	SISMA SLO X	4.62	43.52	9.37
37	37	109	SISMA SLO Y	8.64	40.08	3.16
37	37	101	SISMA SLO Y	7.53	41.85	1.35
37	37	25	SISMA SLO Y	3.3	23.67	3.24
37	37	26	SISMA SLO Y	2.6	23.38	5.58
37	37	109	SLT	0.	0.	0.
37	37	101	SLT	0.	0.	0.
37	37	25	SLT	0.	0.	0.
37	37	26	SLT	0.	0.	0.
37	37	109	~TorsionSISMA SLV X	0.	0.	0.
37	37	101	~TorsionSISMA SLV X	0.	0.	0.
37	37	25	~TorsionSISMA SLV X	0.	0.	0.
37	37	26	~TorsionSISMA SLV X	0.	0.	0.
37	37	109	~TorsionSISMA SLV Y	0.	0.	0.
37	37	101	~TorsionSISMA SLV Y	0.	0.	0.
37	37	25	~TorsionSISMA SLV Y	0.	0.	0.
37	37	26	~TorsionSISMA SLV Y	0.	0.	0.
37	37	109	~TorsionSISMA SLD X	0.	0.	0.
37	37	101	~TorsionSISMA SLD X	0.	0.	0.
37	37	25	~TorsionSISMA SLD X	0.	0.	0.
37	37	26	~TorsionSISMA SLD X	0.	0.	0.
37	37	109	~TorsionSISMA SLD Y	0.	0.	0.
37	37	101	~TorsionSISMA SLD Y	0.	0.	0.
37	37	25	~TorsionSISMA SLD Y	0.	0.	0.
37	37	26	~TorsionSISMA SLD Y	0.	0.	0.
37	37	109	~TorsionSISMA SLO X	0.	0.	0.
37	37	101	~TorsionSISMA SLO X	0.	0.	0.
37	37	25	~TorsionSISMA SLO X	0.	0.	0.
37	37	26	~TorsionSISMA SLO X	0.	0.	0.
37	37	109	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
37	37	101	~TorsionSISMA SLO Y	0.	0.	0.
37	37	25	~TorsionSISMA SLO Y	0.	0.	0.
37	37	26	~TorsionSISMA SLO Y	0.	0.	0.
38	38	26	G1_K	2.7	-67.87	9.26
38	38	25	G1_K	4.9	-77.67	-1.478E-02
38	38	146	G1_K	0.1	-81.14	8.04
38	38	147	G1_K	-2.05	-71.26	17.31
38	38	26	G2_K	25.81	22.1	1.98
38	38	25	G2_K	29.25	-45.35	59.63
38	38	146	G2_K	40.16	-3.49	28.29
38	38	147	G2_K	34.88	65.66	-29.36
38	38	26	Q_K	-0.84	-8.59	4.67
38	38	25	Q_K	-2.26	-16.56	0.96
38	38	146	Q_K	-0.95	-17.29	4.11
38	38	147	Q_K	0.48	-9.31	7.82
38	38	26	N_K	-0.1	-1.03	0.56
38	38	25	N_K	-0.27	-1.99	0.12
38	38	146	N_K	-0.11	-2.08	0.49
38	38	147	N_K	5.702E-02	-1.12	0.94
38	38	26	T+_K	0.	0.	0.
38	38	25	T+_K	0.	0.	0.
38	38	146	T+_K	0.	0.	0.
38	38	147	T+_K	0.	0.	0.
38	38	26	T-_K	0.	0.	0.
38	38	25	T-_K	0.	0.	0.
38	38	146	T-_K	0.	0.	0.
38	38	147	T-_K	0.	0.	0.
38	38	26	G1_D	3.51	-88.23	12.04
38	38	25	G1_D	6.37	-100.98	-1.922E-02
38	38	146	G1_D	0.13	-105.48	10.45
38	38	147	G1_D	-2.67	-92.64	22.51
38	38	26	G2_D	33.55	28.73	2.58
38	38	25	G2_D	38.03	-58.95	77.52
38	38	146	G2_D	52.2	-4.54	36.77
38	38	147	G2_D	45.35	85.36	-38.17
38	38	26	Q_D	-1.26	-12.89	7.
38	38	25	Q_D	-3.38	-24.85	1.44
38	38	146	Q_D	-1.43	-25.94	6.16
38	38	147	Q_D	0.71	-13.97	11.72
38	38	26	N_D	-0.15	-1.55	0.84
38	38	25	N_D	-0.41	-2.98	0.17
38	38	146	N_D	-0.17	-3.11	0.74
38	38	147	N_D	8.553E-02	-1.68	1.41
38	38	26	T+_D	0.	0.	0.
38	38	25	T+_D	0.	0.	0.
38	38	146	T+_D	0.	0.	0.
38	38	147	T+_D	0.	0.	0.
38	38	26	T-_D	0.	0.	0.
38	38	25	T-_D	0.	0.	0.
38	38	146	T-_D	0.	0.	0.
38	38	147	T-_D	0.	0.	0.
38	38	26	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
38	38	25	W+_K	0.	0.	0.
38	38	146	W+_K	0.	0.	0.
38	38	147	W+_K	0.	0.	0.
38	38	26	W-_K	0.	0.	0.
38	38	25	W-_K	0.	0.	0.
38	38	146	W-_K	0.	0.	0.
38	38	147	W-_K	0.	0.	0.
38	38	26	W+_D	0.	0.	0.
38	38	25	W+_D	0.	0.	0.
38	38	146	W+_D	0.	0.	0.
38	38	147	W+_D	0.	0.	0.
38	38	26	W-_D	0.	0.	0.
38	38	25	W-_D	0.	0.	0.
38	38	146	W-_D	0.	0.	0.
38	38	147	W-_D	0.	0.	0.
38	38	26	SISMA SLV X	1.13	54.95	17.19
38	38	25	SISMA SLV X	10.74	23.12	11.26
38	38	146	SISMA SLV X	6.49	20.12	10.
38	38	147	SISMA SLV X	4.5	38.8	16.34
38	38	26	SISMA SLV Y	1.9	54.97	8.75
38	38	25	SISMA SLV Y	6.22	52.05	8.31
38	38	146	SISMA SLV Y	3.93	34.75	4.61
38	38	147	SISMA SLV Y	2.96	36.3	7.92
38	38	26	SISMA SLD X	0.55	26.84	8.4
38	38	25	SISMA SLD X	5.25	11.29	5.5
38	38	146	SISMA SLD X	3.17	9.83	4.88
38	38	147	SISMA SLD X	2.2	18.95	7.98
38	38	26	SISMA SLD Y	0.93	26.85	4.27
38	38	25	SISMA SLD Y	3.04	25.42	4.06
38	38	146	SISMA SLD Y	1.92	16.97	2.25
38	38	147	SISMA SLD Y	1.44	17.73	3.87
38	38	26	SISMA SLO X	0.45	22.24	6.95
38	38	25	SISMA SLO X	4.35	9.35	4.55
38	38	146	SISMA SLO X	2.62	8.14	4.04
38	38	147	SISMA SLO X	1.82	15.7	6.61
38	38	26	SISMA SLO Y	0.77	22.24	3.54
38	38	25	SISMA SLO Y	2.52	21.05	3.36
38	38	146	SISMA SLO Y	1.58	14.06	1.87
38	38	147	SISMA SLO Y	1.2	14.68	3.2
38	38	26	SLT	0.	0.	0.
38	38	25	SLT	0.	0.	0.
38	38	146	SLT	0.	0.	0.
38	38	147	SLT	0.	0.	0.
38	38	26	~TorsionSISMA SLV X	0.	0.	0.
38	38	25	~TorsionSISMA SLV X	0.	0.	0.
38	38	146	~TorsionSISMA SLV X	0.	0.	0.
38	38	147	~TorsionSISMA SLV X	0.	0.	0.
38	38	26	~TorsionSISMA SLV Y	0.	0.	0.
38	38	25	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
38	38	146	~TorsionSISMA SLV Y	0.	0.	0.
38	38	147	~TorsionSISMA SLV Y	0.	0.	0.
38	38	26	~TorsionSISMA SLD X	0.	0.	0.
38	38	25	~TorsionSISMA SLD X	0.	0.	0.
38	38	146	~TorsionSISMA SLD X	0.	0.	0.
38	38	147	~TorsionSISMA SLD X	0.	0.	0.
38	38	26	~TorsionSISMA SLD Y	0.	0.	0.
38	38	25	~TorsionSISMA SLD Y	0.	0.	0.
38	38	146	~TorsionSISMA SLD Y	0.	0.	0.
38	38	147	~TorsionSISMA SLD Y	0.	0.	0.
38	38	26	~TorsionSISMA SLO X	0.	0.	0.
38	38	25	~TorsionSISMA SLO X	0.	0.	0.
38	38	146	~TorsionSISMA SLO X	0.	0.	0.
38	38	147	~TorsionSISMA SLO X	0.	0.	0.
38	38	26	~TorsionSISMA SLO Y	0.	0.	0.
38	38	25	~TorsionSISMA SLO Y	0.	0.	0.
38	38	146	~TorsionSISMA SLO Y	0.	0.	0.
38	38	147	~TorsionSISMA SLO Y	0.	0.	0.
39	39	147	G1_K	-2.19	-94.15	19.13
39	39	146	G1_K	-0.29	-60.89	4.03
39	39	27	G1_K	-11.19	-65.42	7.37
39	39	28	G1_K	-13.01	-98.65	22.47
39	39	147	G2_K	70.89	266.11	3.
39	39	146	G2_K	26.98	-89.78	32.28
39	39	27	G2_K	23.24	-68.1	-6.38
39	39	28	G2_K	66.6	288.3	-35.65
39	39	147	Q_K	-1.8	-30.28	10.41
39	39	146	Q_K	-1.75	-11.66	0.76
39	39	27	Q_K	-7.16	-13.24	4.17
39	39	28	Q_K	-7.16	-31.84	13.83
39	39	147	N_K	-0.22	-3.63	1.25
39	39	146	N_K	-0.21	-1.4	9.061E-02
39	39	27	N_K	-0.86	-1.59	0.5
39	39	28	N_K	-0.86	-3.82	1.66
39	39	147	T+_K	0.	0.	0.
39	39	146	T+_K	0.	0.	0.
39	39	27	T+_K	0.	0.	0.
39	39	28	T+_K	0.	0.	0.
39	39	147	T-_K	0.	0.	0.
39	39	146	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
39	39	27	T-_K	0.	0.	0.
39	39	28	T-_K	0.	0.	0.
39	39	147	G1_D	-2.85	-122.39	24.87
39	39	146	G1_D	-0.38	-79.16	5.24
39	39	27	G1_D	-14.55	-85.04	9.59
39	39	28	G1_D	-16.91	-128.24	29.22
39	39	147	G2_D	92.16	345.95	3.9
39	39	146	G2_D	35.07	-116.71	41.96
39	39	27	G2_D	30.22	-88.52	-8.29
39	39	28	G2_D	86.58	374.79	-46.35
39	39	147	Q_D	-2.7	-45.42	15.61
39	39	146	Q_D	-2.62	-17.49	1.13
39	39	27	Q_D	-10.74	-19.86	6.26
39	39	28	Q_D	-10.74	-47.76	20.74
39	39	147	N_D	-0.32	-5.45	1.87
39	39	146	N_D	-0.31	-2.1	0.14
39	39	27	N_D	-1.29	-2.38	0.75
39	39	28	N_D	-1.29	-5.73	2.49
39	39	147	T+_D	0.	0.	0.
39	39	146	T+_D	0.	0.	0.
39	39	27	T+_D	0.	0.	0.
39	39	28	T+_D	0.	0.	0.
39	39	147	T-_D	0.	0.	0.
39	39	146	T-_D	0.	0.	0.
39	39	27	T-_D	0.	0.	0.
39	39	28	T-_D	0.	0.	0.
39	39	147	W+_K	0.	0.	0.
39	39	146	W+_K	0.	0.	0.
39	39	27	W+_K	0.	0.	0.
39	39	28	W+_K	0.	0.	0.
39	39	147	W-_K	0.	0.	0.
39	39	146	W-_K	0.	0.	0.
39	39	27	W-_K	0.	0.	0.
39	39	28	W-_K	0.	0.	0.
39	39	147	W+_D	0.	0.	0.
39	39	146	W+_D	0.	0.	0.
39	39	27	W+_D	0.	0.	0.
39	39	28	W+_D	0.	0.	0.
39	39	147	W-_D	0.	0.	0.
39	39	146	W-_D	0.	0.	0.
39	39	27	W-_D	0.	0.	0.
39	39	28	W-_D	0.	0.	0.
39	39	147	SISMA SLV X	6.49	22.96	16.06
39	39	146	SISMA SLV X	3.02	25.57	9.39
39	39	27	SISMA SLV X	6.73	12.91	10.08
39	39	28	SISMA SLV X	2.43	30.16	16.83
39	39	147	SISMA SLV Y	3.3	40.49	7.44
39	39	146	SISMA SLV Y	6.22	43.89	4.29
39	39	27	SISMA SLV Y	8.38	27.51	4.8
39	39	28	SISMA SLV Y	2.18	27.13	7.42
39	39	147	SISMA SLD X	3.17	11.21	7.84
39	39	146	SISMA SLD X	1.47	12.49	4.58
39	39	27	SISMA SLD X	3.29	6.31	4.92
39	39	28	SISMA SLD X	1.19	14.73	8.22

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
39	39	147	SISMA SLD Y	1.61	19.77	3.64
39	39	146	SISMA SLD Y	3.04	21.44	2.1
39	39	27	SISMA SLD Y	4.09	13.43	2.34
39	39	28	SISMA SLD Y	1.06	13.25	3.63
39	39	147	SISMA SLO X	2.63	9.29	6.5
39	39	146	SISMA SLO X	1.22	10.34	3.8
39	39	27	SISMA SLO X	2.72	5.22	4.08
39	39	28	SISMA SLO X	0.98	12.2	6.81
39	39	147	SISMA SLO Y	1.33	16.38	3.01
39	39	146	SISMA SLO Y	2.51	17.75	1.74
39	39	27	SISMA SLO Y	3.39	11.12	1.94
39	39	28	SISMA SLO Y	0.88	10.97	3.
39	39	147	SLT	0.	0.	0.
39	39	146	SLT	0.	0.	0.
39	39	27	SLT	0.	0.	0.
39	39	28	SLT	0.	0.	0.
39	39	147	~TorsionSISMA SLV X	0.	0.	0.
39	39	146	~TorsionSISMA SLV X	0.	0.	0.
39	39	27	~TorsionSISMA SLV X	0.	0.	0.
39	39	28	~TorsionSISMA SLV X	0.	0.	0.
39	39	147	~TorsionSISMA SLV Y	0.	0.	0.
39	39	146	~TorsionSISMA SLV Y	0.	0.	0.
39	39	27	~TorsionSISMA SLV Y	0.	0.	0.
39	39	28	~TorsionSISMA SLV Y	0.	0.	0.
39	39	147	~TorsionSISMA SLD X	0.	0.	0.
39	39	146	~TorsionSISMA SLD X	0.	0.	0.
39	39	27	~TorsionSISMA SLD X	0.	0.	0.
39	39	28	~TorsionSISMA SLD X	0.	0.	0.
39	39	147	~TorsionSISMA SLD Y	0.	0.	0.
39	39	146	~TorsionSISMA SLD Y	0.	0.	0.
39	39	27	~TorsionSISMA SLD Y	0.	0.	0.
39	39	28	~TorsionSISMA SLD Y	0.	0.	0.
39	39	147	~TorsionSISMA SLO X	0.	0.	0.
39	39	146	~TorsionSISMA SLO X	0.	0.	0.
39	39	27	~TorsionSISMA SLO X	0.	0.	0.
39	39	28	~TorsionSISMA SLO X	0.	0.	0.
39	39	147	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
39	39	146	~TorsionSISMA SLO Y	0.	0.	0.
39	39	27	~TorsionSISMA SLO Y	0.	0.	0.
39	39	28	~TorsionSISMA SLO Y	0.	0.	0.
40	40	28	G1_K	-11.89	-134.46	32.1
40	40	27	G1_K	-12.79	-32.05	-0.92
40	40	148	G1_K	-45.08	-25.86	20.25
40	40	149	G1_K	-44.14	-128.07	53.27
40	40	28	G2_K	68.82	326.17	-15.37
40	40	27	G2_K	23.44	-93.89	2.83
40	40	148	G2_K	84.8	-87.6	-54.3
40	40	149	G2_K	130.81	331.7	-72.51
40	40	28	Q_K	-7.83	-61.	19.55
40	40	27	Q_K	-10.04	-1.8	-1.08
40	40	148	Q_K	-29.07	4.16	12.6
40	40	149	Q_K	-26.82	-54.93	33.23
40	40	28	N_K	-0.94	-7.32	2.35
40	40	27	N_K	-1.2	-0.22	-0.13
40	40	148	N_K	-3.49	0.5	1.51
40	40	149	N_K	-3.22	-6.59	3.99
40	40	28	T+_K	0.	0.	0.
40	40	27	T+_K	0.	0.	0.
40	40	148	T+_K	0.	0.	0.
40	40	149	T+_K	0.	0.	0.
40	40	28	T-_K	0.	0.	0.
40	40	27	T-_K	0.	0.	0.
40	40	148	T-_K	0.	0.	0.
40	40	149	T-_K	0.	0.	0.
40	40	28	G1_D	-15.46	-174.79	41.73
40	40	27	G1_D	-16.63	-41.67	-1.19
40	40	148	G1_D	-58.61	-33.62	26.32
40	40	149	G1_D	-57.38	-166.49	69.25
40	40	28	G2_D	89.47	424.02	-19.98
40	40	27	G2_D	30.47	-122.06	3.69
40	40	148	G2_D	110.25	-113.88	-70.59
40	40	149	G2_D	170.05	431.21	-94.26
40	40	28	Q_D	-11.74	-91.51	29.33
40	40	27	Q_D	-15.06	-2.7	-1.61
40	40	148	Q_D	-43.61	6.24	18.9
40	40	149	Q_D	-40.23	-82.39	49.85
40	40	28	N_D	-1.41	-10.98	3.52
40	40	27	N_D	-1.81	-0.32	-0.19
40	40	148	N_D	-5.23	0.75	2.27
40	40	149	N_D	-4.83	-9.89	5.98
40	40	28	T+_D	0.	0.	0.
40	40	27	T+_D	0.	0.	0.
40	40	148	T+_D	0.	0.	0.
40	40	149	T+_D	0.	0.	0.
40	40	28	T-_D	0.	0.	0.
40	40	27	T-_D	0.	0.	0.
40	40	148	T-_D	0.	0.	0.
40	40	149	T-_D	0.	0.	0.
40	40	28	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
40	40	27	W+_K	0.	0.	0.
40	40	148	W+_K	0.	0.	0.
40	40	149	W+_K	0.	0.	0.
40	40	28	W-_K	0.	0.	0.
40	40	27	W-_K	0.	0.	0.
40	40	148	W-_K	0.	0.	0.
40	40	149	W-_K	0.	0.	0.
40	40	28	W+_D	0.	0.	0.
40	40	27	W+_D	0.	0.	0.
40	40	148	W+_D	0.	0.	0.
40	40	149	W+_D	0.	0.	0.
40	40	28	W-_D	0.	0.	0.
40	40	27	W-_D	0.	0.	0.
40	40	148	W-_D	0.	0.	0.
40	40	149	W-_D	0.	0.	0.
40	40	28	SISMA SLV X	8.49	62.84	11.15
40	40	27	SISMA SLV X	11.47	27.81	10.49
40	40	148	SISMA SLV X	13.86	12.96	12.87
40	40	149	SISMA SLV X	12.32	74.44	15.14
40	40	28	SISMA SLV Y	3.95	44.05	6.27
40	40	27	SISMA SLV Y	12.1	31.14	6.73
40	40	148	SISMA SLV Y	20.21	13.24	6.31
40	40	149	SISMA SLV Y	10.97	37.11	12.34
40	40	28	SISMA SLD X	4.15	30.69	5.45
40	40	27	SISMA SLD X	5.6	13.58	5.12
40	40	148	SISMA SLD X	6.77	6.33	6.29
40	40	149	SISMA SLD X	6.02	36.36	7.39
40	40	28	SISMA SLD Y	1.93	21.51	3.06
40	40	27	SISMA SLD Y	5.91	15.21	3.29
40	40	148	SISMA SLD Y	9.87	6.47	3.08
40	40	149	SISMA SLD Y	5.36	18.13	6.03
40	40	28	SISMA SLO X	3.44	25.43	4.51
40	40	27	SISMA SLO X	4.64	11.25	4.24
40	40	148	SISMA SLO X	5.61	5.24	5.21
40	40	149	SISMA SLO X	4.99	30.12	6.13
40	40	28	SISMA SLO Y	1.6	17.82	2.53
40	40	27	SISMA SLO Y	4.89	12.6	2.72
40	40	148	SISMA SLO Y	8.17	5.36	2.55
40	40	149	SISMA SLO Y	4.44	15.01	4.99
40	40	28	SLT	0.	0.	0.
40	40	27	SLT	0.	0.	0.
40	40	148	SLT	0.	0.	0.
40	40	149	SLT	0.	0.	0.
40	40	28	~TorsionSISMA SLV X	0.	0.	0.
40	40	27	~TorsionSISMA SLV X	0.	0.	0.
40	40	148	~TorsionSISMA SLV X	0.	0.	0.
40	40	149	~TorsionSISMA SLV X	0.	0.	0.
40	40	28	~TorsionSISMA SLV Y	0.	0.	0.
40	40	27	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
40	40	148	~TorsionSISMA SLV Y	0.	0.	0.
40	40	149	~TorsionSISMA SLV Y	0.	0.	0.
40	40	28	~TorsionSISMA SLD X	0.	0.	0.
40	40	27	~TorsionSISMA SLD X	0.	0.	0.
40	40	148	~TorsionSISMA SLD X	0.	0.	0.
40	40	149	~TorsionSISMA SLD X	0.	0.	0.
40	40	28	~TorsionSISMA SLD Y	0.	0.	0.
40	40	27	~TorsionSISMA SLD Y	0.	0.	0.
40	40	148	~TorsionSISMA SLD Y	0.	0.	0.
40	40	149	~TorsionSISMA SLD Y	0.	0.	0.
40	40	28	~TorsionSISMA SLO X	0.	0.	0.
40	40	27	~TorsionSISMA SLO X	0.	0.	0.
40	40	148	~TorsionSISMA SLO X	0.	0.	0.
40	40	149	~TorsionSISMA SLO X	0.	0.	0.
40	40	28	~TorsionSISMA SLO Y	0.	0.	0.
40	40	27	~TorsionSISMA SLO Y	0.	0.	0.
40	40	148	~TorsionSISMA SLO Y	0.	0.	0.
40	40	149	~TorsionSISMA SLO Y	0.	0.	0.
41	41	100	G1_K	-25.99	-127.86	-4.73
41	41	161	G1_K	-24.57	-124.94	-6.82
41	41	29	G1_K	-11.27	-101.47	-20.9
41	41	30	G1_K	-12.77	-103.3	-18.82
41	41	100	G2_K	22.47	89.47	-8.83
41	41	161	G2_K	-23.1	-92.62	66.22
41	41	29	G2_K	5.53	-36.32	64.03
41	41	30	G2_K	52.01	137.09	-11.02
41	41	100	Q_K	-6.95	-28.3	0.44
41	41	161	Q_K	-5.05	-31.73	-3.17
41	41	29	Q_K	-3.23	-25.14	-10.74
41	41	30	Q_K	-5.23	-21.22	-7.13
41	41	100	N_K	-0.83	-3.4	5.272E-02
41	41	161	N_K	-0.61	-3.81	-0.38
41	41	29	N_K	-0.39	-3.02	-1.29
41	41	30	N_K	-0.63	-2.55	-0.86
41	41	100	T+_K	0.	0.	0.
41	41	161	T+_K	0.	0.	0.
41	41	29	T+_K	0.	0.	0.
41	41	30	T+_K	0.	0.	0.
41	41	100	T-_K	0.	0.	0.
41	41	161	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
41	41	29	T-_K	0.	0.	0.
41	41	30	T-_K	0.	0.	0.
41	41	100	G1_D	-33.79	-166.22	-6.14
41	41	161	G1_D	-31.94	-162.43	-8.86
41	41	29	G1_D	-14.65	-131.91	-27.18
41	41	30	G1_D	-16.6	-134.29	-24.46
41	41	100	G2_D	29.21	116.31	-11.49
41	41	161	G2_D	-30.03	-120.41	86.08
41	41	29	G2_D	7.19	-47.21	83.24
41	41	30	G2_D	67.62	178.22	-14.33
41	41	100	Q_D	-10.43	-42.45	0.66
41	41	161	Q_D	-7.58	-47.6	-4.76
41	41	29	Q_D	-4.84	-37.71	-16.12
41	41	30	Q_D	-7.85	-31.83	-10.7
41	41	100	N_D	-1.25	-5.09	7.908E-02
41	41	161	N_D	-0.91	-5.71	-0.57
41	41	29	N_D	-0.58	-4.52	-1.93
41	41	30	N_D	-0.94	-3.82	-1.28
41	41	100	T+_D	0.	0.	0.
41	41	161	T+_D	0.	0.	0.
41	41	29	T+_D	0.	0.	0.
41	41	30	T+_D	0.	0.	0.
41	41	100	T-_D	0.	0.	0.
41	41	161	T-_D	0.	0.	0.
41	41	29	T-_D	0.	0.	0.
41	41	30	T-_D	0.	0.	0.
41	41	100	W+_K	0.	0.	0.
41	41	161	W+_K	0.	0.	0.
41	41	29	W+_K	0.	0.	0.
41	41	30	W+_K	0.	0.	0.
41	41	100	W-_K	0.	0.	0.
41	41	161	W-_K	0.	0.	0.
41	41	29	W-_K	0.	0.	0.
41	41	30	W-_K	0.	0.	0.
41	41	100	W+_D	0.	0.	0.
41	41	161	W+_D	0.	0.	0.
41	41	29	W+_D	0.	0.	0.
41	41	30	W+_D	0.	0.	0.
41	41	100	W-_D	0.	0.	0.
41	41	161	W-_D	0.	0.	0.
41	41	29	W-_D	0.	0.	0.
41	41	30	W-_D	0.	0.	0.
41	41	100	SISMA SLV X	15.63	79.08	7.89
41	41	161	SISMA SLV X	7.42	39.14	14.92
41	41	29	SISMA SLV X	3.15	20.76	25.21
41	41	30	SISMA SLV X	12.66	68.98	17.92
41	41	100	SISMA SLV Y	19.44	91.1	5.35
41	41	161	SISMA SLV Y	14.6	79.79	7.8
41	41	29	SISMA SLV Y	4.1	35.3	11.25
41	41	30	SISMA SLV Y	9.37	49.58	8.16
41	41	100	SISMA SLD X	7.63	38.62	3.85
41	41	161	SISMA SLD X	3.62	19.12	7.29
41	41	29	SISMA SLD X	1.54	10.14	12.31
41	41	30	SISMA SLD X	6.18	33.69	8.75

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
41	41	100	SISMA SLD Y	9.5	44.49	2.61
41	41	161	SISMA SLD Y	7.13	38.97	3.81
41	41	29	SISMA SLD Y	2.	17.24	5.49
41	41	30	SISMA SLD Y	4.58	24.22	3.98
41	41	100	SISMA SLO X	6.32	32.	3.19
41	41	161	SISMA SLO X	3.	15.83	6.03
41	41	29	SISMA SLO X	1.27	8.4	10.2
41	41	30	SISMA SLO X	5.12	27.91	7.25
41	41	100	SISMA SLO Y	7.87	36.85	2.16
41	41	161	SISMA SLO Y	5.91	32.27	3.15
41	41	29	SISMA SLO Y	1.66	14.28	4.55
41	41	30	SISMA SLO Y	3.79	20.06	3.3
41	41	100	SLT	0.	0.	0.
41	41	161	SLT	0.	0.	0.
41	41	29	SLT	0.	0.	0.
41	41	30	SLT	0.	0.	0.
41	41	100	~TorsionSISMA SLV X	0.	0.	0.
41	41	161	~TorsionSISMA SLV X	0.	0.	0.
41	41	29	~TorsionSISMA SLV X	0.	0.	0.
41	41	30	~TorsionSISMA SLV X	0.	0.	0.
41	41	100	~TorsionSISMA SLV Y	0.	0.	0.
41	41	161	~TorsionSISMA SLV Y	0.	0.	0.
41	41	29	~TorsionSISMA SLV Y	0.	0.	0.
41	41	30	~TorsionSISMA SLV Y	0.	0.	0.
41	41	100	~TorsionSISMA SLD X	0.	0.	0.
41	41	161	~TorsionSISMA SLD X	0.	0.	0.
41	41	29	~TorsionSISMA SLD X	0.	0.	0.
41	41	30	~TorsionSISMA SLD X	0.	0.	0.
41	41	100	~TorsionSISMA SLD Y	0.	0.	0.
41	41	161	~TorsionSISMA SLD Y	0.	0.	0.
41	41	29	~TorsionSISMA SLD Y	0.	0.	0.
41	41	30	~TorsionSISMA SLD Y	0.	0.	0.
41	41	100	~TorsionSISMA SLO X	0.	0.	0.
41	41	161	~TorsionSISMA SLO X	0.	0.	0.
41	41	29	~TorsionSISMA SLO X	0.	0.	0.
41	41	30	~TorsionSISMA SLO X	0.	0.	0.
41	41	100	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
41	41	161	~TorsionSISMA SLO Y	0.	0.	0.
41	41	29	~TorsionSISMA SLO Y	0.	0.	0.
41	41	30	~TorsionSISMA SLO Y	0.	0.	0.
42	42	30	G1_K	-11.57	-76.43	-2.99
42	42	29	G1_K	-4.89	-90.43	-25.08
42	42	162	G1_K	-8.44	-89.27	-26.6
42	42	163	G1_K	-15.4	-75.18	-4.51
42	42	30	G2_K	44.38	15.78	-68.12
42	42	29	G2_K	1.735E-02	19.27	77.55
42	42	162	G2_K	58.81	81.58	81.68
42	42	163	G2_K	104.1	71.94	-64.
42	42	30	Q_K	-7.93	-18.12	-0.69
42	42	29	Q_K	0.71	-22.01	-14.14
42	42	162	Q_K	-2.51	-20.96	-16.02
42	42	163	Q_K	-11.32	-17.01	-2.58
42	42	30	N_K	-0.95	-2.17	-8.311E-02
42	42	29	N_K	8.566E-02	-2.64	-1.7
42	42	162	N_K	-0.3	-2.52	-1.92
42	42	163	N_K	-1.36	-2.04	-0.31
42	42	30	T+_K	0.	0.	0.
42	42	29	T+_K	0.	0.	0.
42	42	162	T+_K	0.	0.	0.
42	42	163	T+_K	0.	0.	0.
42	42	30	T-_K	0.	0.	0.
42	42	29	T-_K	0.	0.	0.
42	42	162	T-_K	0.	0.	0.
42	42	163	T-_K	0.	0.	0.
42	42	30	G1_D	-15.04	-99.36	-3.89
42	42	29	G1_D	-6.36	-117.55	-32.6
42	42	162	G1_D	-10.97	-116.05	-34.58
42	42	163	G1_D	-20.02	-97.74	-5.87
42	42	30	G2_D	57.7	20.51	-88.56
42	42	29	G2_D	2.256E-02	25.05	100.82
42	42	162	G2_D	76.45	106.05	106.18
42	42	163	G2_D	135.33	93.53	-83.2
42	42	30	Q_D	-11.9	-27.18	-1.04
42	42	29	Q_D	1.07	-33.02	-21.21
42	42	162	Q_D	-3.77	-31.44	-24.03
42	42	163	Q_D	-16.98	-25.52	-3.86
42	42	30	N_D	-1.43	-3.26	-0.12
42	42	29	N_D	0.13	-3.96	-2.54
42	42	162	N_D	-0.45	-3.77	-2.88
42	42	163	N_D	-2.04	-3.06	-0.46
42	42	30	T+_D	0.	0.	0.
42	42	29	T+_D	0.	0.	0.
42	42	162	T+_D	0.	0.	0.
42	42	163	T+_D	0.	0.	0.
42	42	30	T-_D	0.	0.	0.
42	42	29	T-_D	0.	0.	0.
42	42	162	T-_D	0.	0.	0.
42	42	163	T-_D	0.	0.	0.
42	42	30	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
42	42	29	W+_K	0.	0.	0.
42	42	162	W+_K	0.	0.	0.
42	42	163	W+_K	0.	0.	0.
42	42	30	W-_K	0.	0.	0.
42	42	29	W-_K	0.	0.	0.
42	42	162	W-_K	0.	0.	0.
42	42	163	W-_K	0.	0.	0.
42	42	30	W+_D	0.	0.	0.
42	42	29	W+_D	0.	0.	0.
42	42	162	W+_D	0.	0.	0.
42	42	163	W+_D	0.	0.	0.
42	42	30	W-_D	0.	0.	0.
42	42	29	W-_D	0.	0.	0.
42	42	162	W-_D	0.	0.	0.
42	42	163	W-_D	0.	0.	0.
42	42	30	SISMA SLV X	10.27	45.11	7.22
42	42	29	SISMA SLV X	3.37	20.21	24.33
42	42	162	SISMA SLV X	6.53	21.64	21.73
42	42	163	SISMA SLV X	12.01	47.09	4.29
42	42	30	SISMA SLV Y	14.03	47.93	4.12
42	42	29	SISMA SLV Y	3.34	31.36	10.65
42	42	162	SISMA SLV Y	7.08	13.3	9.7
42	42	163	SISMA SLV Y	11.2	29.16	2.52
42	42	30	SISMA SLD X	5.01	22.03	3.53
42	42	29	SISMA SLD X	1.65	9.87	11.89
42	42	162	SISMA SLD X	3.19	10.57	10.61
42	42	163	SISMA SLD X	5.86	23.	2.1
42	42	30	SISMA SLD Y	6.85	23.41	2.01
42	42	29	SISMA SLD Y	1.63	15.31	5.2
42	42	162	SISMA SLD Y	3.46	6.5	4.74
42	42	163	SISMA SLD Y	5.47	14.24	1.23
42	42	30	SISMA SLO X	4.15	18.25	2.92
42	42	29	SISMA SLO X	1.36	8.18	9.85
42	42	162	SISMA SLO X	2.64	8.76	8.79
42	42	163	SISMA SLO X	4.86	19.06	1.74
42	42	30	SISMA SLO Y	5.67	19.39	1.66
42	42	29	SISMA SLO Y	1.35	12.68	4.31
42	42	162	SISMA SLO Y	2.86	5.38	3.93
42	42	163	SISMA SLO Y	4.53	11.8	1.02
42	42	30	SLT	0.	0.	0.
42	42	29	SLT	0.	0.	0.
42	42	162	SLT	0.	0.	0.
42	42	163	SLT	0.	0.	0.
42	42	30	~TorsionSISMA SLV X	0.	0.	0.
42	42	29	~TorsionSISMA SLV X	0.	0.	0.
42	42	162	~TorsionSISMA SLV X	0.	0.	0.
42	42	163	~TorsionSISMA SLV X	0.	0.	0.
42	42	30	~TorsionSISMA SLV Y	0.	0.	0.
42	42	29	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
42	42	162	~TorsionSISMA SLV Y	0.	0.	0.
42	42	163	~TorsionSISMA SLV Y	0.	0.	0.
42	42	30	~TorsionSISMA SLD X	0.	0.	0.
42	42	29	~TorsionSISMA SLD X	0.	0.	0.
42	42	162	~TorsionSISMA SLD X	0.	0.	0.
42	42	163	~TorsionSISMA SLD X	0.	0.	0.
42	42	30	~TorsionSISMA SLD Y	0.	0.	0.
42	42	29	~TorsionSISMA SLD Y	0.	0.	0.
42	42	162	~TorsionSISMA SLD Y	0.	0.	0.
42	42	163	~TorsionSISMA SLD Y	0.	0.	0.
42	42	30	~TorsionSISMA SLO X	0.	0.	0.
42	42	29	~TorsionSISMA SLO X	0.	0.	0.
42	42	162	~TorsionSISMA SLO X	0.	0.	0.
42	42	163	~TorsionSISMA SLO X	0.	0.	0.
42	42	30	~TorsionSISMA SLO Y	0.	0.	0.
42	42	29	~TorsionSISMA SLO Y	0.	0.	0.
42	42	162	~TorsionSISMA SLO Y	0.	0.	0.
42	42	163	~TorsionSISMA SLO Y	0.	0.	0.
43	43	163	G1_K	-19.73	-57.2	-4.59
43	43	162	G1_K	2.9	-72.24	-26.73
43	43	31	G1_K	-5.79	-69.98	-27.66
43	43	32	G1_K	-28.76	-53.87	-5.51
43	43	163	G2_K	107.3	21.33	-23.1
43	43	162	G2_K	45.16	79.92	41.93
43	43	31	G2_K	72.2	111.22	48.51
43	43	32	G2_K	134.82	49.63	-16.53
43	43	163	Q_K	-15.06	-12.7	-2.89
43	43	162	Q_K	2.58	-18.55	-16.31
43	43	31	Q_K	-1.44	-16.22	-17.31
43	43	32	Q_K	-19.28	-9.74	-3.89
43	43	163	N_K	-1.81	-1.52	-0.35
43	43	162	N_K	0.31	-2.23	-1.96
43	43	31	N_K	-0.17	-1.95	-2.08
43	43	32	N_K	-2.31	-1.17	-0.47
43	43	163	T+_K	0.	0.	0.
43	43	162	T+_K	0.	0.	0.
43	43	31	T+_K	0.	0.	0.
43	43	32	T+_K	0.	0.	0.
43	43	163	T-_K	0.	0.	0.
43	43	162	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
43	43	31	T-_K	0.	0.	0.
43	43	32	T-_K	0.	0.	0.
43	43	163	G1_D	-25.65	-74.36	-5.96
43	43	162	G1_D	3.77	-93.91	-34.75
43	43	31	G1_D	-7.53	-90.97	-35.96
43	43	32	G1_D	-37.39	-70.03	-7.17
43	43	163	G2_D	139.49	27.73	-30.03
43	43	162	G2_D	58.7	103.9	54.51
43	43	31	G2_D	93.86	144.59	63.06
43	43	32	G2_D	175.27	64.52	-21.49
43	43	163	Q_D	-22.59	-19.06	-4.34
43	43	162	Q_D	3.87	-27.82	-24.47
43	43	31	Q_D	-2.15	-24.33	-25.96
43	43	32	Q_D	-28.92	-14.61	-5.83
43	43	163	N_D	-2.71	-2.29	-0.52
43	43	162	N_D	0.46	-3.34	-2.94
43	43	31	N_D	-0.26	-2.92	-3.12
43	43	32	N_D	-3.47	-1.75	-0.7
43	43	163	T+_D	0.	0.	0.
43	43	162	T+_D	0.	0.	0.
43	43	31	T+_D	0.	0.	0.
43	43	32	T+_D	0.	0.	0.
43	43	163	T-_D	0.	0.	0.
43	43	162	T-_D	0.	0.	0.
43	43	31	T-_D	0.	0.	0.
43	43	32	T-_D	0.	0.	0.
43	43	163	W+_K	0.	0.	0.
43	43	162	W+_K	0.	0.	0.
43	43	31	W+_K	0.	0.	0.
43	43	32	W+_K	0.	0.	0.
43	43	163	W-_K	0.	0.	0.
43	43	162	W-_K	0.	0.	0.
43	43	31	W-_K	0.	0.	0.
43	43	32	W-_K	0.	0.	0.
43	43	163	W+_D	0.	0.	0.
43	43	162	W+_D	0.	0.	0.
43	43	31	W+_D	0.	0.	0.
43	43	32	W+_D	0.	0.	0.
43	43	163	W-_D	0.	0.	0.
43	43	162	W-_D	0.	0.	0.
43	43	31	W-_D	0.	0.	0.
43	43	32	W-_D	0.	0.	0.
43	43	163	SISMA SLV X	13.62	33.74	4.68
43	43	162	SISMA SLV X	7.9	15.99	21.34
43	43	31	SISMA SLV X	11.17	23.86	21.1
43	43	32	SISMA SLV X	16.74	36.91	4.87
43	43	163	SISMA SLV Y	19.62	35.67	2.63
43	43	162	SISMA SLV Y	14.17	8.76	9.32
43	43	31	SISMA SLV Y	16.94	20.88	10.79
43	43	32	SISMA SLV Y	17.99	22.16	6.56
43	43	163	SISMA SLD X	6.65	16.48	2.28
43	43	162	SISMA SLD X	3.86	7.81	10.42
43	43	31	SISMA SLD X	5.45	11.65	10.31
43	43	32	SISMA SLD X	8.18	18.03	2.38

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
43	43	163	SISMA SLD Y	9.58	17.42	1.28
43	43	162	SISMA SLD Y	6.92	4.28	4.55
43	43	31	SISMA SLD Y	8.27	10.2	5.27
43	43	32	SISMA SLD Y	8.79	10.82	3.2
43	43	163	SISMA SLO X	5.51	13.65	1.89
43	43	162	SISMA SLO X	3.19	6.47	8.63
43	43	31	SISMA SLO X	4.51	9.65	8.54
43	43	32	SISMA SLO X	6.78	14.93	1.97
43	43	163	SISMA SLO Y	7.94	14.43	1.06
43	43	162	SISMA SLO Y	5.73	3.54	3.77
43	43	31	SISMA SLO Y	6.85	8.44	4.36
43	43	32	SISMA SLO Y	7.28	8.96	2.65
43	43	163	SLT	0.	0.	0.
43	43	162	SLT	0.	0.	0.
43	43	31	SLT	0.	0.	0.
43	43	32	SLT	0.	0.	0.
43	43	163	~TorsionSISMA SLV X	0.	0.	0.
43	43	162	~TorsionSISMA SLV X	0.	0.	0.
43	43	31	~TorsionSISMA SLV X	0.	0.	0.
43	43	32	~TorsionSISMA SLV X	0.	0.	0.
43	43	163	~TorsionSISMA SLV Y	0.	0.	0.
43	43	162	~TorsionSISMA SLV Y	0.	0.	0.
43	43	31	~TorsionSISMA SLV Y	0.	0.	0.
43	43	32	~TorsionSISMA SLV Y	0.	0.	0.
43	43	163	~TorsionSISMA SLD X	0.	0.	0.
43	43	162	~TorsionSISMA SLD X	0.	0.	0.
43	43	31	~TorsionSISMA SLD X	0.	0.	0.
43	43	32	~TorsionSISMA SLD X	0.	0.	0.
43	43	163	~TorsionSISMA SLD Y	0.	0.	0.
43	43	162	~TorsionSISMA SLD Y	0.	0.	0.
43	43	31	~TorsionSISMA SLD Y	0.	0.	0.
43	43	32	~TorsionSISMA SLD Y	0.	0.	0.
43	43	163	~TorsionSISMA SLO X	0.	0.	0.
43	43	162	~TorsionSISMA SLO X	0.	0.	0.
43	43	31	~TorsionSISMA SLO X	0.	0.	0.
43	43	32	~TorsionSISMA SLO X	0.	0.	0.
43	43	163	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
43	43	162	~TorsionSISMA SLO Y	0.	0.	0.
43	43	31	~TorsionSISMA SLO Y	0.	0.	0.
43	43	32	~TorsionSISMA SLO Y	0.	0.	0.
44	44	32	G1_K	-33.74	-43.92	-6.89
44	44	31	G1_K	5.67	-47.53	-29.4
44	44	164	G1_K	-0.68	-33.17	-21.18
44	44	165	G1_K	-40.27	-30.39	1.32
44	44	32	G2_K	135.81	25.7	40.8
44	44	31	G2_K	62.92	93.7	3.63
44	44	164	G2_K	54.74	94.28	10.33
44	44	165	G2_K	127.69	26.72	47.5
44	44	32	Q_K	-23.71	-11.47	-4.82
44	44	31	Q_K	3.74	-10.79	-18.58
44	44	164	Q_K	1.27	-0.51	-13.43
44	44	165	Q_K	-26.28	-1.73	0.34
44	44	32	N_K	-2.85	-1.38	-0.58
44	44	31	N_K	0.45	-1.3	-2.23
44	44	164	N_K	0.15	-6.151E-02	-1.61
44	44	165	N_K	-3.15	-0.21	4.030E-02
44	44	32	T+_K	0.	0.	0.
44	44	31	T+_K	0.	0.	0.
44	44	164	T+_K	0.	0.	0.
44	44	165	T+_K	0.	0.	0.
44	44	32	T-_K	0.	0.	0.
44	44	31	T-_K	0.	0.	0.
44	44	164	T-_K	0.	0.	0.
44	44	165	T-_K	0.	0.	0.
44	44	32	G1_D	-43.87	-57.1	-8.96
44	44	31	G1_D	7.37	-61.79	-38.22
44	44	164	G1_D	-0.88	-43.12	-27.54
44	44	165	G1_D	-52.35	-39.51	1.72
44	44	32	G2_D	176.56	33.4	53.05
44	44	31	G2_D	81.79	121.81	4.72
44	44	164	G2_D	71.16	122.56	13.43
44	44	165	G2_D	166.	34.74	61.75
44	44	32	Q_D	-35.57	-17.21	-7.23
44	44	31	Q_D	5.61	-16.19	-27.87
44	44	164	Q_D	1.91	-0.77	-20.14
44	44	165	Q_D	-39.43	-2.6	0.5
44	44	32	N_D	-4.27	-2.06	-0.87
44	44	31	N_D	0.67	-1.94	-3.34
44	44	164	N_D	0.23	-9.227E-02	-2.42
44	44	165	N_D	-4.73	-0.31	6.045E-02
44	44	32	T+_D	0.	0.	0.
44	44	31	T+_D	0.	0.	0.
44	44	164	T+_D	0.	0.	0.
44	44	165	T+_D	0.	0.	0.
44	44	32	T-_D	0.	0.	0.
44	44	31	T-_D	0.	0.	0.
44	44	164	T-_D	0.	0.	0.
44	44	165	T-_D	0.	0.	0.
44	44	32	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
44	44	31	W+_K	0.	0.	0.
44	44	164	W+_K	0.	0.	0.
44	44	165	W+_K	0.	0.	0.
44	44	32	W-_K	0.	0.	0.
44	44	31	W-_K	0.	0.	0.
44	44	164	W-_K	0.	0.	0.
44	44	165	W-_K	0.	0.	0.
44	44	32	W+_D	0.	0.	0.
44	44	31	W+_D	0.	0.	0.
44	44	164	W+_D	0.	0.	0.
44	44	165	W+_D	0.	0.	0.
44	44	32	W-_D	0.	0.	0.
44	44	31	W-_D	0.	0.	0.
44	44	164	W-_D	0.	0.	0.
44	44	165	W-_D	0.	0.	0.
44	44	32	SISMA SLV X	17.18	23.64	8.32
44	44	31	SISMA SLV X	10.81	17.78	17.09
44	44	164	SISMA SLV X	12.53	25.14	17.84
44	44	165	SISMA SLV X	17.39	26.92	10.03
44	44	32	SISMA SLV Y	22.07	24.41	6.21
44	44	31	SISMA SLV Y	19.48	19.62	9.86
44	44	164	SISMA SLV Y	23.17	30.91	17.3
44	44	165	SISMA SLV Y	18.65	15.57	14.69
44	44	32	SISMA SLD X	8.39	11.55	4.06
44	44	31	SISMA SLD X	5.28	8.68	8.35
44	44	164	SISMA SLD X	6.12	12.28	8.71
44	44	165	SISMA SLD X	8.49	13.15	4.9
44	44	32	SISMA SLD Y	10.78	11.92	3.04
44	44	31	SISMA SLD Y	9.52	9.58	4.81
44	44	164	SISMA SLD Y	11.32	15.1	8.45
44	44	165	SISMA SLD Y	9.11	7.6	7.17
44	44	32	SISMA SLO X	6.95	9.57	3.37
44	44	31	SISMA SLO X	4.37	7.19	6.91
44	44	164	SISMA SLO X	5.06	10.17	7.22
44	44	165	SISMA SLO X	7.04	10.89	4.06
44	44	32	SISMA SLO Y	8.93	9.87	2.51
44	44	31	SISMA SLO Y	7.88	7.93	3.99
44	44	164	SISMA SLO Y	9.37	12.5	7.
44	44	165	SISMA SLO Y	7.54	6.3	5.94
44	44	32	SLT	0.	0.	0.
44	44	31	SLT	0.	0.	0.
44	44	164	SLT	0.	0.	0.
44	44	165	SLT	0.	0.	0.
44	44	32	~TorsionSISMA SLV X	0.	0.	0.
44	44	31	~TorsionSISMA SLV X	0.	0.	0.
44	44	164	~TorsionSISMA SLV X	0.	0.	0.
44	44	165	~TorsionSISMA SLV X	0.	0.	0.
44	44	32	~TorsionSISMA SLV Y	0.	0.	0.
44	44	31	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
44	44	164	~TorsionSISMA SLV Y	0.	0.	0.
44	44	165	~TorsionSISMA SLV Y	0.	0.	0.
44	44	32	~TorsionSISMA SLD X	0.	0.	0.
44	44	31	~TorsionSISMA SLD X	0.	0.	0.
44	44	164	~TorsionSISMA SLD X	0.	0.	0.
44	44	165	~TorsionSISMA SLD X	0.	0.	0.
44	44	32	~TorsionSISMA SLD Y	0.	0.	0.
44	44	31	~TorsionSISMA SLD Y	0.	0.	0.
44	44	164	~TorsionSISMA SLD Y	0.	0.	0.
44	44	165	~TorsionSISMA SLD Y	0.	0.	0.
44	44	32	~TorsionSISMA SLO X	0.	0.	0.
44	44	31	~TorsionSISMA SLO X	0.	0.	0.
44	44	164	~TorsionSISMA SLO X	0.	0.	0.
44	44	165	~TorsionSISMA SLO X	0.	0.	0.
44	44	32	~TorsionSISMA SLO Y	0.	0.	0.
44	44	31	~TorsionSISMA SLO Y	0.	0.	0.
44	44	164	~TorsionSISMA SLO Y	0.	0.	0.
44	44	165	~TorsionSISMA SLO Y	0.	0.	0.
45	45	165	G1_K	-40.61	-17.21	-20.29
45	45	164	G1_K	4.34	-22.96	-7.93
45	45	33	G1_K	12.59	18.97	12.22
45	45	34	G1_K	-32.33	24.14	-0.14
45	45	165	G2_K	127.65	29.75	95.59
45	45	164	G2_K	49.8	66.33	-27.12
45	45	33	G2_K	9.71	37.05	-24.26
45	45	34	G2_K	87.28	3.66	98.45
45	45	165	Q_K	-27.76	-0.98	-13.34
45	45	164	Q_K	2.35	-3.25	-5.08
45	45	33	Q_K	9.41	24.72	7.74
45	45	34	Q_K	-20.67	26.61	-0.52
45	45	165	N_K	-3.33	-0.12	-1.6
45	45	164	N_K	0.28	-0.39	-0.61
45	45	33	N_K	1.13	2.97	0.93
45	45	34	N_K	-2.48	3.19	-6.264E-02
45	45	165	T+_K	0.	0.	0.
45	45	164	T+_K	0.	0.	0.
45	45	33	T+_K	0.	0.	0.
45	45	34	T+_K	0.	0.	0.
45	45	165	T-_K	0.	0.	0.
45	45	164	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
45	45	33	T-_K	0.	0.	0.
45	45	34	T-_K	0.	0.	0.
45	45	165	G1_D	-52.79	-22.38	-26.37
45	45	164	G1_D	5.64	-29.85	-10.31
45	45	33	G1_D	16.36	24.66	15.89
45	45	34	G1_D	-42.03	31.38	-0.18
45	45	165	G2_D	165.94	38.68	124.27
45	45	164	G2_D	64.74	86.23	-35.26
45	45	33	G2_D	12.62	48.17	-31.54
45	45	34	G2_D	113.47	4.76	127.99
45	45	165	Q_D	-41.64	-1.47	-20.01
45	45	164	Q_D	3.53	-4.87	-7.62
45	45	33	Q_D	14.12	37.07	11.6
45	45	34	Q_D	-31.01	39.91	-0.78
45	45	165	N_D	-5.	-0.18	-2.4
45	45	164	N_D	0.42	-0.58	-0.91
45	45	33	N_D	1.69	4.45	1.39
45	45	34	N_D	-3.72	4.79	-9.396E-02
45	45	165	T+_D	0.	0.	0.
45	45	164	T+_D	0.	0.	0.
45	45	33	T+_D	0.	0.	0.
45	45	34	T+_D	0.	0.	0.
45	45	165	T-_D	0.	0.	0.
45	45	164	T-_D	0.	0.	0.
45	45	33	T-_D	0.	0.	0.
45	45	34	T-_D	0.	0.	0.
45	45	165	W+_K	0.	0.	0.
45	45	164	W+_K	0.	0.	0.
45	45	33	W+_K	0.	0.	0.
45	45	34	W+_K	0.	0.	0.
45	45	165	W-_K	0.	0.	0.
45	45	164	W-_K	0.	0.	0.
45	45	33	W-_K	0.	0.	0.
45	45	34	W-_K	0.	0.	0.
45	45	165	W+_D	0.	0.	0.
45	45	164	W+_D	0.	0.	0.
45	45	33	W+_D	0.	0.	0.
45	45	34	W+_D	0.	0.	0.
45	45	165	W-_D	0.	0.	0.
45	45	164	W-_D	0.	0.	0.
45	45	33	W-_D	0.	0.	0.
45	45	34	W-_D	0.	0.	0.
45	45	165	SISMA SLV X	16.2	16.38	13.2
45	45	164	SISMA SLV X	9.62	14.74	14.17
45	45	33	SISMA SLV X	11.91	19.91	16.38
45	45	34	SISMA SLV X	13.71	20.13	14.74
45	45	165	SISMA SLV Y	16.75	13.28	13.19
45	45	164	SISMA SLV Y	18.9	20.36	17.45
45	45	33	SISMA SLV Y	24.73	25.56	22.52
45	45	34	SISMA SLV Y	10.97	10.63	18.12
45	45	165	SISMA SLD X	7.92	8.	6.45
45	45	164	SISMA SLD X	4.7	7.2	6.92
45	45	33	SISMA SLD X	5.82	9.72	8.
45	45	34	SISMA SLD X	6.7	9.83	7.2

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
45	45	165	SISMA SLD Y	8.18	6.48	6.44
45	45	164	SISMA SLD Y	9.23	9.95	8.52
45	45	33	SISMA SLD Y	12.08	12.48	11.
45	45	34	SISMA SLD Y	5.36	5.19	8.85
45	45	165	SISMA SLO X	6.56	6.63	5.34
45	45	164	SISMA SLO X	3.89	5.96	5.73
45	45	33	SISMA SLO X	4.82	8.05	6.62
45	45	34	SISMA SLO X	5.55	8.14	5.96
45	45	165	SISMA SLO Y	6.78	5.37	5.34
45	45	164	SISMA SLO Y	7.64	8.24	7.06
45	45	33	SISMA SLO Y	10.	10.34	9.11
45	45	34	SISMA SLO Y	4.44	4.3	7.33
45	45	165	SLT	0.	0.	0.
45	45	164	SLT	0.	0.	0.
45	45	33	SLT	0.	0.	0.
45	45	34	SLT	0.	0.	0.
45	45	165	~TorsionSISMA SLV X	0.	0.	0.
45	45	164	~TorsionSISMA SLV X	0.	0.	0.
45	45	33	~TorsionSISMA SLV X	0.	0.	0.
45	45	34	~TorsionSISMA SLV X	0.	0.	0.
45	45	165	~TorsionSISMA SLV Y	0.	0.	0.
45	45	164	~TorsionSISMA SLV Y	0.	0.	0.
45	45	33	~TorsionSISMA SLV Y	0.	0.	0.
45	45	34	~TorsionSISMA SLV Y	0.	0.	0.
45	45	165	~TorsionSISMA SLD X	0.	0.	0.
45	45	164	~TorsionSISMA SLD X	0.	0.	0.
45	45	33	~TorsionSISMA SLD X	0.	0.	0.
45	45	34	~TorsionSISMA SLD X	0.	0.	0.
45	45	165	~TorsionSISMA SLD Y	0.	0.	0.
45	45	164	~TorsionSISMA SLD Y	0.	0.	0.
45	45	33	~TorsionSISMA SLD Y	0.	0.	0.
45	45	34	~TorsionSISMA SLD Y	0.	0.	0.
45	45	165	~TorsionSISMA SLO X	0.	0.	0.
45	45	164	~TorsionSISMA SLO X	0.	0.	0.
45	45	33	~TorsionSISMA SLO X	0.	0.	0.
45	45	34	~TorsionSISMA SLO X	0.	0.	0.
45	45	165	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
45	45	164	~TorsionSISMA SLO Y	0.	0.	0.
45	45	33	~TorsionSISMA SLO Y	0.	0.	0.
45	45	34	~TorsionSISMA SLO Y	0.	0.	0.
46	46	34	G1_K	-34.65	-11.14	-31.05
46	46	33	G1_K	14.25	50.95	34.99
46	46	119	G1_K	36.05	121.04	86.33
46	46	104	G1_K	-12.29	53.24	20.28
46	46	34	G2_K	87.61	33.69	91.37
46	46	33	G2_K	4.84	-15.66	-21.43
46	46	119	G2_K	-19.78	-66.47	-37.68
46	46	104	G2_K	62.53	-12.53	75.13
46	46	34	Q_K	-23.55	-3.86	-20.3
46	46	33	Q_K	8.51	36.31	22.38
46	46	119	Q_K	24.21	82.24	55.35
46	46	104	Q_K	-7.49	38.41	12.68
46	46	34	N_K	-2.83	-0.46	-2.44
46	46	33	N_K	1.02	4.36	2.69
46	46	119	N_K	2.9	9.87	6.64
46	46	104	N_K	-0.9	4.61	1.52
46	46	34	T+_K	0.	0.	0.
46	46	33	T+_K	0.	0.	0.
46	46	119	T+_K	0.	0.	0.
46	46	104	T+_K	0.	0.	0.
46	46	34	T-_K	0.	0.	0.
46	46	33	T-_K	0.	0.	0.
46	46	119	T-_K	0.	0.	0.
46	46	104	T-_K	0.	0.	0.
46	46	34	G1_D	-45.04	-14.48	-40.37
46	46	33	G1_D	18.52	66.24	45.49
46	46	119	G1_D	46.87	157.36	112.22
46	46	104	G1_D	-15.98	69.22	26.37
46	46	34	G2_D	113.9	43.79	118.78
46	46	33	G2_D	6.3	-20.36	-27.86
46	46	119	G2_D	-25.72	-86.41	-48.98
46	46	104	G2_D	81.29	-16.28	97.66
46	46	34	Q_D	-35.32	-5.8	-30.44
46	46	33	Q_D	12.76	54.47	33.56
46	46	119	Q_D	36.31	123.36	83.03
46	46	104	Q_D	-11.24	57.61	19.02
46	46	34	N_D	-4.24	-0.7	-3.65
46	46	33	N_D	1.53	6.54	4.03
46	46	119	N_D	4.36	14.8	9.96
46	46	104	N_D	-1.35	6.91	2.28
46	46	34	T+_D	0.	0.	0.
46	46	33	T+_D	0.	0.	0.
46	46	119	T+_D	0.	0.	0.
46	46	104	T+_D	0.	0.	0.
46	46	34	T-_D	0.	0.	0.
46	46	33	T-_D	0.	0.	0.
46	46	119	T-_D	0.	0.	0.
46	46	104	T-_D	0.	0.	0.
46	46	34	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
46	46	33	W+_K	0.	0.	0.
46	46	119	W+_K	0.	0.	0.
46	46	104	W+_K	0.	0.	0.
46	46	34	W-_K	0.	0.	0.
46	46	33	W-_K	0.	0.	0.
46	46	119	W-_K	0.	0.	0.
46	46	104	W-_K	0.	0.	0.
46	46	34	W+_D	0.	0.	0.
46	46	33	W+_D	0.	0.	0.
46	46	119	W+_D	0.	0.	0.
46	46	104	W+_D	0.	0.	0.
46	46	34	W-_D	0.	0.	0.
46	46	33	W-_D	0.	0.	0.
46	46	119	W-_D	0.	0.	0.
46	46	104	W-_D	0.	0.	0.
46	46	34	SISMA SLV X	10.76	8.18	14.87
46	46	33	SISMA SLV X	6.85	8.37	17.09
46	46	119	SISMA SLV X	10.91	14.77	16.84
46	46	104	SISMA SLV X	9.59	10.44	11.35
46	46	34	SISMA SLV Y	4.44	5.2	14.2
46	46	33	SISMA SLV Y	13.68	5.63	21.85
46	46	119	SISMA SLV Y	21.1	7.73	18.52
46	46	104	SISMA SLV Y	7.93	5.45	10.37
46	46	34	SISMA SLD X	5.26	3.99	7.26
46	46	33	SISMA SLD X	3.35	4.09	8.35
46	46	119	SISMA SLD X	5.33	7.22	8.22
46	46	104	SISMA SLD X	4.68	5.1	5.54
46	46	34	SISMA SLD Y	2.17	2.54	6.93
46	46	33	SISMA SLD Y	6.68	2.75	10.67
46	46	119	SISMA SLD Y	10.31	3.78	9.05
46	46	104	SISMA SLD Y	3.87	2.66	5.06
46	46	34	SISMA SLO X	4.35	3.31	6.02
46	46	33	SISMA SLO X	2.77	3.39	6.91
46	46	119	SISMA SLO X	4.41	5.98	6.81
46	46	104	SISMA SLO X	3.88	4.22	4.59
46	46	34	SISMA SLO Y	1.8	2.1	5.74
46	46	33	SISMA SLO Y	5.53	2.27	8.84
46	46	119	SISMA SLO Y	8.54	3.12	7.49
46	46	104	SISMA SLO Y	3.21	2.2	4.19
46	46	34	SLT	0.	0.	0.
46	46	33	SLT	0.	0.	0.
46	46	119	SLT	0.	0.	0.
46	46	104	SLT	0.	0.	0.
46	46	34	~TorsionSISMA SLV X	0.	0.	0.
46	46	33	~TorsionSISMA SLV X	0.	0.	0.
46	46	119	~TorsionSISMA SLV X	0.	0.	0.
46	46	104	~TorsionSISMA SLV X	0.	0.	0.
46	46	34	~TorsionSISMA SLV Y	0.	0.	0.
46	46	33	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
46	46	119	~TorsionSISMA SLV Y	0.	0.	0.
46	46	104	~TorsionSISMA SLV Y	0.	0.	0.
46	46	34	~TorsionSISMA SLD X	0.	0.	0.
46	46	33	~TorsionSISMA SLD X	0.	0.	0.
46	46	119	~TorsionSISMA SLD X	0.	0.	0.
46	46	104	~TorsionSISMA SLD X	0.	0.	0.
46	46	34	~TorsionSISMA SLD Y	0.	0.	0.
46	46	33	~TorsionSISMA SLD Y	0.	0.	0.
46	46	119	~TorsionSISMA SLD Y	0.	0.	0.
46	46	104	~TorsionSISMA SLD Y	0.	0.	0.
46	46	34	~TorsionSISMA SLO X	0.	0.	0.
46	46	33	~TorsionSISMA SLO X	0.	0.	0.
46	46	119	~TorsionSISMA SLO X	0.	0.	0.
46	46	104	~TorsionSISMA SLO X	0.	0.	0.
46	46	34	~TorsionSISMA SLO Y	0.	0.	0.
46	46	33	~TorsionSISMA SLO Y	0.	0.	0.
46	46	119	~TorsionSISMA SLO Y	0.	0.	0.
46	46	104	~TorsionSISMA SLO Y	0.	0.	0.
47	47	161	G1_K	-26.55	-127.98	-7.28
47	47	166	G1_K	-27.7	-143.26	1.1
47	47	35	G1_K	-12.38	-114.11	-6.98
47	47	29	G1_K	-11.28	-98.84	-15.36
47	47	161	G2_K	-10.98	-69.	34.29
47	47	166	G2_K	-6.86	-20.2	20.55
47	47	35	G2_K	-21.26	-13.21	68.87
47	47	29	G2_K	-25.15	-63.65	82.61
47	47	161	Q_K	-8.07	-36.87	-3.49
47	47	166	Q_K	-8.72	-47.1	1.1
47	47	35	Q_K	-0.86	-30.07	-4.
47	47	29	Q_K	-0.24	-20.01	-8.59
47	47	161	N_K	-0.97	-4.42	-0.42
47	47	166	N_K	-1.05	-5.65	0.13
47	47	35	N_K	-0.1	-3.61	-0.48
47	47	29	N_K	-2.855E-02	-2.4	-1.03
47	47	161	T+_K	0.	0.	0.
47	47	166	T+_K	0.	0.	0.
47	47	35	T+_K	0.	0.	0.
47	47	29	T+_K	0.	0.	0.
47	47	161	T-_K	0.	0.	0.
47	47	166	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
47	47	35	T-_K	0.	0.	0.
47	47	29	T-_K	0.	0.	0.
47	47	161	G1_D	-34.51	-166.37	-9.47
47	47	166	G1_D	-36.01	-186.23	1.43
47	47	35	G1_D	-16.09	-148.34	-9.07
47	47	29	G1_D	-14.66	-128.49	-19.97
47	47	161	G2_D	-14.27	-89.7	44.58
47	47	166	G2_D	-8.92	-26.26	26.71
47	47	35	G2_D	-27.64	-17.18	89.53
47	47	29	G2_D	-32.69	-82.74	107.39
47	47	161	Q_D	-12.11	-55.3	-5.24
47	47	166	Q_D	-13.08	-70.65	1.65
47	47	35	Q_D	-1.28	-45.1	-6.
47	47	29	Q_D	-0.36	-30.02	-12.89
47	47	161	N_D	-1.45	-6.64	-0.63
47	47	166	N_D	-1.57	-8.48	0.2
47	47	35	N_D	-0.15	-5.41	-0.72
47	47	29	N_D	-4.282E-02	-3.6	-1.55
47	47	161	T+_D	0.	0.	0.
47	47	166	T+_D	0.	0.	0.
47	47	35	T+_D	0.	0.	0.
47	47	29	T+_D	0.	0.	0.
47	47	161	T-_D	0.	0.	0.
47	47	166	T-_D	0.	0.	0.
47	47	35	T-_D	0.	0.	0.
47	47	29	T-_D	0.	0.	0.
47	47	161	W+_K	0.	0.	0.
47	47	166	W+_K	0.	0.	0.
47	47	35	W+_K	0.	0.	0.
47	47	29	W+_K	0.	0.	0.
47	47	161	W-_K	0.	0.	0.
47	47	166	W-_K	0.	0.	0.
47	47	35	W-_K	0.	0.	0.
47	47	29	W-_K	0.	0.	0.
47	47	161	W+_D	0.	0.	0.
47	47	166	W+_D	0.	0.	0.
47	47	35	W+_D	0.	0.	0.
47	47	29	W+_D	0.	0.	0.
47	47	161	W-_D	0.	0.	0.
47	47	166	W-_D	0.	0.	0.
47	47	35	W-_D	0.	0.	0.
47	47	29	W-_D	0.	0.	0.
47	47	161	SISMA SLV X	8.94	41.87	12.44
47	47	166	SISMA SLV X	8.28	43.94	15.88
47	47	35	SISMA SLV X	4.35	18.52	30.73
47	47	29	SISMA SLV X	7.14	19.74	27.42
47	47	161	SISMA SLV Y	18.13	85.48	5.8
47	47	166	SISMA SLV Y	17.66	93.39	8.58
47	47	35	SISMA SLV Y	6.64	38.69	13.8
47	47	29	SISMA SLV Y	7.68	31.26	11.98
47	47	161	SISMA SLD X	4.37	20.45	6.08
47	47	166	SISMA SLD X	4.05	21.46	7.75
47	47	35	SISMA SLD X	2.13	9.05	15.01
47	47	29	SISMA SLD X	3.49	9.64	13.39

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
47	47	161	SISMA SLD Y	8.86	41.75	2.83
47	47	166	SISMA SLD Y	8.62	45.61	4.19
47	47	35	SISMA SLD Y	3.24	18.89	6.74
47	47	29	SISMA SLD Y	3.75	15.27	5.85
47	47	161	SISMA SLO X	3.62	16.94	5.03
47	47	166	SISMA SLO X	3.35	17.77	6.42
47	47	35	SISMA SLO X	1.76	7.49	12.43
47	47	29	SISMA SLO X	2.89	7.99	11.09
47	47	161	SISMA SLO Y	7.34	34.58	2.35
47	47	166	SISMA SLO Y	7.14	37.77	3.47
47	47	35	SISMA SLO Y	2.69	15.65	5.58
47	47	29	SISMA SLO Y	3.1	12.64	4.85
47	47	161	SLT	0.	0.	0.
47	47	166	SLT	0.	0.	0.
47	47	35	SLT	0.	0.	0.
47	47	29	SLT	0.	0.	0.
47	47	161	~TorsionSISMA SLV X	0.	0.	0.
47	47	166	~TorsionSISMA SLV X	0.	0.	0.
47	47	35	~TorsionSISMA SLV X	0.	0.	0.
47	47	29	~TorsionSISMA SLV X	0.	0.	0.
47	47	161	~TorsionSISMA SLV Y	0.	0.	0.
47	47	166	~TorsionSISMA SLV Y	0.	0.	0.
47	47	35	~TorsionSISMA SLV Y	0.	0.	0.
47	47	29	~TorsionSISMA SLV Y	0.	0.	0.
47	47	161	~TorsionSISMA SLD X	0.	0.	0.
47	47	166	~TorsionSISMA SLD X	0.	0.	0.
47	47	35	~TorsionSISMA SLD X	0.	0.	0.
47	47	29	~TorsionSISMA SLD X	0.	0.	0.
47	47	161	~TorsionSISMA SLD Y	0.	0.	0.
47	47	166	~TorsionSISMA SLD Y	0.	0.	0.
47	47	35	~TorsionSISMA SLD Y	0.	0.	0.
47	47	29	~TorsionSISMA SLD Y	0.	0.	0.
47	47	161	~TorsionSISMA SLO X	0.	0.	0.
47	47	166	~TorsionSISMA SLO X	0.	0.	0.
47	47	35	~TorsionSISMA SLO X	0.	0.	0.
47	47	29	~TorsionSISMA SLO X	0.	0.	0.
47	47	161	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
47	47	166	~TorsionSISMA SLO Y	0.	0.	0.
47	47	35	~TorsionSISMA SLO Y	0.	0.	0.
47	47	29	~TorsionSISMA SLO Y	0.	0.	0.
48	48	29	G1_K	-13.89	-104.37	-19.74
48	48	35	G1_K	-11.4	-116.75	-1.05
48	48	167	G1_K	11.28	-86.78	-6.01
48	48	162	G1_K	8.71	-73.69	-24.71
48	48	29	G2_K	-1.77	42.88	75.6
48	48	35	G2_K	-20.81	-0.57	59.66
48	48	167	G2_K	-39.26	0.85	41.52
48	48	162	G2_K	-20.	41.85	57.47
48	48	29	Q_K	-3.22	-29.82	-12.08
48	48	35	Q_K	-1.25	-37.13	-0.27
48	48	167	Q_K	11.63	-19.29	-2.83
48	48	162	Q_K	9.6	-11.52	-14.65
48	48	29	N_K	-0.39	-3.58	-1.45
48	48	35	N_K	-0.15	-4.46	-3.219E-02
48	48	167	N_K	1.4	-2.31	-0.34
48	48	162	N_K	1.15	-1.38	-1.76
48	48	29	T+_K	0.	0.	0.
48	48	35	T+_K	0.	0.	0.
48	48	167	T+_K	0.	0.	0.
48	48	162	T+_K	0.	0.	0.
48	48	29	T-_K	0.	0.	0.
48	48	35	T-_K	0.	0.	0.
48	48	167	T-_K	0.	0.	0.
48	48	162	T-_K	0.	0.	0.
48	48	29	G1_D	-18.05	-135.68	-25.67
48	48	35	G1_D	-14.82	-151.78	-1.36
48	48	167	G1_D	14.67	-112.82	-7.81
48	48	162	G1_D	11.33	-95.8	-32.12
48	48	29	G2_D	-2.3	55.74	98.28
48	48	35	G2_D	-27.05	-0.74	77.55
48	48	167	G2_D	-51.04	1.11	53.98
48	48	162	G2_D	-26.	54.4	74.71
48	48	29	Q_D	-4.82	-44.73	-18.12
48	48	35	Q_D	-1.88	-55.7	-0.4
48	48	167	Q_D	17.44	-28.93	-4.25
48	48	162	Q_D	14.4	-17.28	-21.97
48	48	29	N_D	-0.58	-5.37	-2.17
48	48	35	N_D	-0.23	-6.68	-4.828E-02
48	48	167	N_D	2.09	-3.47	-0.51
48	48	162	N_D	1.73	-2.07	-2.64
48	48	29	T+_D	0.	0.	0.
48	48	35	T+_D	0.	0.	0.
48	48	167	T+_D	0.	0.	0.
48	48	162	T+_D	0.	0.	0.
48	48	29	T-_D	0.	0.	0.
48	48	35	T-_D	0.	0.	0.
48	48	167	T-_D	0.	0.	0.
48	48	162	T-_D	0.	0.	0.
48	48	29	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
48	48	35	W+_K	0.	0.	0.
48	48	167	W+_K	0.	0.	0.
48	48	162	W+_K	0.	0.	0.
48	48	29	W-_K	0.	0.	0.
48	48	35	W-_K	0.	0.	0.
48	48	167	W-_K	0.	0.	0.
48	48	162	W-_K	0.	0.	0.
48	48	29	W+_D	0.	0.	0.
48	48	35	W+_D	0.	0.	0.
48	48	167	W+_D	0.	0.	0.
48	48	162	W+_D	0.	0.	0.
48	48	29	W-_D	0.	0.	0.
48	48	35	W-_D	0.	0.	0.
48	48	167	W-_D	0.	0.	0.
48	48	162	W-_D	0.	0.	0.
48	48	29	SISMA SLV X	9.52	28.33	24.78
48	48	35	SISMA SLV X	3.74	19.78	26.71
48	48	167	SISMA SLV X	7.97	6.48	23.55
48	48	162	SISMA SLV X	9.73	19.18	22.02
48	48	29	SISMA SLV Y	12.22	46.72	11.76
48	48	35	SISMA SLV Y	5.8	41.54	13.04
48	48	167	SISMA SLV Y	13.24	12.53	10.73
48	48	162	SISMA SLV Y	8.74	12.05	12.14
48	48	29	SISMA SLD X	4.65	13.84	12.1
48	48	35	SISMA SLD X	1.82	9.66	13.05
48	48	167	SISMA SLD X	3.89	3.16	11.5
48	48	162	SISMA SLD X	4.75	9.37	10.75
48	48	29	SISMA SLD Y	5.97	22.82	5.74
48	48	35	SISMA SLD Y	2.83	20.29	6.37
48	48	167	SISMA SLD Y	6.47	6.12	5.24
48	48	162	SISMA SLD Y	4.27	5.89	5.93
48	48	29	SISMA SLO X	3.85	11.46	10.02
48	48	35	SISMA SLO X	1.51	8.	10.81
48	48	167	SISMA SLO X	3.22	2.62	9.53
48	48	162	SISMA SLO X	3.93	7.76	8.91
48	48	29	SISMA SLO Y	4.94	18.9	4.76
48	48	35	SISMA SLO Y	2.35	16.8	5.27
48	48	167	SISMA SLO Y	5.35	5.06	4.34
48	48	162	SISMA SLO Y	3.53	4.87	4.91
48	48	29	SLT	0.	0.	0.
48	48	35	SLT	0.	0.	0.
48	48	167	SLT	0.	0.	0.
48	48	162	SLT	0.	0.	0.
48	48	29	~TorsionSISMA SLV X	0.	0.	0.
48	48	35	~TorsionSISMA SLV X	0.	0.	0.
48	48	167	~TorsionSISMA SLV X	0.	0.	0.
48	48	162	~TorsionSISMA SLV X	0.	0.	0.
48	48	29	~TorsionSISMA SLV Y	0.	0.	0.
48	48	35	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
48	48	167	~TorsionSISMA SLV Y	0.	0.	0.
48	48	162	~TorsionSISMA SLV Y	0.	0.	0.
48	48	29	~TorsionSISMA SLD X	0.	0.	0.
48	48	35	~TorsionSISMA SLD X	0.	0.	0.
48	48	167	~TorsionSISMA SLD X	0.	0.	0.
48	48	162	~TorsionSISMA SLD X	0.	0.	0.
48	48	29	~TorsionSISMA SLD Y	0.	0.	0.
48	48	35	~TorsionSISMA SLD Y	0.	0.	0.
48	48	167	~TorsionSISMA SLD Y	0.	0.	0.
48	48	162	~TorsionSISMA SLD Y	0.	0.	0.
48	48	29	~TorsionSISMA SLO X	0.	0.	0.
48	48	35	~TorsionSISMA SLO X	0.	0.	0.
48	48	167	~TorsionSISMA SLO X	0.	0.	0.
48	48	162	~TorsionSISMA SLO X	0.	0.	0.
48	48	29	~TorsionSISMA SLO Y	0.	0.	0.
48	48	35	~TorsionSISMA SLO Y	0.	0.	0.
48	48	167	~TorsionSISMA SLO Y	0.	0.	0.
48	48	162	~TorsionSISMA SLO Y	0.	0.	0.
49	49	162	G1_K	5.56	-83.71	-25.28
49	49	167	G1_K	12.46	-86.65	-5.2
49	49	36	G1_K	34.28	-53.8	-4.99
49	49	31	G1_K	27.36	-51.35	-25.07
49	49	162	G2_K	-9.58	83.5	47.29
49	49	167	G2_K	-37.24	21.43	47.42
49	49	36	G2_K	-43.05	19.06	33.1
49	49	31	G2_K	-15.21	79.21	32.98
49	49	162	Q_K	6.12	-24.99	-15.25
49	49	167	Q_K	10.93	-26.73	-2.7
49	49	36	Q_K	24.22	-6.32	-3.07
49	49	31	Q_K	19.39	-4.91	-15.62
49	49	162	N_K	0.73	-3.	-1.83
49	49	167	N_K	1.31	-3.21	-0.32
49	49	36	N_K	2.91	-0.76	-0.37
49	49	31	N_K	2.33	-0.59	-1.87
49	49	162	T+_K	0.	0.	0.
49	49	167	T+_K	0.	0.	0.
49	49	36	T+_K	0.	0.	0.
49	49	31	T+_K	0.	0.	0.
49	49	162	T-_K	0.	0.	0.
49	49	167	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
49	49	36	T-_K	0.	0.	0.
49	49	31	T-_K	0.	0.	0.
49	49	162	G1_D	7.23	-108.82	-32.87
49	49	167	G1_D	16.2	-112.64	-6.76
49	49	36	G1_D	44.56	-69.94	-6.48
49	49	31	G1_D	35.57	-66.75	-32.59
49	49	162	G2_D	-12.45	108.55	61.48
49	49	167	G2_D	-48.41	27.86	61.65
49	49	36	G2_D	-55.96	24.77	43.04
49	49	31	G2_D	-19.77	102.97	42.87
49	49	162	Q_D	9.17	-37.49	-22.87
49	49	167	Q_D	16.4	-40.09	-4.04
49	49	36	Q_D	36.33	-9.49	-4.61
49	49	31	Q_D	29.09	-7.36	-23.44
49	49	162	N_D	1.1	-4.5	-2.74
49	49	167	N_D	1.97	-4.81	-0.49
49	49	36	N_D	4.36	-1.14	-0.55
49	49	31	N_D	3.49	-0.88	-2.81
49	49	162	T+_D	0.	0.	0.
49	49	167	T+_D	0.	0.	0.
49	49	36	T+_D	0.	0.	0.
49	49	31	T+_D	0.	0.	0.
49	49	162	T-_D	0.	0.	0.
49	49	167	T-_D	0.	0.	0.
49	49	36	T-_D	0.	0.	0.
49	49	31	T-_D	0.	0.	0.
49	49	162	W+_K	0.	0.	0.
49	49	167	W+_K	0.	0.	0.
49	49	36	W+_K	0.	0.	0.
49	49	31	W+_K	0.	0.	0.
49	49	162	W-_K	0.	0.	0.
49	49	167	W-_K	0.	0.	0.
49	49	36	W-_K	0.	0.	0.
49	49	31	W-_K	0.	0.	0.
49	49	162	W+_D	0.	0.	0.
49	49	167	W+_D	0.	0.	0.
49	49	36	W+_D	0.	0.	0.
49	49	31	W+_D	0.	0.	0.
49	49	162	W-_D	0.	0.	0.
49	49	167	W-_D	0.	0.	0.
49	49	36	W-_D	0.	0.	0.
49	49	31	W-_D	0.	0.	0.
49	49	162	SISMA SLV X	9.8	20.48	22.97
49	49	167	SISMA SLV X	7.69	4.71	23.76
49	49	36	SISMA SLV X	15.69	19.22	23.22
49	49	31	SISMA SLV X	13.47	23.21	22.15
49	49	162	SISMA SLV Y	6.82	15.03	11.38
49	49	167	SISMA SLV Y	12.91	8.39	10.71
49	49	36	SISMA SLV Y	29.77	40.99	11.91
49	49	31	SISMA SLV Y	20.37	28.3	9.78
49	49	162	SISMA SLD X	4.79	10.	11.22
49	49	167	SISMA SLD X	3.76	2.3	11.61
49	49	36	SISMA SLD X	7.66	9.39	11.34
49	49	31	SISMA SLD X	6.58	11.34	10.82

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
49	49	162	SISMA SLD Y	3.33	7.34	5.56
49	49	167	SISMA SLD Y	6.3	4.1	5.23
49	49	36	SISMA SLD Y	14.54	20.02	5.82
49	49	31	SISMA SLD Y	9.95	13.82	4.78
49	49	162	SISMA SLO X	3.96	8.29	9.3
49	49	167	SISMA SLO X	3.11	1.9	9.61
49	49	36	SISMA SLO X	6.35	7.77	9.39
49	49	31	SISMA SLO X	5.44	9.39	8.96
49	49	162	SISMA SLO Y	2.75	6.07	4.61
49	49	167	SISMA SLO Y	5.22	3.38	4.33
49	49	36	SISMA SLO Y	12.04	16.58	4.82
49	49	31	SISMA SLO Y	8.24	11.45	3.96
49	49	162	SLT	0.	0.	0.
49	49	167	SLT	0.	0.	0.
49	49	36	SLT	0.	0.	0.
49	49	31	SLT	0.	0.	0.
49	49	162	~TorsionSISMA SLV X	0.	0.	0.
49	49	167	~TorsionSISMA SLV X	0.	0.	0.
49	49	36	~TorsionSISMA SLV X	0.	0.	0.
49	49	31	~TorsionSISMA SLV X	0.	0.	0.
49	49	162	~TorsionSISMA SLV Y	0.	0.	0.
49	49	167	~TorsionSISMA SLV Y	0.	0.	0.
49	49	36	~TorsionSISMA SLV Y	0.	0.	0.
49	49	31	~TorsionSISMA SLV Y	0.	0.	0.
49	49	162	~TorsionSISMA SLD X	0.	0.	0.
49	49	167	~TorsionSISMA SLD X	0.	0.	0.
49	49	36	~TorsionSISMA SLD X	0.	0.	0.
49	49	31	~TorsionSISMA SLD X	0.	0.	0.
49	49	162	~TorsionSISMA SLD Y	0.	0.	0.
49	49	167	~TorsionSISMA SLD Y	0.	0.	0.
49	49	36	~TorsionSISMA SLD Y	0.	0.	0.
49	49	31	~TorsionSISMA SLD Y	0.	0.	0.
49	49	162	~TorsionSISMA SLO X	0.	0.	0.
49	49	167	~TorsionSISMA SLO X	0.	0.	0.
49	49	36	~TorsionSISMA SLO X	0.	0.	0.
49	49	31	~TorsionSISMA SLO X	0.	0.	0.
49	49	162	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
49	49	167	~TorsionSISMA SLO Y	0.	0.	0.
49	49	36	~TorsionSISMA SLO Y	0.	0.	0.
49	49	31	~TorsionSISMA SLO Y	0.	0.	0.
50	50	31	G1_K	26.02	-52.72	-25.39
50	50	36	G1_K	35.69	-52.08	-4.93
50	50	168	G1_K	52.6	-15.02	-8.984E-02
50	50	164	G1_K	42.87	-15.2	-20.55
50	50	31	G2_K	-12.41	84.75	24.67
50	50	36	G2_K	-43.45	25.53	29.77
50	50	168	G2_K	-40.41	17.25	10.23
50	50	164	G2_K	-9.26	75.36	5.13
50	50	31	Q_K	16.98	-13.59	-16.01
50	50	36	Q_K	23.58	-12.88	-3.05
50	50	168	Q_K	35.02	10.79	-0.11
50	50	164	Q_K	28.38	10.35	-13.08
50	50	31	N_K	2.04	-1.63	-1.92
50	50	36	N_K	2.83	-1.55	-0.37
50	50	168	N_K	4.2	1.29	-1.349E-02
50	50	164	N_K	3.41	1.24	-1.57
50	50	31	T+_K	0.	0.	0.
50	50	36	T+_K	0.	0.	0.
50	50	168	T+_K	0.	0.	0.
50	50	164	T+_K	0.	0.	0.
50	50	31	T-_K	0.	0.	0.
50	50	36	T-_K	0.	0.	0.
50	50	168	T-_K	0.	0.	0.
50	50	164	T-_K	0.	0.	0.
50	50	31	G1_D	33.83	-68.53	-33.01
50	50	36	G1_D	46.39	-67.71	-6.41
50	50	168	G1_D	68.38	-19.52	-0.12
50	50	164	G1_D	55.73	-19.76	-26.72
50	50	31	G2_D	-16.13	110.17	32.07
50	50	36	G2_D	-56.48	33.19	38.7
50	50	168	G2_D	-52.53	22.43	13.3
50	50	164	G2_D	-12.04	97.97	6.66
50	50	31	Q_D	25.47	-20.38	-24.02
50	50	36	Q_D	35.37	-19.32	-4.57
50	50	168	Q_D	52.53	16.19	-0.17
50	50	164	Q_D	42.58	15.52	-19.62
50	50	31	N_D	3.06	-2.45	-2.88
50	50	36	N_D	4.24	-2.32	-0.55
50	50	168	N_D	6.3	1.94	-2.023E-02
50	50	164	N_D	5.11	1.86	-2.35
50	50	31	T+_D	0.	0.	0.
50	50	36	T+_D	0.	0.	0.
50	50	168	T+_D	0.	0.	0.
50	50	164	T+_D	0.	0.	0.
50	50	31	T-_D	0.	0.	0.
50	50	36	T-_D	0.	0.	0.
50	50	168	T-_D	0.	0.	0.
50	50	164	T-_D	0.	0.	0.
50	50	31	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
50	50	36	W+_K	0.	0.	0.
50	50	168	W+_K	0.	0.	0.
50	50	164	W+_K	0.	0.	0.
50	50	31	W-_K	0.	0.	0.
50	50	36	W-_K	0.	0.	0.
50	50	168	W-_K	0.	0.	0.
50	50	164	W-_K	0.	0.	0.
50	50	31	W+_D	0.	0.	0.
50	50	36	W+_D	0.	0.	0.
50	50	168	W+_D	0.	0.	0.
50	50	164	W+_D	0.	0.	0.
50	50	31	W-_D	0.	0.	0.
50	50	36	W-_D	0.	0.	0.
50	50	168	W-_D	0.	0.	0.
50	50	164	W-_D	0.	0.	0.
50	50	31	SISMA SLV X	12.96	20.56	21.01
50	50	36	SISMA SLV X	15.33	16.75	22.25
50	50	168	SISMA SLV X	19.38	22.93	19.05
50	50	164	SISMA SLV X	15.52	23.58	17.81
50	50	31	SISMA SLV Y	18.83	20.29	9.67
50	50	36	SISMA SLV Y	28.73	35.52	9.87
50	50	168	SISMA SLV Y	37.17	48.38	10.36
50	50	164	SISMA SLV Y	26.32	31.7	11.03
50	50	31	SISMA SLD X	6.33	10.04	10.26
50	50	36	SISMA SLD X	7.49	8.18	10.87
50	50	168	SISMA SLD X	9.47	11.2	9.31
50	50	164	SISMA SLD X	7.58	11.52	8.7
50	50	31	SISMA SLD Y	9.2	9.91	4.72
50	50	36	SISMA SLD Y	14.03	17.35	4.82
50	50	168	SISMA SLD Y	18.16	23.63	5.06
50	50	164	SISMA SLD Y	12.85	15.48	5.38
50	50	31	SISMA SLO X	5.24	8.32	8.5
50	50	36	SISMA SLO X	6.2	6.77	9.
50	50	168	SISMA SLO X	7.84	9.28	7.71
50	50	164	SISMA SLO X	6.28	9.54	7.21
50	50	31	SISMA SLO Y	7.61	8.2	3.91
50	50	36	SISMA SLO Y	11.62	14.37	4.
50	50	168	SISMA SLO Y	15.04	19.57	4.19
50	50	164	SISMA SLO Y	10.64	12.82	4.46
50	50	31	SLT	0.	0.	0.
50	50	36	SLT	0.	0.	0.
50	50	168	SLT	0.	0.	0.
50	50	164	SLT	0.	0.	0.
50	50	31	~TorsionSISMA SLV X	0.	0.	0.
50	50	36	~TorsionSISMA SLV X	0.	0.	0.
50	50	168	~TorsionSISMA SLV X	0.	0.	0.
50	50	164	~TorsionSISMA SLV X	0.	0.	0.
50	50	31	~TorsionSISMA SLV Y	0.	0.	0.
50	50	36	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
50	50	168	~TorsionSISMA SLV Y	0.	0.	0.
50	50	164	~TorsionSISMA SLV Y	0.	0.	0.
50	50	31	~TorsionSISMA SLD X	0.	0.	0.
50	50	36	~TorsionSISMA SLD X	0.	0.	0.
50	50	168	~TorsionSISMA SLD X	0.	0.	0.
50	50	164	~TorsionSISMA SLD X	0.	0.	0.
50	50	31	~TorsionSISMA SLD Y	0.	0.	0.
50	50	36	~TorsionSISMA SLD Y	0.	0.	0.
50	50	168	~TorsionSISMA SLD Y	0.	0.	0.
50	50	164	~TorsionSISMA SLD Y	0.	0.	0.
50	50	31	~TorsionSISMA SLO X	0.	0.	0.
50	50	36	~TorsionSISMA SLO X	0.	0.	0.
50	50	168	~TorsionSISMA SLO X	0.	0.	0.
50	50	164	~TorsionSISMA SLO X	0.	0.	0.
50	50	31	~TorsionSISMA SLO Y	0.	0.	0.
50	50	36	~TorsionSISMA SLO Y	0.	0.	0.
50	50	168	~TorsionSISMA SLO Y	0.	0.	0.
50	50	164	~TorsionSISMA SLO Y	0.	0.	0.
51	51	164	G1_K	42.13	-16.56	-7.47
51	51	168	G1_K	60.47	21.96	-11.81
51	51	37	G1_K	57.58	66.11	4.73
51	51	33	G1_K	39.32	25.47	9.07
51	51	164	G2_K	-12.86	52.65	-4.65
51	51	168	G2_K	-43.32	7.48	10.67
51	51	37	G2_K	-29.66	-8.27	1.05
51	51	33	G2_K	0.84	36.43	-14.27
51	51	164	Q_K	26.3	1.18	-4.82
51	51	168	Q_K	38.4	26.41	-7.56
51	51	37	Q_K	37.73	54.94	3.03
51	51	33	Q_K	25.69	28.33	5.78
51	51	164	N_K	3.16	0.14	-0.58
51	51	168	N_K	4.61	3.17	-0.91
51	51	37	N_K	4.53	6.59	0.36
51	51	33	N_K	3.08	3.4	0.69
51	51	164	T+_K	0.	0.	0.
51	51	168	T+_K	0.	0.	0.
51	51	37	T+_K	0.	0.	0.
51	51	33	T+_K	0.	0.	0.
51	51	164	T-_K	0.	0.	0.
51	51	168	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
51	51	37	T-_K	0.	0.	0.
51	51	33	T-_K	0.	0.	0.
51	51	164	G1_D	54.77	-21.53	-9.71
51	51	168	G1_D	78.61	28.55	-15.36
51	51	37	G1_D	74.85	85.94	6.15
51	51	33	G1_D	51.12	33.12	11.8
51	51	164	G2_D	-16.71	68.44	-6.04
51	51	168	G2_D	-56.31	9.72	13.87
51	51	37	G2_D	-38.56	-10.75	1.36
51	51	33	G2_D	1.09	47.36	-18.55
51	51	164	Q_D	39.45	1.77	-7.22
51	51	168	Q_D	57.59	39.62	-11.34
51	51	37	Q_D	56.59	82.4	4.55
51	51	33	Q_D	38.53	42.5	8.67
51	51	164	N_D	4.73	0.21	-0.87
51	51	168	N_D	6.91	4.75	-1.36
51	51	37	N_D	6.79	9.89	0.55
51	51	33	N_D	4.62	5.1	1.04
51	51	164	T+_D	0.	0.	0.
51	51	168	T+_D	0.	0.	0.
51	51	37	T+_D	0.	0.	0.
51	51	33	T+_D	0.	0.	0.
51	51	164	T-_D	0.	0.	0.
51	51	168	T-_D	0.	0.	0.
51	51	37	T-_D	0.	0.	0.
51	51	33	T-_D	0.	0.	0.
51	51	164	W+_K	0.	0.	0.
51	51	168	W+_K	0.	0.	0.
51	51	37	W+_K	0.	0.	0.
51	51	33	W+_K	0.	0.	0.
51	51	164	W-_K	0.	0.	0.
51	51	168	W-_K	0.	0.	0.
51	51	37	W-_K	0.	0.	0.
51	51	33	W-_K	0.	0.	0.
51	51	164	W+_D	0.	0.	0.
51	51	168	W+_D	0.	0.	0.
51	51	37	W+_D	0.	0.	0.
51	51	33	W+_D	0.	0.	0.
51	51	164	W-_D	0.	0.	0.
51	51	168	W-_D	0.	0.	0.
51	51	37	W-_D	0.	0.	0.
51	51	33	W-_D	0.	0.	0.
51	51	164	SISMA SLV X	15.66	20.21	17.3
51	51	168	SISMA SLV X	19.06	23.27	17.4
51	51	37	SISMA SLV X	18.46	18.83	17.3
51	51	33	SISMA SLV X	13.96	16.71	17.91
51	51	164	SISMA SLV Y	27.52	31.18	14.35
51	51	168	SISMA SLV Y	35.5	46.1	7.66
51	51	37	SISMA SLV Y	35.68	32.37	9.25
51	51	33	SISMA SLV Y	27.22	17.55	18.06
51	51	164	SISMA SLD X	7.65	9.87	8.45
51	51	168	SISMA SLD X	9.31	11.37	8.5
51	51	37	SISMA SLD X	9.02	9.2	8.45
51	51	33	SISMA SLD X	6.82	8.16	8.75

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
51	51	164	SISMA SLD Y	13.44	15.23	7.01
51	51	168	SISMA SLD Y	17.34	22.51	3.74
51	51	37	SISMA SLD Y	17.42	15.81	4.52
51	51	33	SISMA SLD Y	13.29	8.57	8.82
51	51	164	SISMA SLO X	6.33	8.17	7.
51	51	168	SISMA SLO X	7.71	9.42	7.04
51	51	37	SISMA SLO X	7.47	7.62	7.
51	51	33	SISMA SLO X	5.65	6.76	7.25
51	51	164	SISMA SLO Y	11.13	12.61	5.8
51	51	168	SISMA SLO Y	14.36	18.65	3.1
51	51	37	SISMA SLO Y	14.43	13.09	3.74
51	51	33	SISMA SLO Y	11.01	7.1	7.3
51	51	164	SLT	0.	0.	0.
51	51	168	SLT	0.	0.	0.
51	51	37	SLT	0.	0.	0.
51	51	33	SLT	0.	0.	0.
51	51	164	~TorsionSISMA SLV X	0.	0.	0.
51	51	168	~TorsionSISMA SLV X	0.	0.	0.
51	51	37	~TorsionSISMA SLV X	0.	0.	0.
51	51	33	~TorsionSISMA SLV X	0.	0.	0.
51	51	164	~TorsionSISMA SLV Y	0.	0.	0.
51	51	168	~TorsionSISMA SLV Y	0.	0.	0.
51	51	37	~TorsionSISMA SLV Y	0.	0.	0.
51	51	33	~TorsionSISMA SLV Y	0.	0.	0.
51	51	164	~TorsionSISMA SLD X	0.	0.	0.
51	51	168	~TorsionSISMA SLD X	0.	0.	0.
51	51	37	~TorsionSISMA SLD X	0.	0.	0.
51	51	33	~TorsionSISMA SLD X	0.	0.	0.
51	51	164	~TorsionSISMA SLD Y	0.	0.	0.
51	51	168	~TorsionSISMA SLD Y	0.	0.	0.
51	51	37	~TorsionSISMA SLD Y	0.	0.	0.
51	51	33	~TorsionSISMA SLD Y	0.	0.	0.
51	51	164	~TorsionSISMA SLO X	0.	0.	0.
51	51	168	~TorsionSISMA SLO X	0.	0.	0.
51	51	37	~TorsionSISMA SLO X	0.	0.	0.
51	51	33	~TorsionSISMA SLO X	0.	0.	0.
51	51	164	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
51	51	168	~TorsionSISMA SLO Y	0.	0.	0.
51	51	37	~TorsionSISMA SLO Y	0.	0.	0.
51	51	33	~TorsionSISMA SLO Y	0.	0.	0.
52	52	33	G1_K	45.43	61.42	34.81
52	52	37	G1_K	73.96	142.62	-19.06
52	52	117	G1_K	36.17	193.54	17.57
52	52	119	G1_K	7.62	111.13	71.44
52	52	33	G2_K	-11.45	-26.27	-19.57
52	52	37	G2_K	-31.54	-16.39	7.52
52	52	117	G2_K	-11.8	-42.28	13.18
52	52	119	G2_K	8.32	-53.5	-13.91
52	52	33	Q_K	28.02	43.2	22.3
52	52	37	Q_K	46.44	95.3	-12.18
52	52	117	Q_K	23.58	128.34	11.22
52	52	119	Q_K	5.15	75.45	45.7
52	52	33	N_K	3.36	5.18	2.68
52	52	37	N_K	5.57	11.44	-1.46
52	52	117	N_K	2.83	15.4	1.35
52	52	119	N_K	0.62	9.05	5.48
52	52	33	T+_K	0.	0.	0.
52	52	37	T+_K	0.	0.	0.
52	52	117	T+_K	0.	0.	0.
52	52	119	T+_K	0.	0.	0.
52	52	33	T-_K	0.	0.	0.
52	52	37	T-_K	0.	0.	0.
52	52	117	T-_K	0.	0.	0.
52	52	119	T-_K	0.	0.	0.
52	52	33	G1_D	59.06	79.85	45.25
52	52	37	G1_D	96.15	185.41	-24.78
52	52	117	G1_D	47.02	251.61	22.85
52	52	119	G1_D	9.91	144.47	92.88
52	52	33	G2_D	-14.88	-34.15	-25.44
52	52	37	G2_D	-41.	-21.31	9.77
52	52	117	G2_D	-15.34	-54.97	17.13
52	52	119	G2_D	10.81	-69.55	-18.08
52	52	33	Q_D	42.03	64.8	33.45
52	52	37	Q_D	69.66	142.95	-18.28
52	52	117	Q_D	35.36	192.5	16.83
52	52	119	Q_D	7.73	113.17	68.55
52	52	33	N_D	5.04	7.78	4.01
52	52	37	N_D	8.36	17.15	-2.19
52	52	117	N_D	4.24	23.1	2.02
52	52	119	N_D	0.93	13.58	8.23
52	52	33	T+_D	0.	0.	0.
52	52	37	T+_D	0.	0.	0.
52	52	117	T+_D	0.	0.	0.
52	52	119	T+_D	0.	0.	0.
52	52	33	T-_D	0.	0.	0.
52	52	37	T-_D	0.	0.	0.
52	52	117	T-_D	0.	0.	0.
52	52	119	T-_D	0.	0.	0.
52	52	33	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
52	52	37	W+_K	0.	0.	0.
52	52	117	W+_K	0.	0.	0.
52	52	119	W+_K	0.	0.	0.
52	52	33	W-_K	0.	0.	0.
52	52	37	W-_K	0.	0.	0.
52	52	117	W-_K	0.	0.	0.
52	52	119	W-_K	0.	0.	0.
52	52	33	W+_D	0.	0.	0.
52	52	37	W+_D	0.	0.	0.
52	52	117	W+_D	0.	0.	0.
52	52	119	W+_D	0.	0.	0.
52	52	33	W-_D	0.	0.	0.
52	52	37	W-_D	0.	0.	0.
52	52	117	W-_D	0.	0.	0.
52	52	119	W-_D	0.	0.	0.
52	52	33	SISMA SLV X	15.54	15.68	18.01
52	52	37	SISMA SLV X	17.56	23.61	19.17
52	52	117	SISMA SLV X	13.98	23.88	17.94
52	52	119	SISMA SLV X	12.68	14.96	18.48
52	52	33	SISMA SLV Y	31.28	24.91	18.09
52	52	37	SISMA SLV Y	31.78	26.3	8.82
52	52	117	SISMA SLV Y	28.83	21.66	8.2
52	52	119	SISMA SLV Y	28.47	19.49	16.97
52	52	33	SISMA SLD X	7.59	7.66	8.8
52	52	37	SISMA SLD X	8.57	11.53	9.36
52	52	117	SISMA SLD X	6.83	11.67	8.76
52	52	119	SISMA SLD X	6.19	7.31	9.02
52	52	33	SISMA SLD Y	15.28	12.16	8.84
52	52	37	SISMA SLD Y	15.52	12.85	4.31
52	52	117	SISMA SLD Y	14.08	10.58	4.
52	52	119	SISMA SLD Y	13.9	9.52	8.29
52	52	33	SISMA SLO X	6.29	6.34	7.29
52	52	37	SISMA SLO X	7.1	9.55	7.75
52	52	117	SISMA SLO X	5.65	9.67	7.26
52	52	119	SISMA SLO X	5.13	6.05	7.48
52	52	33	SISMA SLO Y	12.65	10.07	7.32
52	52	37	SISMA SLO Y	12.85	10.64	3.57
52	52	117	SISMA SLO Y	11.66	8.76	3.32
52	52	119	SISMA SLO Y	11.51	7.88	6.86
52	52	33	SLT	0.	0.	0.
52	52	37	SLT	0.	0.	0.
52	52	117	SLT	0.	0.	0.
52	52	119	SLT	0.	0.	0.
52	52	33	~TorsionSISMA SLV X	0.	0.	0.
52	52	37	~TorsionSISMA SLV X	0.	0.	0.
52	52	117	~TorsionSISMA SLV X	0.	0.	0.
52	52	119	~TorsionSISMA SLV X	0.	0.	0.
52	52	33	~TorsionSISMA SLV Y	0.	0.	0.
52	52	37	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
52	52	117	~TorsionSISMA SLV Y	0.	0.	0.
52	52	119	~TorsionSISMA SLV Y	0.	0.	0.
52	52	33	~TorsionSISMA SLD X	0.	0.	0.
52	52	37	~TorsionSISMA SLD X	0.	0.	0.
52	52	117	~TorsionSISMA SLD X	0.	0.	0.
52	52	119	~TorsionSISMA SLD X	0.	0.	0.
52	52	33	~TorsionSISMA SLD Y	0.	0.	0.
52	52	37	~TorsionSISMA SLD Y	0.	0.	0.
52	52	117	~TorsionSISMA SLD Y	0.	0.	0.
52	52	119	~TorsionSISMA SLD Y	0.	0.	0.
52	52	33	~TorsionSISMA SLO X	0.	0.	0.
52	52	37	~TorsionSISMA SLO X	0.	0.	0.
52	52	117	~TorsionSISMA SLO X	0.	0.	0.
52	52	119	~TorsionSISMA SLO X	0.	0.	0.
52	52	33	~TorsionSISMA SLO Y	0.	0.	0.
52	52	37	~TorsionSISMA SLO Y	0.	0.	0.
52	52	117	~TorsionSISMA SLO Y	0.	0.	0.
52	52	119	~TorsionSISMA SLO Y	0.	0.	0.
53	53	166	G1_K	-27.68	-143.23	-3.57
53	53	169	G1_K	-25.96	-124.99	6.39
53	53	38	G1_K	-9.49	-95.86	12.9
53	53	35	G1_K	-11.18	-113.89	2.94
53	53	166	G2_K	-2.03	-12.8	28.32
53	53	169	G2_K	-2.8	-11.31	15.79
53	53	38	G2_K	-15.97	-16.67	42.06
53	53	35	G2_K	-15.17	-18.42	54.6
53	53	166	Q_K	-8.71	-47.08	-2.45
53	53	169	Q_K	-7.75	-35.21	3.16
53	53	38	Q_K	0.83	-18.36	7.48
53	53	35	Q_K	-0.11	-29.94	1.87
53	53	166	N_K	-1.04	-5.65	-0.29
53	53	169	N_K	-0.93	-4.23	0.38
53	53	38	N_K	9.925E-02	-2.2	0.9
53	53	35	N_K	-1.304E-02	-3.59	0.22
53	53	166	T+_K	0.	0.	0.
53	53	169	T+_K	0.	0.	0.
53	53	38	T+_K	0.	0.	0.
53	53	35	T+_K	0.	0.	0.
53	53	166	T-_K	0.	0.	0.
53	53	169	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
53	53	38	T-_K	0.	0.	0.
53	53	35	T-_K	0.	0.	0.
53	53	166	G1_D	-35.99	-186.2	-4.65
53	53	169	G1_D	-33.75	-162.48	8.31
53	53	38	G1_D	-12.34	-124.62	16.77
53	53	35	G1_D	-14.53	-148.06	3.82
53	53	166	G2_D	-2.63	-16.64	36.82
53	53	169	G2_D	-3.63	-14.7	20.52
53	53	38	G2_D	-20.76	-21.67	54.68
53	53	35	G2_D	-19.72	-23.95	70.98
53	53	166	Q_D	-13.06	-70.61	-3.67
53	53	169	Q_D	-11.62	-52.81	4.74
53	53	38	Q_D	1.24	-27.55	11.22
53	53	35	Q_D	-0.16	-44.91	2.81
53	53	166	N_D	-1.57	-8.47	-0.44
53	53	169	N_D	-1.39	-6.34	0.57
53	53	38	N_D	0.15	-3.31	1.35
53	53	35	N_D	-1.956E-02	-5.39	0.34
53	53	166	T+_D	0.	0.	0.
53	53	169	T+_D	0.	0.	0.
53	53	38	T+_D	0.	0.	0.
53	53	35	T+_D	0.	0.	0.
53	53	166	T-_D	0.	0.	0.
53	53	169	T-_D	0.	0.	0.
53	53	38	T-_D	0.	0.	0.
53	53	35	T-_D	0.	0.	0.
53	53	166	W+_K	0.	0.	0.
53	53	169	W+_K	0.	0.	0.
53	53	38	W+_K	0.	0.	0.
53	53	35	W+_K	0.	0.	0.
53	53	166	W-_K	0.	0.	0.
53	53	169	W-_K	0.	0.	0.
53	53	38	W-_K	0.	0.	0.
53	53	35	W-_K	0.	0.	0.
53	53	166	W+_D	0.	0.	0.
53	53	169	W+_D	0.	0.	0.
53	53	38	W+_D	0.	0.	0.
53	53	35	W+_D	0.	0.	0.
53	53	166	W-_D	0.	0.	0.
53	53	169	W-_D	0.	0.	0.
53	53	38	W-_D	0.	0.	0.
53	53	35	W-_D	0.	0.	0.
53	53	166	SISMA SLV X	8.2	43.72	15.41
53	53	169	SISMA SLV X	8.56	39.45	14.08
53	53	38	SISMA SLV X	4.83	16.09	30.55
53	53	35	SISMA SLV X	3.14	18.71	31.73
53	53	166	SISMA SLV Y	17.3	92.79	6.77
53	53	169	SISMA SLV Y	18.3	85.16	6.43
53	53	38	SISMA SLV Y	8.38	31.74	15.91
53	53	35	SISMA SLV Y	7.07	39.43	15.35
53	53	166	SISMA SLD X	4.	21.35	7.53
53	53	169	SISMA SLD X	4.18	19.27	6.88
53	53	38	SISMA SLD X	2.36	7.86	14.92
53	53	35	SISMA SLD X	1.53	9.14	15.5

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
53	53	166	SISMA SLD Y	8.45	45.32	3.31
53	53	169	SISMA SLD Y	8.94	41.59	3.14
53	53	38	SISMA SLD Y	4.09	15.5	7.77
53	53	35	SISMA SLD Y	3.45	19.26	7.5
53	53	166	SISMA SLO X	3.32	17.69	6.23
53	53	169	SISMA SLO X	3.46	15.96	5.69
53	53	38	SISMA SLO X	1.95	6.5	12.36
53	53	35	SISMA SLO X	1.27	7.57	12.84
53	53	166	SISMA SLO Y	7.	37.53	2.74
53	53	169	SISMA SLO Y	7.4	34.44	2.6
53	53	38	SISMA SLO Y	3.39	12.83	6.43
53	53	35	SISMA SLO Y	2.86	15.94	6.21
53	53	166	SLT	0.	0.	0.
53	53	169	SLT	0.	0.	0.
53	53	38	SLT	0.	0.	0.
53	53	35	SLT	0.	0.	0.
53	53	166	~TorsionSISMA SLV X	0.	0.	0.
53	53	169	~TorsionSISMA SLV X	0.	0.	0.
53	53	38	~TorsionSISMA SLV X	0.	0.	0.
53	53	35	~TorsionSISMA SLV X	0.	0.	0.
53	53	166	~TorsionSISMA SLV Y	0.	0.	0.
53	53	169	~TorsionSISMA SLV Y	0.	0.	0.
53	53	38	~TorsionSISMA SLV Y	0.	0.	0.
53	53	35	~TorsionSISMA SLV Y	0.	0.	0.
53	53	166	~TorsionSISMA SLD X	0.	0.	0.
53	53	169	~TorsionSISMA SLD X	0.	0.	0.
53	53	38	~TorsionSISMA SLD X	0.	0.	0.
53	53	35	~TorsionSISMA SLD X	0.	0.	0.
53	53	166	~TorsionSISMA SLD Y	0.	0.	0.
53	53	169	~TorsionSISMA SLD Y	0.	0.	0.
53	53	38	~TorsionSISMA SLD Y	0.	0.	0.
53	53	35	~TorsionSISMA SLD Y	0.	0.	0.
53	53	166	~TorsionSISMA SLO X	0.	0.	0.
53	53	169	~TorsionSISMA SLO X	0.	0.	0.
53	53	38	~TorsionSISMA SLO X	0.	0.	0.
53	53	35	~TorsionSISMA SLO X	0.	0.	0.
53	53	166	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
53	53	169	~TorsionSISMA SLO Y	0.	0.	0.
53	53	38	~TorsionSISMA SLO Y	0.	0.	0.
53	53	35	~TorsionSISMA SLO Y	0.	0.	0.
54	54	35	G1_K	-10.24	-116.62	-0.74
54	54	38	G1_K	-12.07	-101.3	15.68
54	54	170	G1_K	8.73	-70.88	20.92
54	54	167	G1_K	10.64	-86.81	4.5
54	54	35	G2_K	-10.	5.86	48.59
54	54	38	G2_K	-15.22	-11.37	34.67
54	54	170	G2_K	-25.96	-16.55	30.25
54	54	167	G2_K	-20.7	0.3	44.17
54	54	35	Q_K	-0.51	-37.04	-0.43
54	54	38	Q_K	-2.14	-28.1	9.85
54	54	170	Q_K	9.52	-9.98	12.56
54	54	167	Q_K	11.2	-19.32	2.28
54	54	35	N_K	-6.159E-02	-4.44	-5.154E-02
54	54	38	N_K	-0.26	-3.37	1.18
54	54	170	N_K	1.14	-1.2	1.51
54	54	167	N_K	1.34	-2.32	0.27
54	54	35	T+_K	0.	0.	0.
54	54	38	T+_K	0.	0.	0.
54	54	170	T+_K	0.	0.	0.
54	54	167	T+_K	0.	0.	0.
54	54	35	T-_K	0.	0.	0.
54	54	38	T-_K	0.	0.	0.
54	54	170	T-_K	0.	0.	0.
54	54	167	T-_K	0.	0.	0.
54	54	35	G1_D	-13.31	-151.61	-0.96
54	54	38	G1_D	-15.69	-131.68	20.38
54	54	170	G1_D	11.35	-92.15	27.19
54	54	167	G1_D	13.83	-112.85	5.85
54	54	35	G2_D	-13.	7.61	63.17
54	54	38	G2_D	-19.79	-14.78	45.08
54	54	170	G2_D	-33.74	-21.51	39.32
54	54	167	G2_D	-26.91	0.39	57.42
54	54	35	Q_D	-0.77	-55.56	-0.64
54	54	38	Q_D	-3.2	-42.15	14.77
54	54	170	Q_D	14.28	-14.97	18.84
54	54	167	Q_D	16.79	-28.98	3.42
54	54	35	N_D	-9.238E-02	-6.67	-7.732E-02
54	54	38	N_D	-0.38	-5.06	1.77
54	54	170	N_D	1.71	-1.8	2.26
54	54	167	N_D	2.02	-3.48	0.41
54	54	35	T+_D	0.	0.	0.
54	54	38	T+_D	0.	0.	0.
54	54	170	T+_D	0.	0.	0.
54	54	167	T+_D	0.	0.	0.
54	54	35	T-_D	0.	0.	0.
54	54	38	T-_D	0.	0.	0.
54	54	170	T-_D	0.	0.	0.
54	54	167	T-_D	0.	0.	0.
54	54	35	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
54	54	38	W+_K	0.	0.	0.
54	54	170	W+_K	0.	0.	0.
54	54	167	W+_K	0.	0.	0.
54	54	35	W-_K	0.	0.	0.
54	54	38	W-_K	0.	0.	0.
54	54	170	W-_K	0.	0.	0.
54	54	167	W-_K	0.	0.	0.
54	54	35	W+_D	0.	0.	0.
54	54	38	W+_D	0.	0.	0.
54	54	170	W+_D	0.	0.	0.
54	54	167	W+_D	0.	0.	0.
54	54	35	W-_D	0.	0.	0.
54	54	38	W-_D	0.	0.	0.
54	54	170	W-_D	0.	0.	0.
54	54	167	W-_D	0.	0.	0.
54	54	35	SISMA SLV X	3.27	19.62	27.24
54	54	38	SISMA SLV X	7.91	24.95	28.04
54	54	170	SISMA SLV X	6.66	14.36	25.04
54	54	167	SISMA SLV X	7.87	5.8	23.87
54	54	35	SISMA SLV Y	5.64	40.99	12.21
54	54	38	SISMA SLV Y	13.76	49.14	17.65
54	54	170	SISMA SLV Y	5.95	8.47	18.21
54	54	167	SISMA SLV Y	13.45	11.76	11.29
54	54	35	SISMA SLD X	1.6	9.58	13.31
54	54	38	SISMA SLD X	3.86	12.18	13.69
54	54	170	SISMA SLD X	3.25	7.02	12.23
54	54	167	SISMA SLD X	3.84	2.83	11.66
54	54	35	SISMA SLD Y	2.75	20.02	5.96
54	54	38	SISMA SLD Y	6.72	24.	8.62
54	54	170	SISMA SLD Y	2.91	4.14	8.89
54	54	167	SISMA SLD Y	6.57	5.74	5.51
54	54	35	SISMA SLO X	1.32	7.93	11.02
54	54	38	SISMA SLO X	3.2	10.09	11.34
54	54	170	SISMA SLO X	2.69	5.81	10.13
54	54	167	SISMA SLO X	3.18	2.34	9.66
54	54	35	SISMA SLO Y	2.28	16.58	4.94
54	54	38	SISMA SLO Y	5.56	19.88	7.14
54	54	170	SISMA SLO Y	2.41	3.42	7.37
54	54	167	SISMA SLO Y	5.44	4.75	4.57
54	54	35	SLT	0.	0.	0.
54	54	38	SLT	0.	0.	0.
54	54	170	SLT	0.	0.	0.
54	54	167	SLT	0.	0.	0.
54	54	35	~TorsionSISMA SLV X	0.	0.	0.
54	54	38	~TorsionSISMA SLV X	0.	0.	0.
54	54	170	~TorsionSISMA SLV X	0.	0.	0.
54	54	167	~TorsionSISMA SLV X	0.	0.	0.
54	54	35	~TorsionSISMA SLV Y	0.	0.	0.
54	54	38	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
54	54	170	~TorsionSISMA SLV Y	0.	0.	0.
54	54	167	~TorsionSISMA SLV Y	0.	0.	0.
54	54	35	~TorsionSISMA SLD X	0.	0.	0.
54	54	38	~TorsionSISMA SLD X	0.	0.	0.
54	54	170	~TorsionSISMA SLD X	0.	0.	0.
54	54	167	~TorsionSISMA SLD X	0.	0.	0.
54	54	35	~TorsionSISMA SLD Y	0.	0.	0.
54	54	38	~TorsionSISMA SLD Y	0.	0.	0.
54	54	170	~TorsionSISMA SLD Y	0.	0.	0.
54	54	167	~TorsionSISMA SLD Y	0.	0.	0.
54	54	35	~TorsionSISMA SLO X	0.	0.	0.
54	54	38	~TorsionSISMA SLO X	0.	0.	0.
54	54	170	~TorsionSISMA SLO X	0.	0.	0.
54	54	167	~TorsionSISMA SLO X	0.	0.	0.
54	54	35	~TorsionSISMA SLO Y	0.	0.	0.
54	54	38	~TorsionSISMA SLO Y	0.	0.	0.
54	54	170	~TorsionSISMA SLO Y	0.	0.	0.
54	54	167	~TorsionSISMA SLO Y	0.	0.	0.
55	55	167	G1_K	11.74	-86.81	0.8
55	55	170	G1_K	5.46	-81.69	24.04
55	55	39	G1_K	28.78	-49.18	23.6
55	55	36	G1_K	35.07	-53.62	0.36
55	55	167	G2_K	-15.09	28.68	42.
55	55	170	G2_K	-24.29	-8.51	31.94
55	55	39	G2_K	-30.36	-15.8	24.45
55	55	36	G2_K	-21.12	20.63	34.51
55	55	167	Q_K	10.47	-26.81	0.27
55	55	170	Q_K	5.96	-23.88	14.84
55	55	39	Q_K	20.24	-3.73	15.12
55	55	36	Q_K	24.76	-6.23	0.55
55	55	167	N_K	1.26	-3.22	3.275E-02
55	55	170	N_K	0.72	-2.87	1.78
55	55	39	N_K	2.43	-0.45	1.81
55	55	36	N_K	2.97	-0.75	6.584E-02
55	55	167	T+_K	0.	0.	0.
55	55	170	T+_K	0.	0.	0.
55	55	39	T+_K	0.	0.	0.
55	55	36	T+_K	0.	0.	0.
55	55	167	T-_K	0.	0.	0.
55	55	170	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
55	55	39	T-_K	0.	0.	0.
55	55	36	T-_K	0.	0.	0.
55	55	167	G1_D	15.27	-112.85	1.04
55	55	170	G1_D	7.1	-106.2	31.25
55	55	39	G1_D	37.42	-63.94	30.69
55	55	36	G1_D	45.6	-69.71	0.47
55	55	167	G2_D	-19.61	37.28	54.6
55	55	170	G2_D	-31.57	-11.07	41.52
55	55	39	G2_D	-39.47	-20.54	31.78
55	55	36	G2_D	-27.45	26.81	44.87
55	55	167	Q_D	15.71	-40.21	0.41
55	55	170	Q_D	8.94	-35.82	22.26
55	55	39	Q_D	30.36	-5.59	22.68
55	55	36	Q_D	37.14	-9.34	0.82
55	55	167	N_D	1.89	-4.83	4.913E-02
55	55	170	N_D	1.07	-4.3	2.67
55	55	39	N_D	3.64	-0.67	2.72
55	55	36	N_D	4.46	-1.12	9.877E-02
55	55	167	T+_D	0.	0.	0.
55	55	170	T+_D	0.	0.	0.
55	55	39	T+_D	0.	0.	0.
55	55	36	T+_D	0.	0.	0.
55	55	167	T-_D	0.	0.	0.
55	55	170	T-_D	0.	0.	0.
55	55	39	T-_D	0.	0.	0.
55	55	36	T-_D	0.	0.	0.
55	55	167	W+_K	0.	0.	0.
55	55	170	W+_K	0.	0.	0.
55	55	39	W+_K	0.	0.	0.
55	55	36	W+_K	0.	0.	0.
55	55	167	W-_K	0.	0.	0.
55	55	170	W-_K	0.	0.	0.
55	55	39	W-_K	0.	0.	0.
55	55	36	W-_K	0.	0.	0.
55	55	167	W+_D	0.	0.	0.
55	55	170	W+_D	0.	0.	0.
55	55	39	W+_D	0.	0.	0.
55	55	36	W+_D	0.	0.	0.
55	55	167	W-_D	0.	0.	0.
55	55	170	W-_D	0.	0.	0.
55	55	39	W-_D	0.	0.	0.
55	55	36	W-_D	0.	0.	0.
55	55	167	SISMA SLV X	8.57	5.49	24.3
55	55	170	SISMA SLV X	7.01	16.86	26.31
55	55	39	SISMA SLV X	11.47	20.29	25.46
55	55	36	SISMA SLV X	16.67	19.04	23.68
55	55	167	SISMA SLV Y	13.75	8.99	11.92
55	55	170	SISMA SLV Y	3.58	17.15	16.91
55	55	39	SISMA SLV Y	17.68	23.	13.95
55	55	36	SISMA SLV Y	30.57	40.7	10.52
55	55	167	SISMA SLD X	4.19	2.68	11.87
55	55	170	SISMA SLD X	3.42	8.24	12.85
55	55	39	SISMA SLD X	5.6	9.91	12.43
55	55	36	SISMA SLD X	8.14	9.3	11.57

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
55	55	167	SISMA SLD Y	6.72	4.39	5.82
55	55	170	SISMA SLD Y	1.75	8.38	8.26
55	55	39	SISMA SLD Y	8.63	11.23	6.81
55	55	36	SISMA SLD Y	14.93	19.88	5.14
55	55	167	SISMA SLO X	3.47	2.21	9.83
55	55	170	SISMA SLO X	2.83	6.82	10.65
55	55	39	SISMA SLO X	4.63	8.21	10.3
55	55	36	SISMA SLO X	6.74	7.7	9.58
55	55	167	SISMA SLO Y	5.56	3.62	4.82
55	55	170	SISMA SLO Y	1.44	6.93	6.84
55	55	39	SISMA SLO Y	7.15	9.3	5.64
55	55	36	SISMA SLO Y	12.36	16.46	4.26
55	55	167	SLT	0.	0.	0.
55	55	170	SLT	0.	0.	0.
55	55	39	SLT	0.	0.	0.
55	55	36	SLT	0.	0.	0.
55	55	167	~TorsionSISMA SLV X	0.	0.	0.
55	55	170	~TorsionSISMA SLV X	0.	0.	0.
55	55	39	~TorsionSISMA SLV X	0.	0.	0.
55	55	36	~TorsionSISMA SLV X	0.	0.	0.
55	55	167	~TorsionSISMA SLV Y	0.	0.	0.
55	55	170	~TorsionSISMA SLV Y	0.	0.	0.
55	55	39	~TorsionSISMA SLV Y	0.	0.	0.
55	55	36	~TorsionSISMA SLV Y	0.	0.	0.
55	55	167	~TorsionSISMA SLD X	0.	0.	0.
55	55	170	~TorsionSISMA SLD X	0.	0.	0.
55	55	39	~TorsionSISMA SLD X	0.	0.	0.
55	55	36	~TorsionSISMA SLD X	0.	0.	0.
55	55	167	~TorsionSISMA SLD Y	0.	0.	0.
55	55	170	~TorsionSISMA SLD Y	0.	0.	0.
55	55	39	~TorsionSISMA SLD Y	0.	0.	0.
55	55	36	~TorsionSISMA SLD Y	0.	0.	0.
55	55	167	~TorsionSISMA SLO X	0.	0.	0.
55	55	170	~TorsionSISMA SLO X	0.	0.	0.
55	55	39	~TorsionSISMA SLO X	0.	0.	0.
55	55	36	~TorsionSISMA SLO X	0.	0.	0.
55	55	167	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
55	55	170	~TorsionSISMA SLO Y	0.	0.	0.
55	55	39	~TorsionSISMA SLO Y	0.	0.	0.
55	55	36	~TorsionSISMA SLO Y	0.	0.	0.
56	56	36	G1_K	36.39	-52.14	3.83
56	56	39	G1_K	27.47	-50.67	20.38
56	56	171	G1_K	42.15	-13.26	15.71
56	56	168	G1_K	51.12	-15.12	-0.84
56	56	36	G2_K	-19.31	31.5	24.98
56	56	39	G2_K	-28.09	-6.29	28.21
56	56	171	G2_K	-27.04	-16.39	18.43
56	56	168	G2_K	-18.24	20.55	15.2
56	56	36	Q_K	24.08	-12.88	2.76
56	56	39	Q_K	17.84	-12.45	13.25
56	56	171	Q_K	27.85	11.38	10.41
56	56	168	Q_K	34.13	10.71	-8.777E-02
56	56	36	N_K	2.89	-1.55	0.33
56	56	39	N_K	2.14	-1.49	1.59
56	56	171	N_K	3.34	1.37	1.25
56	56	168	N_K	4.1	1.29	-1.053E-02
56	56	36	T+_K	0.	0.	0.
56	56	39	T+_K	0.	0.	0.
56	56	171	T+_K	0.	0.	0.
56	56	168	T+_K	0.	0.	0.
56	56	36	T-_K	0.	0.	0.
56	56	39	T-_K	0.	0.	0.
56	56	171	T-_K	0.	0.	0.
56	56	168	T-_K	0.	0.	0.
56	56	36	G1_D	47.3	-67.78	4.98
56	56	39	G1_D	35.71	-65.87	26.49
56	56	171	G1_D	54.8	-17.24	20.42
56	56	168	G1_D	66.46	-19.65	-1.09
56	56	36	G2_D	-25.11	40.95	32.47
56	56	39	G2_D	-36.51	-8.18	36.67
56	56	171	G2_D	-35.15	-21.31	23.96
56	56	168	G2_D	-23.71	26.71	19.76
56	56	36	Q_D	36.13	-19.32	4.13
56	56	39	Q_D	26.75	-18.67	19.88
56	56	171	Q_D	41.78	17.07	15.61
56	56	168	Q_D	51.2	16.07	-0.13
56	56	36	N_D	4.34	-2.32	0.5
56	56	39	N_D	3.21	-2.24	2.39
56	56	171	N_D	5.01	2.05	1.87
56	56	168	N_D	6.14	1.93	-1.580E-02
56	56	36	T+_D	0.	0.	0.
56	56	39	T+_D	0.	0.	0.
56	56	171	T+_D	0.	0.	0.
56	56	168	T+_D	0.	0.	0.
56	56	36	T-_D	0.	0.	0.
56	56	39	T-_D	0.	0.	0.
56	56	171	T-_D	0.	0.	0.
56	56	168	T-_D	0.	0.	0.
56	56	36	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
56	56	39	W+_K	0.	0.	0.
56	56	171	W+_K	0.	0.	0.
56	56	168	W+_K	0.	0.	0.
56	56	36	W-_K	0.	0.	0.
56	56	39	W-_K	0.	0.	0.
56	56	171	W-_K	0.	0.	0.
56	56	168	W-_K	0.	0.	0.
56	56	36	W+_D	0.	0.	0.
56	56	39	W+_D	0.	0.	0.
56	56	171	W+_D	0.	0.	0.
56	56	168	W+_D	0.	0.	0.
56	56	36	W-_D	0.	0.	0.
56	56	39	W-_D	0.	0.	0.
56	56	171	W-_D	0.	0.	0.
56	56	168	W-_D	0.	0.	0.
56	56	36	SISMA SLV X	16.78	17.01	23.16
56	56	39	SISMA SLV X	10.84	16.93	23.93
56	56	171	SISMA SLV X	14.36	20.95	20.13
56	56	168	SISMA SLV X	20.52	22.97	19.42
56	56	36	SISMA SLV Y	29.91	35.94	11.22
56	56	39	SISMA SLV Y	15.68	14.81	11.56
56	56	171	SISMA SLV Y	24.49	26.6	9.5
56	56	168	SISMA SLV Y	38.94	48.47	8.75
56	56	36	SISMA SLD X	8.19	8.31	11.31
56	56	39	SISMA SLD X	5.29	8.27	11.69
56	56	171	SISMA SLD X	7.01	10.23	9.83
56	56	168	SISMA SLD X	10.02	11.22	9.48
56	56	36	SISMA SLD Y	14.61	17.55	5.48
56	56	39	SISMA SLD Y	7.66	7.23	5.65
56	56	171	SISMA SLD Y	11.96	12.99	4.64
56	56	168	SISMA SLD Y	19.02	23.67	4.28
56	56	36	SISMA SLO X	6.79	6.88	9.37
56	56	39	SISMA SLO X	4.38	6.85	9.68
56	56	171	SISMA SLO X	5.81	8.48	8.15
56	56	168	SISMA SLO X	8.3	9.29	7.86
56	56	36	SISMA SLO Y	12.1	14.54	4.54
56	56	39	SISMA SLO Y	6.34	5.99	4.68
56	56	171	SISMA SLO Y	9.9	10.76	3.84
56	56	168	SISMA SLO Y	15.75	19.61	3.54
56	56	36	SLT	0.	0.	0.
56	56	39	SLT	0.	0.	0.
56	56	171	SLT	0.	0.	0.
56	56	168	SLT	0.	0.	0.
56	56	36	~TorsionSISMA SLV X	0.	0.	0.
56	56	39	~TorsionSISMA SLV X	0.	0.	0.
56	56	171	~TorsionSISMA SLV X	0.	0.	0.
56	56	168	~TorsionSISMA SLV X	0.	0.	0.
56	56	36	~TorsionSISMA SLV Y	0.	0.	0.
56	56	39	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
56	56	171	~TorsionSISMA SLV Y	0.	0.	0.
56	56	168	~TorsionSISMA SLV Y	0.	0.	0.
56	56	36	~TorsionSISMA SLD X	0.	0.	0.
56	56	39	~TorsionSISMA SLD X	0.	0.	0.
56	56	171	~TorsionSISMA SLD X	0.	0.	0.
56	56	168	~TorsionSISMA SLD X	0.	0.	0.
56	56	36	~TorsionSISMA SLD Y	0.	0.	0.
56	56	39	~TorsionSISMA SLD Y	0.	0.	0.
56	56	171	~TorsionSISMA SLD Y	0.	0.	0.
56	56	168	~TorsionSISMA SLD Y	0.	0.	0.
56	56	36	~TorsionSISMA SLO X	0.	0.	0.
56	56	39	~TorsionSISMA SLO X	0.	0.	0.
56	56	171	~TorsionSISMA SLO X	0.	0.	0.
56	56	168	~TorsionSISMA SLO X	0.	0.	0.
56	56	36	~TorsionSISMA SLO Y	0.	0.	0.
56	56	39	~TorsionSISMA SLO Y	0.	0.	0.
56	56	171	~TorsionSISMA SLO Y	0.	0.	0.
56	56	168	~TorsionSISMA SLO Y	0.	0.	0.
57	57	168	G1_K	58.88	21.61	7.23
57	57	171	G1_K	41.37	-15.11	6.47
57	57	40	G1_K	40.3	27.14	-10.18
57	57	37	G1_K	57.71	66.17	-9.42
57	57	168	G2_K	-21.12	10.38	8.82
57	57	171	G2_K	-23.86	-4.71	19.5
57	57	40	G2_K	-18.89	-17.8	18.62
57	57	37	G2_K	-16.13	-4.03	7.94
57	57	168	Q_K	37.47	26.23	5.07
57	57	171	Q_K	25.75	2.	4.54
57	57	40	Q_K	26.19	29.24	-6.1
57	57	37	Q_K	37.85	54.96	-5.56
57	57	168	N_K	4.5	3.15	0.61
57	57	171	N_K	3.09	0.24	0.54
57	57	40	N_K	3.14	3.51	-0.73
57	57	37	N_K	4.54	6.6	-0.67
57	57	168	T+_K	0.	0.	0.
57	57	171	T+_K	0.	0.	0.
57	57	40	T+_K	0.	0.	0.
57	57	37	T+_K	0.	0.	0.
57	57	168	T-_K	0.	0.	0.
57	57	171	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
57	57	40	T-_K	0.	0.	0.
57	57	37	T-_K	0.	0.	0.
57	57	168	G1_D	76.54	28.09	9.4
57	57	171	G1_D	53.78	-19.64	8.41
57	57	40	G1_D	52.38	35.28	-13.24
57	57	37	G1_D	75.02	86.02	-12.25
57	57	168	G2_D	-27.46	13.49	11.47
57	57	171	G2_D	-31.02	-6.13	25.35
57	57	40	G2_D	-24.55	-23.14	24.2
57	57	37	G2_D	-20.97	-5.23	10.32
57	57	168	Q_D	56.2	39.35	7.61
57	57	171	Q_D	38.62	2.99	6.81
57	57	40	Q_D	39.29	43.86	-9.15
57	57	37	Q_D	56.78	82.44	-8.34
57	57	168	N_D	6.74	4.72	0.91
57	57	171	N_D	4.63	0.36	0.82
57	57	40	N_D	4.71	5.26	-1.1
57	57	37	N_D	6.81	9.89	-1.
57	57	168	T+_D	0.	0.	0.
57	57	171	T+_D	0.	0.	0.
57	57	40	T+_D	0.	0.	0.
57	57	37	T+_D	0.	0.	0.
57	57	168	T-_D	0.	0.	0.
57	57	171	T-_D	0.	0.	0.
57	57	40	T-_D	0.	0.	0.
57	57	37	T-_D	0.	0.	0.
57	57	168	W+_K	0.	0.	0.
57	57	171	W+_K	0.	0.	0.
57	57	40	W+_K	0.	0.	0.
57	57	37	W+_K	0.	0.	0.
57	57	168	W-_K	0.	0.	0.
57	57	171	W-_K	0.	0.	0.
57	57	40	W-_K	0.	0.	0.
57	57	37	W-_K	0.	0.	0.
57	57	168	W+_D	0.	0.	0.
57	57	171	W+_D	0.	0.	0.
57	57	40	W+_D	0.	0.	0.
57	57	37	W+_D	0.	0.	0.
57	57	168	W-_D	0.	0.	0.
57	57	171	W-_D	0.	0.	0.
57	57	40	W-_D	0.	0.	0.
57	57	37	W-_D	0.	0.	0.
57	57	168	SISMA SLV X	20.47	23.57	18.52
57	57	171	SISMA SLV X	14.5	17.29	18.62
57	57	40	SISMA SLV X	14.03	13.65	17.91
57	57	37	SISMA SLV X	19.09	19.04	17.05
57	57	168	SISMA SLV Y	37.5	46.57	9.21
57	57	171	SISMA SLV Y	25.82	27.18	11.49
57	57	40	SISMA SLV Y	25.34	13.74	14.7
57	57	37	SISMA SLV Y	36.94	32.43	7.53
57	57	168	SISMA SLD X	10.	11.51	9.05
57	57	171	SISMA SLD X	7.08	8.44	9.1
57	57	40	SISMA SLD X	6.85	6.67	8.75
57	57	37	SISMA SLD X	9.32	9.3	8.33

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
57	57	168	SISMA SLD Y	18.31	22.75	4.5
57	57	171	SISMA SLD Y	12.61	13.28	5.61
57	57	40	SISMA SLD Y	12.37	6.71	7.18
57	57	37	SISMA SLD Y	18.04	15.84	3.68
57	57	168	SISMA SLO X	8.28	9.53	7.49
57	57	171	SISMA SLO X	5.86	6.99	7.54
57	57	40	SISMA SLO X	5.67	5.52	7.25
57	57	37	SISMA SLO X	7.72	7.7	6.9
57	57	168	SISMA SLO Y	15.17	18.84	3.73
57	57	171	SISMA SLO Y	10.44	11.	4.65
57	57	40	SISMA SLO Y	10.25	5.55	5.95
57	57	37	SISMA SLO Y	14.94	13.11	3.05
57	57	168	SLT	0.	0.	0.
57	57	171	SLT	0.	0.	0.
57	57	40	SLT	0.	0.	0.
57	57	37	SLT	0.	0.	0.
57	57	168	~TorsionSISMA SLV X	0.	0.	0.
57	57	171	~TorsionSISMA SLV X	0.	0.	0.
57	57	40	~TorsionSISMA SLV X	0.	0.	0.
57	57	37	~TorsionSISMA SLV X	0.	0.	0.
57	57	168	~TorsionSISMA SLV Y	0.	0.	0.
57	57	171	~TorsionSISMA SLV Y	0.	0.	0.
57	57	40	~TorsionSISMA SLV Y	0.	0.	0.
57	57	37	~TorsionSISMA SLV Y	0.	0.	0.
57	57	168	~TorsionSISMA SLD X	0.	0.	0.
57	57	171	~TorsionSISMA SLD X	0.	0.	0.
57	57	40	~TorsionSISMA SLD X	0.	0.	0.
57	57	37	~TorsionSISMA SLD X	0.	0.	0.
57	57	168	~TorsionSISMA SLD Y	0.	0.	0.
57	57	171	~TorsionSISMA SLD Y	0.	0.	0.
57	57	40	~TorsionSISMA SLD Y	0.	0.	0.
57	57	37	~TorsionSISMA SLD Y	0.	0.	0.
57	57	168	~TorsionSISMA SLO X	0.	0.	0.
57	57	171	~TorsionSISMA SLO X	0.	0.	0.
57	57	40	~TorsionSISMA SLO X	0.	0.	0.
57	57	37	~TorsionSISMA SLO X	0.	0.	0.
57	57	168	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
57	57	171	~TorsionSISMA SLO Y	0.	0.	0.
57	57	40	~TorsionSISMA SLO Y	0.	0.	0.
57	57	37	~TorsionSISMA SLO Y	0.	0.	0.
58	58	37	G1_K	73.95	142.43	17.54
58	58	40	G1_K	46.01	60.63	-39.58
58	58	115	G1_K	6.26	110.21	-75.55
58	58	117	G1_K	34.21	193.34	-18.43
58	58	37	G2_K	-21.29	-20.36	11.6
58	58	40	G2_K	-13.77	-1.7	15.62
58	58	115	G2_K	-16.94	-18.62	19.62
58	58	117	G2_K	-24.48	-38.8	15.61
58	58	37	Q_K	46.51	95.23	11.66
58	58	40	Q_K	28.28	42.67	-24.87
58	58	115	Q_K	4.17	74.79	-47.97
58	58	117	Q_K	22.4	128.19	-11.44
58	58	37	N_K	5.58	11.43	1.4
58	58	40	N_K	3.39	5.12	-2.98
58	58	115	N_K	0.5	8.97	-5.76
58	58	117	N_K	2.69	15.38	-1.37
58	58	37	T+_K	0.	0.	0.
58	58	40	T+_K	0.	0.	0.
58	58	115	T+_K	0.	0.	0.
58	58	117	T+_K	0.	0.	0.
58	58	37	T-_K	0.	0.	0.
58	58	40	T-_K	0.	0.	0.
58	58	115	T-_K	0.	0.	0.
58	58	117	T-_K	0.	0.	0.
58	58	37	G1_D	96.13	185.15	22.8
58	58	40	G1_D	59.81	78.82	-51.46
58	58	115	G1_D	8.14	143.27	-98.22
58	58	117	G1_D	44.47	251.35	-23.96
58	58	37	G2_D	-27.68	-26.47	15.08
58	58	40	G2_D	-17.9	-2.21	20.3
58	58	115	G2_D	-22.03	-24.2	25.51
58	58	117	G2_D	-31.83	-50.44	20.29
58	58	37	Q_D	69.76	142.84	17.49
58	58	40	Q_D	42.42	64.01	-37.3
58	58	115	Q_D	6.26	112.18	-71.95
58	58	117	Q_D	33.6	192.28	-17.15
58	58	37	N_D	8.37	17.14	2.1
58	58	40	N_D	5.09	7.68	-4.48
58	58	115	N_D	0.75	13.46	-8.63
58	58	117	N_D	4.03	23.07	-2.06
58	58	37	T+_D	0.	0.	0.
58	58	40	T+_D	0.	0.	0.
58	58	115	T+_D	0.	0.	0.
58	58	117	T+_D	0.	0.	0.
58	58	37	T-_D	0.	0.	0.
58	58	40	T-_D	0.	0.	0.
58	58	115	T-_D	0.	0.	0.
58	58	117	T-_D	0.	0.	0.
58	58	37	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
58	58	40	W+_K	0.	0.	0.
58	58	115	W+_K	0.	0.	0.
58	58	117	W+_K	0.	0.	0.
58	58	37	W-_K	0.	0.	0.
58	58	40	W-_K	0.	0.	0.
58	58	115	W-_K	0.	0.	0.
58	58	117	W-_K	0.	0.	0.
58	58	37	W+_D	0.	0.	0.
58	58	40	W+_D	0.	0.	0.
58	58	115	W+_D	0.	0.	0.
58	58	117	W+_D	0.	0.	0.
58	58	37	W-_D	0.	0.	0.
58	58	40	W-_D	0.	0.	0.
58	58	115	W-_D	0.	0.	0.
58	58	117	W-_D	0.	0.	0.
58	58	37	SISMA SLV X	18.71	24.3	21.83
58	58	40	SISMA SLV X	15.35	15.86	14.9
58	58	115	SISMA SLV X	16.21	14.54	12.78
58	58	117	SISMA SLV X	13.6	23.81	15.63
58	58	37	SISMA SLV Y	33.24	26.85	10.02
58	58	40	SISMA SLV Y	30.27	25.7	13.97
58	58	115	SISMA SLV Y	26.73	18.35	12.62
58	58	117	SISMA SLV Y	28.91	21.31	7.34
58	58	37	SISMA SLD X	9.14	11.87	10.66
58	58	40	SISMA SLD X	7.5	7.75	7.28
58	58	115	SISMA SLD X	7.92	7.1	6.24
58	58	117	SISMA SLD X	6.64	11.63	7.64
58	58	37	SISMA SLD Y	16.24	13.11	4.89
58	58	40	SISMA SLD Y	14.79	12.55	6.83
58	58	115	SISMA SLD Y	13.05	8.96	6.16
58	58	117	SISMA SLD Y	14.12	10.41	3.59
58	58	37	SISMA SLO X	7.57	9.84	8.83
58	58	40	SISMA SLO X	6.21	6.42	6.03
58	58	115	SISMA SLO X	6.56	5.88	5.17
58	58	117	SISMA SLO X	5.5	9.64	6.33
58	58	37	SISMA SLO Y	13.45	10.86	4.05
58	58	40	SISMA SLO Y	12.25	10.39	5.65
58	58	115	SISMA SLO Y	10.81	7.42	5.11
58	58	117	SISMA SLO Y	11.69	8.62	2.97
58	58	37	SLT	0.	0.	0.
58	58	40	SLT	0.	0.	0.
58	58	115	SLT	0.	0.	0.
58	58	117	SLT	0.	0.	0.
58	58	37	~TorsionSISMA SLV X	0.	0.	0.
58	58	40	~TorsionSISMA SLV X	0.	0.	0.
58	58	115	~TorsionSISMA SLV X	0.	0.	0.
58	58	117	~TorsionSISMA SLV X	0.	0.	0.
58	58	37	~TorsionSISMA SLV Y	0.	0.	0.
58	58	40	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
58	58	115	~TorsionSISMA SLV Y	0.	0.	0.
58	58	117	~TorsionSISMA SLV Y	0.	0.	0.
58	58	37	~TorsionSISMA SLD X	0.	0.	0.
58	58	40	~TorsionSISMA SLD X	0.	0.	0.
58	58	115	~TorsionSISMA SLD X	0.	0.	0.
58	58	117	~TorsionSISMA SLD X	0.	0.	0.
58	58	37	~TorsionSISMA SLD Y	0.	0.	0.
58	58	40	~TorsionSISMA SLD Y	0.	0.	0.
58	58	115	~TorsionSISMA SLD Y	0.	0.	0.
58	58	117	~TorsionSISMA SLD Y	0.	0.	0.
58	58	37	~TorsionSISMA SLO X	0.	0.	0.
58	58	40	~TorsionSISMA SLO X	0.	0.	0.
58	58	115	~TorsionSISMA SLO X	0.	0.	0.
58	58	117	~TorsionSISMA SLO X	0.	0.	0.
58	58	37	~TorsionSISMA SLO Y	0.	0.	0.
58	58	40	~TorsionSISMA SLO Y	0.	0.	0.
58	58	115	~TorsionSISMA SLO Y	0.	0.	0.
58	58	117	~TorsionSISMA SLO Y	0.	0.	0.
59	59	169	G1_K	-23.62	-121.4	5.8
59	59	99	G1_K	-23.9	-116.21	2.94
59	59	41	G1_K	-12.3	-93.26	15.85
59	59	38	G1_K	-11.94	-99.47	18.71
59	59	169	G2_K	-3.15	-12.23	18.99
59	59	99	G2_K	-10.56	-56.3	12.67
59	59	41	G2_K	-10.42	-57.49	32.36
59	59	38	G2_K	-3.07	-13.24	38.68
59	59	169	Q_K	-4.54	-29.79	2.77
59	59	99	Q_K	-5.81	-22.	-1.47
59	59	41	Q_K	-5.09	-15.79	5.56
59	59	38	Q_K	-3.71	-24.04	9.81
59	59	169	N_K	-0.55	-3.58	0.33
59	59	99	N_K	-0.7	-2.64	-0.18
59	59	41	N_K	-0.61	-1.9	0.67
59	59	38	N_K	-0.44	-2.89	1.18
59	59	169	T+_K	0.	0.	0.
59	59	99	T+_K	0.	0.	0.
59	59	41	T+_K	0.	0.	0.
59	59	38	T+_K	0.	0.	0.
59	59	169	T-_K	0.	0.	0.
59	59	99	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
59	59	41	T-_K	0.	0.	0.
59	59	38	T-_K	0.	0.	0.
59	59	169	G1_D	-30.71	-157.82	7.54
59	59	99	G1_D	-31.06	-151.07	3.82
59	59	41	G1_D	-15.99	-121.23	20.61
59	59	38	G1_D	-15.53	-129.31	24.32
59	59	169	G2_D	-4.1	-15.89	24.69
59	59	99	G2_D	-13.72	-73.19	16.47
59	59	41	G2_D	-13.55	-74.74	42.07
59	59	38	G2_D	-4.	-17.22	50.29
59	59	169	Q_D	-6.82	-44.69	4.15
59	59	99	Q_D	-8.72	-33.	-2.21
59	59	41	Q_D	-7.63	-23.69	8.34
59	59	38	Q_D	-5.56	-36.07	14.71
59	59	169	N_D	-0.82	-5.36	0.5
59	59	99	N_D	-1.05	-3.96	-0.27
59	59	41	N_D	-0.92	-2.84	1.
59	59	38	N_D	-0.67	-4.33	1.76
59	59	169	T+_D	0.	0.	0.
59	59	99	T+_D	0.	0.	0.
59	59	41	T+_D	0.	0.	0.
59	59	38	T+_D	0.	0.	0.
59	59	169	T-_D	0.	0.	0.
59	59	99	T-_D	0.	0.	0.
59	59	41	T-_D	0.	0.	0.
59	59	38	T-_D	0.	0.	0.
59	59	169	W+_K	0.	0.	0.
59	59	99	W+_K	0.	0.	0.
59	59	41	W+_K	0.	0.	0.
59	59	38	W+_K	0.	0.	0.
59	59	169	W-_K	0.	0.	0.
59	59	99	W-_K	0.	0.	0.
59	59	41	W-_K	0.	0.	0.
59	59	38	W-_K	0.	0.	0.
59	59	169	W+_D	0.	0.	0.
59	59	99	W+_D	0.	0.	0.
59	59	41	W+_D	0.	0.	0.
59	59	38	W+_D	0.	0.	0.
59	59	169	W-_D	0.	0.	0.
59	59	99	W-_D	0.	0.	0.
59	59	41	W-_D	0.	0.	0.
59	59	38	W-_D	0.	0.	0.
59	59	169	SISMA SLV X	6.48	36.02	16.38
59	59	99	SISMA SLV X	12.79	61.26	7.91
59	59	41	SISMA SLV X	11.67	55.42	21.49
59	59	38	SISMA SLV X	3.23	19.16	30.3
59	59	169	SISMA SLV Y	14.4	78.79	7.24
59	59	99	SISMA SLV Y	21.07	98.65	4.14
59	59	41	SISMA SLV Y	11.64	57.33	10.12
59	59	38	SISMA SLV Y	4.72	36.47	14.73
59	59	169	SISMA SLD X	3.16	17.59	8.
59	59	99	SISMA SLD X	6.25	29.92	3.86
59	59	41	SISMA SLD X	5.7	27.07	10.49
59	59	38	SISMA SLD X	1.58	9.36	14.8

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
59	59	169	SISMA SLD Y	7.03	38.48	3.54
59	59	99	SISMA SLD Y	10.29	48.18	2.02
59	59	41	SISMA SLD Y	5.68	28.	4.94
59	59	38	SISMA SLD Y	2.31	17.81	7.19
59	59	169	SISMA SLO X	2.62	14.57	6.62
59	59	99	SISMA SLO X	5.17	24.78	3.2
59	59	41	SISMA SLO X	4.72	22.42	8.69
59	59	38	SISMA SLO X	1.3	7.75	12.25
59	59	169	SISMA SLO Y	5.82	31.87	2.93
59	59	99	SISMA SLO Y	8.52	39.9	1.68
59	59	41	SISMA SLO Y	4.71	23.19	4.09
59	59	38	SISMA SLO Y	1.91	14.75	5.96
59	59	169	SLT	0.	0.	0.
59	59	99	SLT	0.	0.	0.
59	59	41	SLT	0.	0.	0.
59	59	38	SLT	0.	0.	0.
59	59	169	~TorsionSISMA SLV X	0.	0.	0.
59	59	99	~TorsionSISMA SLV X	0.	0.	0.
59	59	41	~TorsionSISMA SLV X	0.	0.	0.
59	59	38	~TorsionSISMA SLV X	0.	0.	0.
59	59	169	~TorsionSISMA SLV Y	0.	0.	0.
59	59	99	~TorsionSISMA SLV Y	0.	0.	0.
59	59	41	~TorsionSISMA SLV Y	0.	0.	0.
59	59	38	~TorsionSISMA SLV Y	0.	0.	0.
59	59	169	~TorsionSISMA SLD X	0.	0.	0.
59	59	99	~TorsionSISMA SLD X	0.	0.	0.
59	59	41	~TorsionSISMA SLD X	0.	0.	0.
59	59	38	~TorsionSISMA SLD X	0.	0.	0.
59	59	169	~TorsionSISMA SLD Y	0.	0.	0.
59	59	99	~TorsionSISMA SLD Y	0.	0.	0.
59	59	41	~TorsionSISMA SLD Y	0.	0.	0.
59	59	38	~TorsionSISMA SLD Y	0.	0.	0.
59	59	169	~TorsionSISMA SLO X	0.	0.	0.
59	59	99	~TorsionSISMA SLO X	0.	0.	0.
59	59	41	~TorsionSISMA SLO X	0.	0.	0.
59	59	38	~TorsionSISMA SLO X	0.	0.	0.
59	59	169	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
59	59	99	~TorsionSISMA SLO Y	0.	0.	0.
59	59	41	~TorsionSISMA SLO Y	0.	0.	0.
59	59	38	~TorsionSISMA SLO Y	0.	0.	0.
60	60	38	G1_K	-5.35	-87.95	21.29
60	60	41	G1_K	-12.01	-70.35	2.91
60	60	152	G1_K	-14.15	-68.64	4.83
60	60	170	G1_K	-7.23	-86.08	23.21
60	60	38	G2_K	-2.78	-8.06	35.
60	60	41	G2_K	-5.29	-35.53	21.08
60	60	152	G2_K	-6.39	-40.47	14.88
60	60	170	G2_K	-3.89	-12.95	28.8
60	60	38	Q_K	0.35	-20.64	12.08
60	60	41	Q_K	-8.25	-14.75	0.88
60	60	152	Q_K	-10.52	-13.4	2.98
60	60	170	Q_K	-1.77	-19.2	14.18
60	60	38	N_K	4.172E-02	-2.48	1.45
60	60	41	N_K	-0.99	-1.77	0.11
60	60	152	N_K	-1.26	-1.61	0.36
60	60	170	N_K	-0.21	-2.3	1.7
60	60	38	T+_K	0.	0.	0.
60	60	41	T+_K	0.	0.	0.
60	60	152	T+_K	0.	0.	0.
60	60	170	T+_K	0.	0.	0.
60	60	38	T-_K	0.	0.	0.
60	60	41	T-_K	0.	0.	0.
60	60	152	T-_K	0.	0.	0.
60	60	170	T-_K	0.	0.	0.
60	60	38	G1_D	-6.95	-114.33	27.67
60	60	41	G1_D	-15.61	-91.46	3.78
60	60	152	G1_D	-18.4	-89.23	6.28
60	60	170	G1_D	-9.4	-111.91	30.17
60	60	38	G2_D	-3.61	-10.48	45.5
60	60	41	G2_D	-6.87	-46.18	27.4
60	60	152	G2_D	-8.31	-52.61	19.34
60	60	170	G2_D	-5.06	-16.84	37.44
60	60	38	Q_D	0.52	-30.96	18.12
60	60	41	Q_D	-12.38	-22.13	1.32
60	60	152	Q_D	-15.77	-20.1	4.47
60	60	170	Q_D	-2.65	-28.8	21.27
60	60	38	N_D	6.257E-02	-3.72	2.17
60	60	41	N_D	-1.49	-2.66	0.16
60	60	152	N_D	-1.89	-2.41	0.54
60	60	170	N_D	-0.32	-3.46	2.55
60	60	38	T+_D	0.	0.	0.
60	60	41	T+_D	0.	0.	0.
60	60	152	T+_D	0.	0.	0.
60	60	170	T+_D	0.	0.	0.
60	60	38	T-_D	0.	0.	0.
60	60	41	T-_D	0.	0.	0.
60	60	152	T-_D	0.	0.	0.
60	60	170	T-_D	0.	0.	0.
60	60	38	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
60	60	41	W+_K	0.	0.	0.
60	60	152	W+_K	0.	0.	0.
60	60	170	W+_K	0.	0.	0.
60	60	38	W-_K	0.	0.	0.
60	60	41	W-_K	0.	0.	0.
60	60	152	W-_K	0.	0.	0.
60	60	170	W-_K	0.	0.	0.
60	60	38	W+_D	0.	0.	0.
60	60	41	W+_D	0.	0.	0.
60	60	152	W+_D	0.	0.	0.
60	60	170	W+_D	0.	0.	0.
60	60	38	W-_D	0.	0.	0.
60	60	41	W-_D	0.	0.	0.
60	60	152	W-_D	0.	0.	0.
60	60	170	W-_D	0.	0.	0.
60	60	38	SISMA SLV X	2.43	16.27	29.8
60	60	41	SISMA SLV X	10.4	35.59	10.04
60	60	152	SISMA SLV X	13.36	39.4	6.73
60	60	170	SISMA SLV X	6.16	18.27	26.61
60	60	38	SISMA SLV Y	2.41	32.57	15.49
60	60	41	SISMA SLV Y	15.61	52.07	4.46
60	60	152	SISMA SLV Y	14.89	34.15	3.59
60	60	170	SISMA SLV Y	4.37	15.28	15.53
60	60	38	SISMA SLD X	1.18	7.94	14.55
60	60	41	SISMA SLD X	5.08	17.38	4.9
60	60	152	SISMA SLD X	6.53	19.24	3.29
60	60	170	SISMA SLD X	3.01	8.92	13.
60	60	38	SISMA SLD Y	1.18	15.91	7.57
60	60	41	SISMA SLD Y	7.62	25.43	2.18
60	60	152	SISMA SLD Y	7.27	16.68	1.75
60	60	170	SISMA SLD Y	2.13	7.46	7.58
60	60	38	SISMA SLO X	0.98	6.58	12.06
60	60	41	SISMA SLO X	4.21	14.4	4.06
60	60	152	SISMA SLO X	5.4	15.94	2.72
60	60	170	SISMA SLO X	2.49	7.39	10.77
60	60	38	SISMA SLO Y	0.97	13.17	6.27
60	60	41	SISMA SLO Y	6.31	21.06	1.8
60	60	152	SISMA SLO Y	6.02	13.81	1.45
60	60	170	SISMA SLO Y	1.76	6.18	6.28
60	60	38	SLT	0.	0.	0.
60	60	41	SLT	0.	0.	0.
60	60	152	SLT	0.	0.	0.
60	60	170	SLT	0.	0.	0.
60	60	38	~TorsionSISMA SLV X	0.	0.	0.
60	60	41	~TorsionSISMA SLV X	0.	0.	0.
60	60	152	~TorsionSISMA SLV X	0.	0.	0.
60	60	170	~TorsionSISMA SLV X	0.	0.	0.
60	60	38	~TorsionSISMA SLV Y	0.	0.	0.
60	60	41	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
60	60	152	~TorsionSISMA SLV Y	0.	0.	0.
60	60	170	~TorsionSISMA SLV Y	0.	0.	0.
60	60	38	~TorsionSISMA SLD X	0.	0.	0.
60	60	41	~TorsionSISMA SLD X	0.	0.	0.
60	60	152	~TorsionSISMA SLD X	0.	0.	0.
60	60	170	~TorsionSISMA SLD X	0.	0.	0.
60	60	38	~TorsionSISMA SLD Y	0.	0.	0.
60	60	41	~TorsionSISMA SLD Y	0.	0.	0.
60	60	152	~TorsionSISMA SLD Y	0.	0.	0.
60	60	170	~TorsionSISMA SLD Y	0.	0.	0.
60	60	38	~TorsionSISMA SLO X	0.	0.	0.
60	60	41	~TorsionSISMA SLO X	0.	0.	0.
60	60	152	~TorsionSISMA SLO X	0.	0.	0.
60	60	170	~TorsionSISMA SLO X	0.	0.	0.
60	60	38	~TorsionSISMA SLO Y	0.	0.	0.
60	60	41	~TorsionSISMA SLO Y	0.	0.	0.
60	60	152	~TorsionSISMA SLO Y	0.	0.	0.
60	60	170	~TorsionSISMA SLO Y	0.	0.	0.
61	61	170	G1_K	3.64	-70.56	25.95
61	61	152	G1_K	-18.75	-52.79	2.32
61	61	42	G1_K	-29.14	-48.83	3.01
61	61	39	G1_K	-6.41	-67.72	26.63
61	61	170	G2_K	-1.87	-3.41	28.36
61	61	152	G2_K	-2.91	-22.52	14.49
61	61	42	G2_K	-6.89	-30.67	12.6
61	61	39	G2_K	-5.85	-11.52	26.47
61	61	170	Q_K	3.08	-17.57	16.2
61	61	152	Q_K	-14.4	-10.22	1.59
61	61	42	Q_K	-19.55	-7.	2.43
61	61	39	Q_K	-1.87	-15.04	17.05
61	61	170	N_K	0.37	-2.11	1.94
61	61	152	N_K	-1.73	-1.23	0.19
61	61	42	N_K	-2.35	-0.84	0.29
61	61	39	N_K	-0.22	-1.8	2.05
61	61	170	T+_K	0.	0.	0.
61	61	152	T+_K	0.	0.	0.
61	61	42	T+_K	0.	0.	0.
61	61	39	T+_K	0.	0.	0.
61	61	170	T-_K	0.	0.	0.
61	61	152	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
61	61	42	T-_K	0.	0.	0.
61	61	39	T-_K	0.	0.	0.
61	61	170	G1_D	4.74	-91.72	33.73
61	61	152	G1_D	-24.38	-68.63	3.02
61	61	42	G1_D	-37.88	-63.48	3.91
61	61	39	G1_D	-8.33	-88.03	34.62
61	61	170	G2_D	-2.44	-4.43	36.87
61	61	152	G2_D	-3.79	-29.28	18.84
61	61	42	G2_D	-8.96	-39.87	16.38
61	61	39	G2_D	-7.6	-14.98	34.41
61	61	170	Q_D	4.62	-26.36	24.31
61	61	152	Q_D	-21.6	-15.32	2.38
61	61	42	Q_D	-29.33	-10.49	3.65
61	61	39	Q_D	-2.81	-22.55	25.58
61	61	170	N_D	0.55	-3.16	2.92
61	61	152	N_D	-2.59	-1.84	0.29
61	61	42	N_D	-3.52	-1.26	0.44
61	61	39	N_D	-0.34	-2.71	3.07
61	61	170	T+_D	0.	0.	0.
61	61	152	T+_D	0.	0.	0.
61	61	42	T+_D	0.	0.	0.
61	61	39	T+_D	0.	0.	0.
61	61	170	T-_D	0.	0.	0.
61	61	152	T-_D	0.	0.	0.
61	61	42	T-_D	0.	0.	0.
61	61	39	T-_D	0.	0.	0.
61	61	170	W+_K	0.	0.	0.
61	61	152	W+_K	0.	0.	0.
61	61	42	W+_K	0.	0.	0.
61	61	39	W+_K	0.	0.	0.
61	61	170	W-_K	0.	0.	0.
61	61	152	W-_K	0.	0.	0.
61	61	42	W-_K	0.	0.	0.
61	61	39	W-_K	0.	0.	0.
61	61	170	W+_D	0.	0.	0.
61	61	152	W+_D	0.	0.	0.
61	61	42	W+_D	0.	0.	0.
61	61	39	W+_D	0.	0.	0.
61	61	170	W-_D	0.	0.	0.
61	61	152	W-_D	0.	0.	0.
61	61	42	W-_D	0.	0.	0.
61	61	39	W-_D	0.	0.	0.
61	61	170	SISMA SLV X	7.34	11.75	26.8
61	61	152	SISMA SLV X	14.53	25.14	7.14
61	61	42	SISMA SLV X	19.3	30.16	7.19
61	61	39	SISMA SLV X	11.3	22.16	26.65
61	61	170	SISMA SLV Y	11.9	7.29	14.4
61	61	152	SISMA SLV Y	22.72	38.07	4.12
61	61	42	SISMA SLV Y	22.67	25.41	5.33
61	61	39	SISMA SLV Y	13.43	15.27	12.17
61	61	170	SISMA SLD X	3.58	5.74	13.09
61	61	152	SISMA SLD X	7.1	12.28	3.49
61	61	42	SISMA SLD X	9.42	14.73	3.51
61	61	39	SISMA SLD X	5.52	10.82	13.02

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
61	61	170	SISMA SLD Y	5.81	3.56	7.04
61	61	152	SISMA SLD Y	11.1	18.59	2.01
61	61	42	SISMA SLD Y	11.07	12.41	2.6
61	61	39	SISMA SLD Y	6.56	7.46	5.94
61	61	170	SISMA SLO X	2.96	4.75	10.84
61	61	152	SISMA SLO X	5.88	10.17	2.89
61	61	42	SISMA SLO X	7.81	12.2	2.91
61	61	39	SISMA SLO X	4.57	8.97	10.78
61	61	170	SISMA SLO Y	4.81	2.94	5.83
61	61	152	SISMA SLO Y	9.19	15.4	1.67
61	61	42	SISMA SLO Y	9.17	10.28	2.16
61	61	39	SISMA SLO Y	5.43	6.17	4.92
61	61	170	SLT	0.	0.	0.
61	61	152	SLT	0.	0.	0.
61	61	42	SLT	0.	0.	0.
61	61	39	SLT	0.	0.	0.
61	61	170	~TorsionSISMA SLV X	0.	0.	0.
61	61	152	~TorsionSISMA SLV X	0.	0.	0.
61	61	42	~TorsionSISMA SLV X	0.	0.	0.
61	61	39	~TorsionSISMA SLV X	0.	0.	0.
61	61	170	~TorsionSISMA SLV Y	0.	0.	0.
61	61	152	~TorsionSISMA SLV Y	0.	0.	0.
61	61	42	~TorsionSISMA SLV Y	0.	0.	0.
61	61	39	~TorsionSISMA SLV Y	0.	0.	0.
61	61	170	~TorsionSISMA SLD X	0.	0.	0.
61	61	152	~TorsionSISMA SLD X	0.	0.	0.
61	61	42	~TorsionSISMA SLD X	0.	0.	0.
61	61	39	~TorsionSISMA SLD X	0.	0.	0.
61	61	170	~TorsionSISMA SLD Y	0.	0.	0.
61	61	152	~TorsionSISMA SLD Y	0.	0.	0.
61	61	42	~TorsionSISMA SLD Y	0.	0.	0.
61	61	39	~TorsionSISMA SLD Y	0.	0.	0.
61	61	170	~TorsionSISMA SLO X	0.	0.	0.
61	61	152	~TorsionSISMA SLO X	0.	0.	0.
61	61	42	~TorsionSISMA SLO X	0.	0.	0.
61	61	39	~TorsionSISMA SLO X	0.	0.	0.
61	61	170	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
61	61	152	~TorsionSISMA SLO Y	0.	0.	0.
61	61	42	~TorsionSISMA SLO Y	0.	0.	0.
61	61	39	~TorsionSISMA SLO Y	0.	0.	0.
62	62	39	G1_K	4.61	-46.27	24.67
62	62	42	G1_K	-34.2	-40.51	8.29
62	62	154	G1_K	-38.04	-25.87	0.4
62	62	171	G1_K	0.92	-30.48	16.79
62	62	39	G2_K	-3.25	-1.28	24.2
62	62	42	G2_K	-3.97	-13.34	12.05
62	62	154	G2_K	-7.32	-24.09	9.43
62	62	171	G2_K	-6.56	-12.34	21.57
62	62	39	Q_K	3.09	-10.07	15.99
62	62	42	Q_K	-24.02	-9.48	5.83
62	62	154	Q_K	-24.97	0.78	0.88
62	62	171	Q_K	2.23	0.92	11.03
62	62	39	N_K	0.37	-1.21	1.92
62	62	42	N_K	-2.88	-1.14	0.7
62	62	154	N_K	-3.	9.305E-02	0.11
62	62	171	N_K	0.27	0.11	1.32
62	62	39	T+_K	0.	0.	0.
62	62	42	T+_K	0.	0.	0.
62	62	154	T+_K	0.	0.	0.
62	62	171	T+_K	0.	0.	0.
62	62	39	T-_K	0.	0.	0.
62	62	42	T-_K	0.	0.	0.
62	62	154	T-_K	0.	0.	0.
62	62	171	T-_K	0.	0.	0.
62	62	39	G1_D	5.99	-60.15	32.08
62	62	42	G1_D	-44.46	-52.67	10.77
62	62	154	G1_D	-49.46	-33.62	0.52
62	62	171	G1_D	1.19	-39.63	21.82
62	62	39	G2_D	-4.23	-1.66	31.46
62	62	42	G2_D	-5.17	-17.35	15.67
62	62	154	G2_D	-9.52	-31.32	12.25
62	62	171	G2_D	-8.52	-16.05	28.05
62	62	39	Q_D	4.63	-15.1	23.98
62	62	42	Q_D	-36.03	-14.22	8.74
62	62	154	Q_D	-37.45	1.16	1.32
62	62	171	Q_D	3.34	1.38	16.55
62	62	39	N_D	0.56	-1.81	2.88
62	62	42	N_D	-4.32	-1.71	1.05
62	62	154	N_D	-4.49	0.14	0.16
62	62	171	N_D	0.4	0.17	1.99
62	62	39	T+_D	0.	0.	0.
62	62	42	T+_D	0.	0.	0.
62	62	154	T+_D	0.	0.	0.
62	62	171	T+_D	0.	0.	0.
62	62	39	T-_D	0.	0.	0.
62	62	42	T-_D	0.	0.	0.
62	62	154	T-_D	0.	0.	0.
62	62	171	T-_D	0.	0.	0.
62	62	39	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
62	62	42	W+_K	0.	0.	0.
62	62	154	W+_K	0.	0.	0.
62	62	171	W+_K	0.	0.	0.
62	62	39	W-_K	0.	0.	0.
62	62	42	W-_K	0.	0.	0.
62	62	154	W-_K	0.	0.	0.
62	62	171	W-_K	0.	0.	0.
62	62	39	W+_D	0.	0.	0.
62	62	42	W+_D	0.	0.	0.
62	62	154	W+_D	0.	0.	0.
62	62	171	W+_D	0.	0.	0.
62	62	39	W-_D	0.	0.	0.
62	62	42	W-_D	0.	0.	0.
62	62	154	W-_D	0.	0.	0.
62	62	171	W-_D	0.	0.	0.
62	62	39	SISMA SLV X	10.64	14.59	22.27
62	62	42	SISMA SLV X	19.65	17.43	11.69
62	62	154	SISMA SLV X	20.97	21.97	11.89
62	62	171	SISMA SLV X	12.63	23.05	21.71
62	62	39	SISMA SLV Y	17.04	15.17	10.26
62	62	42	SISMA SLV Y	26.51	26.	5.75
62	62	154	SISMA SLV Y	24.24	17.85	12.36
62	62	171	SISMA SLV Y	19.94	24.69	13.47
62	62	39	SISMA SLD X	5.19	7.13	10.88
62	62	42	SISMA SLD X	9.6	8.51	5.71
62	62	154	SISMA SLD X	10.24	10.73	5.81
62	62	171	SISMA SLD X	6.17	11.26	10.61
62	62	39	SISMA SLD Y	8.32	7.41	5.01
62	62	42	SISMA SLD Y	12.95	12.7	2.81
62	62	154	SISMA SLD Y	11.84	8.72	6.03
62	62	171	SISMA SLD Y	9.74	12.06	6.58
62	62	39	SISMA SLO X	4.3	5.9	9.01
62	62	42	SISMA SLO X	7.95	7.05	4.73
62	62	154	SISMA SLO X	8.48	8.89	4.81
62	62	171	SISMA SLO X	5.11	9.33	8.79
62	62	39	SISMA SLO Y	6.89	6.14	4.15
62	62	42	SISMA SLO Y	10.72	10.52	2.33
62	62	154	SISMA SLO Y	9.81	7.22	5.
62	62	171	SISMA SLO Y	8.06	9.99	5.45
62	62	39	SLT	0.	0.	0.
62	62	42	SLT	0.	0.	0.
62	62	154	SLT	0.	0.	0.
62	62	171	SLT	0.	0.	0.
62	62	39	~TorsionSISMA SLV X	0.	0.	0.
62	62	42	~TorsionSISMA SLV X	0.	0.	0.
62	62	154	~TorsionSISMA SLV X	0.	0.	0.
62	62	171	~TorsionSISMA SLV X	0.	0.	0.
62	62	39	~TorsionSISMA SLV Y	0.	0.	0.
62	62	42	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
62	62	154	~TorsionSISMA SLV Y	0.	0.	0.
62	62	171	~TorsionSISMA SLV Y	0.	0.	0.
62	62	39	~TorsionSISMA SLD X	0.	0.	0.
62	62	42	~TorsionSISMA SLD X	0.	0.	0.
62	62	154	~TorsionSISMA SLD X	0.	0.	0.
62	62	171	~TorsionSISMA SLD X	0.	0.	0.
62	62	39	~TorsionSISMA SLD Y	0.	0.	0.
62	62	42	~TorsionSISMA SLD Y	0.	0.	0.
62	62	154	~TorsionSISMA SLD Y	0.	0.	0.
62	62	171	~TorsionSISMA SLD Y	0.	0.	0.
62	62	39	~TorsionSISMA SLO X	0.	0.	0.
62	62	42	~TorsionSISMA SLO X	0.	0.	0.
62	62	154	~TorsionSISMA SLO X	0.	0.	0.
62	62	171	~TorsionSISMA SLO X	0.	0.	0.
62	62	39	~TorsionSISMA SLO Y	0.	0.	0.
62	62	42	~TorsionSISMA SLO Y	0.	0.	0.
62	62	154	~TorsionSISMA SLO Y	0.	0.	0.
62	62	171	~TorsionSISMA SLO Y	0.	0.	0.
63	63	171	G1_K	5.44	-21.6	7.77
63	63	154	G1_K	-38.79	-15.87	17.49
63	63	43	G1_K	-31.88	26.11	-2.88
63	63	40	G1_K	12.31	20.84	-12.6
63	63	171	G2_K	-3.61	-1.68	18.69
63	63	154	G2_K	-4.97	-8.24	10.01
63	63	43	G2_K	-8.68	-20.71	9.34
63	63	40	G2_K	-7.27	-14.46	18.02
63	63	171	Q_K	3.08	-2.39	5.33
63	63	154	Q_K	-26.69	-0.27	11.75
63	63	43	Q_K	-20.55	27.52	-1.22
63	63	40	Q_K	9.19	25.69	-7.64
63	63	171	N_K	0.37	-0.29	0.64
63	63	154	N_K	-3.2	-3.235E-02	1.41
63	63	43	N_K	-2.47	3.3	-0.15
63	63	40	N_K	1.1	3.08	-0.92
63	63	171	T+_K	0.	0.	0.
63	63	154	T+_K	0.	0.	0.
63	63	43	T+_K	0.	0.	0.
63	63	40	T+_K	0.	0.	0.
63	63	171	T-_K	0.	0.	0.
63	63	154	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
63	63	43	T-_K	0.	0.	0.
63	63	40	T-_K	0.	0.	0.
63	63	171	G1_D	7.07	-28.08	10.11
63	63	154	G1_D	-50.43	-20.63	22.74
63	63	43	G1_D	-41.45	33.94	-3.75
63	63	40	G1_D	16.	27.1	-16.38
63	63	171	G2_D	-4.69	-2.18	24.3
63	63	154	G2_D	-6.46	-10.71	13.02
63	63	43	G2_D	-11.28	-26.92	12.14
63	63	40	G2_D	-9.45	-18.8	23.42
63	63	171	Q_D	4.62	-3.59	7.99
63	63	154	Q_D	-40.04	-0.4	17.62
63	63	43	Q_D	-30.82	41.27	-1.82
63	63	40	Q_D	13.79	38.54	-11.46
63	63	171	N_D	0.55	-0.43	0.96
63	63	154	N_D	-4.8	-4.853E-02	2.11
63	63	43	N_D	-3.7	4.95	-0.22
63	63	40	N_D	1.66	4.62	-1.37
63	63	171	T+_D	0.	0.	0.
63	63	154	T+_D	0.	0.	0.
63	63	43	T+_D	0.	0.	0.
63	63	40	T+_D	0.	0.	0.
63	63	171	T-_D	0.	0.	0.
63	63	154	T-_D	0.	0.	0.
63	63	43	T-_D	0.	0.	0.
63	63	40	T-_D	0.	0.	0.
63	63	171	W+_K	0.	0.	0.
63	63	154	W+_K	0.	0.	0.
63	63	43	W+_K	0.	0.	0.
63	63	40	W+_K	0.	0.	0.
63	63	171	W-_K	0.	0.	0.
63	63	154	W-_K	0.	0.	0.
63	63	43	W-_K	0.	0.	0.
63	63	40	W-_K	0.	0.	0.
63	63	171	W+_D	0.	0.	0.
63	63	154	W+_D	0.	0.	0.
63	63	43	W+_D	0.	0.	0.
63	63	40	W+_D	0.	0.	0.
63	63	171	W-_D	0.	0.	0.
63	63	154	W-_D	0.	0.	0.
63	63	43	W-_D	0.	0.	0.
63	63	40	W-_D	0.	0.	0.
63	63	171	SISMA SLV X	9.79	12.45	17.49
63	63	154	SISMA SLV X	19.81	11.5	16.45
63	63	43	SISMA SLV X	18.16	14.33	15.16
63	63	40	SISMA SLV X	11.99	16.66	16.94
63	63	171	SISMA SLV Y	16.89	17.1	14.96
63	63	154	SISMA SLV Y	22.23	13.94	9.59
63	63	43	SISMA SLV Y	15.82	10.49	13.09
63	63	40	SISMA SLV Y	23.7	21.14	19.35
63	63	171	SISMA SLD X	4.78	6.08	8.54
63	63	154	SISMA SLD X	9.68	5.62	8.03
63	63	43	SISMA SLD X	8.87	7.	7.4
63	63	40	SISMA SLD X	5.86	8.14	8.28

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
63	63	171	SISMA SLD Y	8.25	8.35	7.31
63	63	154	SISMA SLD Y	10.86	6.81	4.68
63	63	43	SISMA SLD Y	7.73	5.12	6.4
63	63	40	SISMA SLD Y	11.57	10.33	9.45
63	63	171	SISMA SLO X	3.96	5.03	7.08
63	63	154	SISMA SLO X	8.01	4.65	6.65
63	63	43	SISMA SLO X	7.35	5.8	6.13
63	63	40	SISMA SLO X	4.85	6.74	6.86
63	63	171	SISMA SLO Y	6.83	6.92	6.05
63	63	154	SISMA SLO Y	8.99	5.64	3.88
63	63	43	SISMA SLO Y	6.4	4.24	5.3
63	63	40	SISMA SLO Y	9.58	8.55	7.83
63	63	171	SLT	0.	0.	0.
63	63	154	SLT	0.	0.	0.
63	63	43	SLT	0.	0.	0.
63	63	40	SLT	0.	0.	0.
63	63	171	~TorsionSISMA SLV X	0.	0.	0.
63	63	154	~TorsionSISMA SLV X	0.	0.	0.
63	63	43	~TorsionSISMA SLV X	0.	0.	0.
63	63	40	~TorsionSISMA SLV X	0.	0.	0.
63	63	171	~TorsionSISMA SLV Y	0.	0.	0.
63	63	154	~TorsionSISMA SLV Y	0.	0.	0.
63	63	43	~TorsionSISMA SLV Y	0.	0.	0.
63	63	40	~TorsionSISMA SLV Y	0.	0.	0.
63	63	171	~TorsionSISMA SLD X	0.	0.	0.
63	63	154	~TorsionSISMA SLD X	0.	0.	0.
63	63	43	~TorsionSISMA SLD X	0.	0.	0.
63	63	40	~TorsionSISMA SLD X	0.	0.	0.
63	63	171	~TorsionSISMA SLD Y	0.	0.	0.
63	63	154	~TorsionSISMA SLD Y	0.	0.	0.
63	63	43	~TorsionSISMA SLD Y	0.	0.	0.
63	63	40	~TorsionSISMA SLD Y	0.	0.	0.
63	63	171	~TorsionSISMA SLO X	0.	0.	0.
63	63	154	~TorsionSISMA SLO X	0.	0.	0.
63	63	43	~TorsionSISMA SLO X	0.	0.	0.
63	63	40	~TorsionSISMA SLO X	0.	0.	0.
63	63	171	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
63	63	154	~TorsionSISMA SLO Y	0.	0.	0.
63	63	43	~TorsionSISMA SLO Y	0.	0.	0.
63	63	40	~TorsionSISMA SLO Y	0.	0.	0.
64	64	40	G1_K	13.44	50.05	-39.38
64	64	43	G1_K	-34.14	-8.75	32.11
64	64	103	G1_K	-9.76	55.75	-18.69
64	64	115	G1_K	37.26	120.47	-90.18
64	64	40	G2_K	-4.54	-3.61	18.01
64	64	43	G2_K	-5.81	-3.58	9.19
64	64	103	G2_K	-9.06	-12.18	5.46
64	64	115	G2_K	-7.75	-13.02	14.29
64	64	40	Q_K	8.02	35.77	-24.74
64	64	43	Q_K	-23.35	-2.46	21.11
64	64	103	Q_K	-6.12	39.77	-11.62
64	64	115	Q_K	24.89	81.78	-57.48
64	64	40	N_K	0.96	4.29	-2.97
64	64	43	N_K	-2.8	-0.29	2.53
64	64	103	N_K	-0.73	4.77	-1.39
64	64	115	N_K	2.99	9.81	-6.9
64	64	40	T+_K	0.	0.	0.
64	64	43	T+_K	0.	0.	0.
64	64	103	T+_K	0.	0.	0.
64	64	115	T+_K	0.	0.	0.
64	64	40	T-_K	0.	0.	0.
64	64	43	T-_K	0.	0.	0.
64	64	103	T-_K	0.	0.	0.
64	64	115	T-_K	0.	0.	0.
64	64	40	G1_D	17.47	65.07	-51.19
64	64	43	G1_D	-44.38	-11.38	41.74
64	64	103	G1_D	-12.69	72.47	-24.29
64	64	115	G1_D	48.43	156.62	-117.23
64	64	40	G2_D	-5.9	-4.69	23.41
64	64	43	G2_D	-7.55	-4.65	11.94
64	64	103	G2_D	-11.78	-15.84	7.1
64	64	115	G2_D	-10.07	-16.93	18.57
64	64	40	Q_D	12.03	53.65	-37.11
64	64	43	Q_D	-35.03	-3.68	31.67
64	64	103	Q_D	-9.18	59.66	-17.43
64	64	115	Q_D	37.33	122.67	-86.21
64	64	40	N_D	1.44	6.44	-4.45
64	64	43	N_D	-4.2	-0.44	3.8
64	64	103	N_D	-1.1	7.16	-2.09
64	64	115	N_D	4.48	14.72	-10.35
64	64	40	T+_D	0.	0.	0.
64	64	43	T+_D	0.	0.	0.
64	64	103	T+_D	0.	0.	0.
64	64	115	T+_D	0.	0.	0.
64	64	40	T-_D	0.	0.	0.
64	64	43	T-_D	0.	0.	0.
64	64	103	T-_D	0.	0.	0.
64	64	115	T-_D	0.	0.	0.
64	64	40	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
64	64	43	W+_K	0.	0.	0.
64	64	103	W+_K	0.	0.	0.
64	64	115	W+_K	0.	0.	0.
64	64	40	W-_K	0.	0.	0.
64	64	43	W-_K	0.	0.	0.
64	64	103	W-_K	0.	0.	0.
64	64	115	W-_K	0.	0.	0.
64	64	40	W+_D	0.	0.	0.
64	64	43	W+_D	0.	0.	0.
64	64	103	W+_D	0.	0.	0.
64	64	115	W+_D	0.	0.	0.
64	64	40	W-_D	0.	0.	0.
64	64	43	W-_D	0.	0.	0.
64	64	103	W-_D	0.	0.	0.
64	64	115	W-_D	0.	0.	0.
64	64	40	SISMA SLV X	6.81	8.46	14.56
64	64	43	SISMA SLV X	15.85	6.91	19.32
64	64	103	SISMA SLV X	13.56	7.02	10.12
64	64	115	SISMA SLV X	10.58	16.18	13.69
64	64	40	SISMA SLV Y	13.74	6.37	17.71
64	64	43	SISMA SLV Y	8.62	3.38	11.45
64	64	103	SISMA SLV Y	6.54	5.	7.37
64	64	115	SISMA SLV Y	20.78	7.25	16.11
64	64	40	SISMA SLD X	3.32	4.13	7.11
64	64	43	SISMA SLD X	7.74	3.37	9.44
64	64	103	SISMA SLD X	6.62	3.43	4.94
64	64	115	SISMA SLD X	5.17	7.9	6.68
64	64	40	SISMA SLD Y	6.71	3.11	8.65
64	64	43	SISMA SLD Y	4.21	1.65	5.59
64	64	103	SISMA SLD Y	3.19	2.44	3.6
64	64	115	SISMA SLD Y	10.15	3.54	7.87
64	64	40	SISMA SLO X	2.75	3.42	5.89
64	64	43	SISMA SLO X	6.41	2.79	7.82
64	64	103	SISMA SLO X	5.49	2.84	4.09
64	64	115	SISMA SLO X	4.28	6.55	5.54
64	64	40	SISMA SLO Y	5.56	2.57	7.17
64	64	43	SISMA SLO Y	3.49	1.37	4.63
64	64	103	SISMA SLO Y	2.65	2.02	2.98
64	64	115	SISMA SLO Y	8.4	2.93	6.52
64	64	40	SLT	0.	0.	0.
64	64	43	SLT	0.	0.	0.
64	64	103	SLT	0.	0.	0.
64	64	115	SLT	0.	0.	0.
64	64	40	~TorsionSISMA SLV X	0.	0.	0.
64	64	43	~TorsionSISMA SLV X	0.	0.	0.
64	64	103	~TorsionSISMA SLV X	0.	0.	0.
64	64	115	~TorsionSISMA SLV X	0.	0.	0.
64	64	40	~TorsionSISMA SLV Y	0.	0.	0.
64	64	43	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
64	64	103	~TorsionSISMA SLV Y	0.	0.	0.
64	64	115	~TorsionSISMA SLV Y	0.	0.	0.
64	64	40	~TorsionSISMA SLD X	0.	0.	0.
64	64	43	~TorsionSISMA SLD X	0.	0.	0.
64	64	103	~TorsionSISMA SLD X	0.	0.	0.
64	64	115	~TorsionSISMA SLD X	0.	0.	0.
64	64	40	~TorsionSISMA SLD Y	0.	0.	0.
64	64	43	~TorsionSISMA SLD Y	0.	0.	0.
64	64	103	~TorsionSISMA SLD Y	0.	0.	0.
64	64	115	~TorsionSISMA SLD Y	0.	0.	0.
64	64	40	~TorsionSISMA SLO X	0.	0.	0.
64	64	43	~TorsionSISMA SLO X	0.	0.	0.
64	64	103	~TorsionSISMA SLO X	0.	0.	0.
64	64	115	~TorsionSISMA SLO X	0.	0.	0.
64	64	40	~TorsionSISMA SLO Y	0.	0.	0.
64	64	43	~TorsionSISMA SLO Y	0.	0.	0.
64	64	103	~TorsionSISMA SLO Y	0.	0.	0.
64	64	115	~TorsionSISMA SLO Y	0.	0.	0.
65	65	99	G1_K	-22.84	-116.22	-2.66
65	65	150	G1_K	-22.27	-109.33	-4.61
65	65	44	G1_K	-9.94	-88.58	-12.12
65	65	41	G1_K	-10.66	-94.19	-10.17
65	65	99	G2_K	-15.5	-94.44	-0.94
65	65	150	G2_K	-14.65	-56.29	1.36
65	65	44	G2_K	-3.84	-20.56	7.47
65	65	41	G2_K	-4.69	-57.32	5.17
65	65	99	Q_K	-5.24	-21.6	1.65
65	65	150	Q_K	-3.39	-21.54	-2.05
65	65	44	Q_K	-2.67	-17.14	-5.92
65	65	41	Q_K	-4.66	-16.55	-2.23
65	65	99	N_K	-0.63	-2.59	0.2
65	65	150	N_K	-0.41	-2.58	-0.25
65	65	44	N_K	-0.32	-2.06	-0.71
65	65	41	N_K	-0.56	-1.99	-0.27
65	65	99	T+_K	0.	0.	0.
65	65	150	T+_K	0.	0.	0.
65	65	44	T+_K	0.	0.	0.
65	65	41	T+_K	0.	0.	0.
65	65	99	T-_K	0.	0.	0.
65	65	150	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
65	65	44	T-_K	0.	0.	0.
65	65	41	T-_K	0.	0.	0.
65	65	99	G1_D	-29.69	-151.08	-3.46
65	65	150	G1_D	-28.95	-142.12	-5.99
65	65	44	G1_D	-12.93	-115.15	-15.76
65	65	41	G1_D	-13.86	-122.45	-13.22
65	65	99	G2_D	-20.15	-122.77	-1.23
65	65	150	G2_D	-19.04	-73.18	1.76
65	65	44	G2_D	-4.99	-26.73	9.7
65	65	41	G2_D	-6.09	-74.52	6.72
65	65	99	Q_D	-7.86	-32.4	2.47
65	65	150	Q_D	-5.08	-32.31	-3.07
65	65	44	Q_D	-4.	-25.71	-8.89
65	65	41	Q_D	-6.99	-24.83	-3.34
65	65	99	N_D	-0.94	-3.89	0.3
65	65	150	N_D	-0.61	-3.88	-0.37
65	65	44	N_D	-0.48	-3.09	-1.07
65	65	41	N_D	-0.84	-2.98	-0.4
65	65	99	T+_D	0.	0.	0.
65	65	150	T+_D	0.	0.	0.
65	65	44	T+_D	0.	0.	0.
65	65	41	T+_D	0.	0.	0.
65	65	99	T-_D	0.	0.	0.
65	65	150	T-_D	0.	0.	0.
65	65	44	T-_D	0.	0.	0.
65	65	41	T-_D	0.	0.	0.
65	65	99	W+_K	0.	0.	0.
65	65	150	W+_K	0.	0.	0.
65	65	44	W+_K	0.	0.	0.
65	65	41	W+_K	0.	0.	0.
65	65	99	W-_K	0.	0.	0.
65	65	150	W-_K	0.	0.	0.
65	65	44	W-_K	0.	0.	0.
65	65	41	W-_K	0.	0.	0.
65	65	99	W+_D	0.	0.	0.
65	65	150	W+_D	0.	0.	0.
65	65	44	W+_D	0.	0.	0.
65	65	41	W+_D	0.	0.	0.
65	65	99	W-_D	0.	0.	0.
65	65	150	W-_D	0.	0.	0.
65	65	44	W-_D	0.	0.	0.
65	65	41	W-_D	0.	0.	0.
65	65	99	SISMA SLV X	18.29	87.18	4.29
65	65	150	SISMA SLV X	13.63	72.38	8.22
65	65	44	SISMA SLV X	4.68	33.6	15.1
65	65	41	SISMA SLV X	9.78	50.68	10.23
65	65	99	SISMA SLV Y	13.9	67.15	7.71
65	65	150	SISMA SLV Y	6.4	34.27	18.15
65	65	44	SISMA SLV Y	4.33	21.34	33.41
65	65	41	SISMA SLV Y	13.7	62.08	22.68
65	65	99	SISMA SLD X	8.93	42.58	2.1
65	65	150	SISMA SLD X	6.66	35.35	4.01
65	65	44	SISMA SLD X	2.29	16.41	7.38
65	65	41	SISMA SLD X	4.78	24.75	5.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
65	65	99	SISMA SLD Y	6.79	32.8	3.76
65	65	150	SISMA SLD Y	3.13	16.74	8.86
65	65	44	SISMA SLD Y	2.12	10.42	16.32
65	65	41	SISMA SLD Y	6.69	30.32	11.07
65	65	99	SISMA SLO X	7.4	35.27	1.74
65	65	150	SISMA SLO X	5.51	29.28	3.32
65	65	44	SISMA SLO X	1.89	13.59	6.11
65	65	41	SISMA SLO X	3.96	20.5	4.14
65	65	99	SISMA SLO Y	5.62	27.16	3.11
65	65	150	SISMA SLO Y	2.59	13.86	7.34
65	65	44	SISMA SLO Y	1.75	8.63	13.51
65	65	41	SISMA SLO Y	5.54	25.11	9.17
65	65	99	SLT	0.	0.	0.
65	65	150	SLT	0.	0.	0.
65	65	44	SLT	0.	0.	0.
65	65	41	SLT	0.	0.	0.
65	65	99	~TorsionSISMA SLV X	0.	0.	0.
65	65	150	~TorsionSISMA SLV X	0.	0.	0.
65	65	44	~TorsionSISMA SLV X	0.	0.	0.
65	65	41	~TorsionSISMA SLV X	0.	0.	0.
65	65	99	~TorsionSISMA SLV Y	0.	0.	0.
65	65	150	~TorsionSISMA SLV Y	0.	0.	0.
65	65	44	~TorsionSISMA SLV Y	0.	0.	0.
65	65	41	~TorsionSISMA SLV Y	0.	0.	0.
65	65	99	~TorsionSISMA SLD X	0.	0.	0.
65	65	150	~TorsionSISMA SLD X	0.	0.	0.
65	65	44	~TorsionSISMA SLD X	0.	0.	0.
65	65	41	~TorsionSISMA SLD X	0.	0.	0.
65	65	99	~TorsionSISMA SLD Y	0.	0.	0.
65	65	150	~TorsionSISMA SLD Y	0.	0.	0.
65	65	44	~TorsionSISMA SLD Y	0.	0.	0.
65	65	41	~TorsionSISMA SLD Y	0.	0.	0.
65	65	99	~TorsionSISMA SLO X	0.	0.	0.
65	65	150	~TorsionSISMA SLO X	0.	0.	0.
65	65	44	~TorsionSISMA SLO X	0.	0.	0.
65	65	41	~TorsionSISMA SLO X	0.	0.	0.
65	65	99	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
65	65	150	~TorsionSISMA SLO Y	0.	0.	0.
65	65	44	~TorsionSISMA SLO Y	0.	0.	0.
65	65	41	~TorsionSISMA SLO Y	0.	0.	0.
66	66	41	G1_K	-8.85	-67.73	3.32
66	66	44	G1_K	-4.97	-81.16	-15.77
66	66	151	G1_K	-8.81	-81.84	-17.9
66	66	152	G1_K	-12.93	-68.34	1.18
66	66	41	G2_K	0.81	-41.24	6.18
66	66	44	G2_K	-8.89	-34.42	8.1
66	66	151	G2_K	-5.15	-21.11	4.97
66	66	152	G2_K	4.37	-26.93	3.05
66	66	41	Q_K	-6.94	-13.28	2.73
66	66	44	Q_K	0.42	-16.36	-8.85
66	66	151	Q_K	-2.86	-16.69	-10.85
66	66	152	Q_K	-10.35	-13.58	0.73
66	66	41	N_K	-0.83	-1.59	0.33
66	66	44	N_K	5.047E-02	-1.96	-1.06
66	66	151	N_K	-0.34	-2.	-1.3
66	66	152	N_K	-1.24	-1.63	8.795E-02
66	66	41	T+_K	0.	0.	0.
66	66	44	T+_K	0.	0.	0.
66	66	151	T+_K	0.	0.	0.
66	66	152	T+_K	0.	0.	0.
66	66	41	T-_K	0.	0.	0.
66	66	44	T-_K	0.	0.	0.
66	66	151	T-_K	0.	0.	0.
66	66	152	T-_K	0.	0.	0.
66	66	41	G1_D	-11.51	-88.04	4.31
66	66	44	G1_D	-6.47	-105.5	-20.5
66	66	151	G1_D	-11.45	-106.4	-23.27
66	66	152	G1_D	-16.81	-88.84	1.54
66	66	41	G2_D	1.06	-53.61	8.04
66	66	44	G2_D	-11.56	-44.74	10.53
66	66	151	G2_D	-6.7	-27.44	6.46
66	66	152	G2_D	5.68	-35.01	3.97
66	66	41	Q_D	-10.41	-19.92	4.1
66	66	44	Q_D	0.63	-24.53	-13.28
66	66	151	Q_D	-4.28	-25.04	-16.27
66	66	152	Q_D	-15.52	-20.37	1.1
66	66	41	N_D	-1.25	-2.39	0.49
66	66	44	N_D	7.570E-02	-2.94	-1.59
66	66	151	N_D	-0.51	-3.	-1.95
66	66	152	N_D	-1.86	-2.44	0.13
66	66	41	T+_D	0.	0.	0.
66	66	44	T+_D	0.	0.	0.
66	66	151	T+_D	0.	0.	0.
66	66	152	T+_D	0.	0.	0.
66	66	41	T-_D	0.	0.	0.
66	66	44	T-_D	0.	0.	0.
66	66	151	T-_D	0.	0.	0.
66	66	152	T-_D	0.	0.	0.
66	66	41	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
66	66	44	W+_K	0.	0.	0.
66	66	151	W+_K	0.	0.	0.
66	66	152	W+_K	0.	0.	0.
66	66	41	W-_K	0.	0.	0.
66	66	44	W-_K	0.	0.	0.
66	66	151	W-_K	0.	0.	0.
66	66	152	W-_K	0.	0.	0.
66	66	41	W+_D	0.	0.	0.
66	66	44	W+_D	0.	0.	0.
66	66	151	W+_D	0.	0.	0.
66	66	152	W+_D	0.	0.	0.
66	66	41	W-_D	0.	0.	0.
66	66	44	W-_D	0.	0.	0.
66	66	151	W-_D	0.	0.	0.
66	66	152	W-_D	0.	0.	0.
66	66	41	SISMA SLV X	12.92	45.63	4.97
66	66	44	SISMA SLV X	2.98	33.72	15.06
66	66	151	SISMA SLV X	4.93	17.81	14.57
66	66	152	SISMA SLV X	12.55	30.46	3.72
66	66	41	SISMA SLV Y	11.97	40.98	9.92
66	66	44	SISMA SLV Y	1.96	19.83	32.5
66	66	151	SISMA SLV Y	6.16	22.05	29.39
66	66	152	SISMA SLV Y	15.92	44.91	6.52
66	66	41	SISMA SLD X	6.31	22.29	2.43
66	66	44	SISMA SLD X	1.46	16.47	7.36
66	66	151	SISMA SLD X	2.41	8.7	7.12
66	66	152	SISMA SLD X	6.13	14.88	1.82
66	66	41	SISMA SLD Y	5.84	20.02	4.85
66	66	44	SISMA SLD Y	0.96	9.68	15.87
66	66	151	SISMA SLD Y	3.01	10.77	14.35
66	66	152	SISMA SLD Y	7.78	21.94	3.18
66	66	41	SISMA SLO X	5.23	18.46	2.01
66	66	44	SISMA SLO X	1.2	13.64	6.09
66	66	151	SISMA SLO X	1.99	7.2	5.89
66	66	152	SISMA SLO X	5.08	12.32	1.5
66	66	41	SISMA SLO Y	4.84	16.58	4.01
66	66	44	SISMA SLO Y	0.79	8.02	13.15
66	66	151	SISMA SLO Y	2.49	8.92	11.89
66	66	152	SISMA SLO Y	6.44	18.17	2.64
66	66	41	SLT	0.	0.	0.
66	66	44	SLT	0.	0.	0.
66	66	151	SLT	0.	0.	0.
66	66	152	SLT	0.	0.	0.
66	66	41	~TorsionSISMA SLV X	0.	0.	0.
66	66	44	~TorsionSISMA SLV X	0.	0.	0.
66	66	151	~TorsionSISMA SLV X	0.	0.	0.
66	66	152	~TorsionSISMA SLV X	0.	0.	0.
66	66	41	~TorsionSISMA SLV Y	0.	0.	0.
66	66	44	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
66	66	151	~TorsionSISMA SLV Y	0.	0.	0.
66	66	152	~TorsionSISMA SLV Y	0.	0.	0.
66	66	41	~TorsionSISMA SLD X	0.	0.	0.
66	66	44	~TorsionSISMA SLD X	0.	0.	0.
66	66	151	~TorsionSISMA SLD X	0.	0.	0.
66	66	152	~TorsionSISMA SLD X	0.	0.	0.
66	66	41	~TorsionSISMA SLD Y	0.	0.	0.
66	66	44	~TorsionSISMA SLD Y	0.	0.	0.
66	66	151	~TorsionSISMA SLD Y	0.	0.	0.
66	66	152	~TorsionSISMA SLD Y	0.	0.	0.
66	66	41	~TorsionSISMA SLO X	0.	0.	0.
66	66	44	~TorsionSISMA SLO X	0.	0.	0.
66	66	151	~TorsionSISMA SLO X	0.	0.	0.
66	66	152	~TorsionSISMA SLO X	0.	0.	0.
66	66	41	~TorsionSISMA SLO Y	0.	0.	0.
66	66	44	~TorsionSISMA SLO Y	0.	0.	0.
66	66	151	~TorsionSISMA SLO Y	0.	0.	0.
66	66	152	~TorsionSISMA SLO Y	0.	0.	0.
67	67	152	G1_K	-17.28	-51.26	3.02
67	67	151	G1_K	0.96	-71.8	-19.97
67	67	45	G1_K	-10.24	-71.36	-23.14
67	67	42	G1_K	-28.89	-49.47	-0.14
67	67	152	G2_K	2.33	-31.04	5.29
67	67	151	G2_K	-4.36	-23.2	5.11
67	67	45	G2_K	-2.73	-12.13	5.45
67	67	42	G2_K	3.8	-19.04	5.63
67	67	152	Q_K	-13.87	-9.24	1.7
67	67	151	Q_K	1.17	-18.51	-12.47
67	67	45	Q_K	-4.39	-17.56	-14.92
67	67	42	Q_K	-19.67	-7.47	-0.75
67	67	152	N_K	-1.66	-1.11	0.2
67	67	151	N_K	0.14	-2.22	-1.5
67	67	45	N_K	-0.53	-2.11	-1.79
67	67	42	N_K	-2.36	-0.9	-8.952E-02
67	67	152	T+_K	0.	0.	0.
67	67	151	T+_K	0.	0.	0.
67	67	45	T+_K	0.	0.	0.
67	67	42	T+_K	0.	0.	0.
67	67	152	T-_K	0.	0.	0.
67	67	151	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
67	67	45	T-_K	0.	0.	0.
67	67	42	T-_K	0.	0.	0.
67	67	152	G1_D	-22.46	-66.63	3.93
67	67	151	G1_D	1.25	-93.34	-25.96
67	67	45	G1_D	-13.31	-92.76	-30.08
67	67	42	G1_D	-37.56	-64.32	-0.19
67	67	152	G2_D	3.03	-40.36	6.88
67	67	151	G2_D	-5.67	-30.16	6.64
67	67	45	G2_D	-3.54	-15.77	7.08
67	67	42	G2_D	4.94	-24.75	7.32
67	67	152	Q_D	-20.8	-13.85	2.55
67	67	151	Q_D	1.75	-27.77	-18.7
67	67	45	Q_D	-6.58	-26.34	-22.37
67	67	42	Q_D	-29.51	-11.2	-1.12
67	67	152	N_D	-2.5	-1.66	0.31
67	67	151	N_D	0.21	-3.33	-2.24
67	67	45	N_D	-0.79	-3.16	-2.68
67	67	42	N_D	-3.54	-1.34	-0.13
67	67	152	T+_D	0.	0.	0.
67	67	151	T+_D	0.	0.	0.
67	67	45	T+_D	0.	0.	0.
67	67	42	T+_D	0.	0.	0.
67	67	152	T-_D	0.	0.	0.
67	67	151	T-_D	0.	0.	0.
67	67	45	T-_D	0.	0.	0.
67	67	42	T-_D	0.	0.	0.
67	67	152	W+_K	0.	0.	0.
67	67	151	W+_K	0.	0.	0.
67	67	45	W+_K	0.	0.	0.
67	67	42	W+_K	0.	0.	0.
67	67	152	W-_K	0.	0.	0.
67	67	151	W-_K	0.	0.	0.
67	67	45	W-_K	0.	0.	0.
67	67	42	W-_K	0.	0.	0.
67	67	152	W+_D	0.	0.	0.
67	67	151	W+_D	0.	0.	0.
67	67	45	W+_D	0.	0.	0.
67	67	42	W+_D	0.	0.	0.
67	67	152	W-_D	0.	0.	0.
67	67	151	W-_D	0.	0.	0.
67	67	45	W-_D	0.	0.	0.
67	67	42	W-_D	0.	0.	0.
67	67	152	SISMA SLV X	19.9	33.91	3.45
67	67	151	SISMA SLV X	10.31	13.24	14.25
67	67	45	SISMA SLV X	11.87	12.1	13.11
67	67	42	SISMA SLV X	21.16	22.3	5.01
67	67	152	SISMA SLV Y	16.79	29.78	6.83
67	67	151	SISMA SLV Y	4.91	14.8	29.29
67	67	45	SISMA SLV Y	10.43	22.63	28.2
67	67	42	SISMA SLV Y	23.62	35.35	6.06
67	67	152	SISMA SLD X	9.72	16.56	1.68
67	67	151	SISMA SLD X	5.04	6.47	6.96
67	67	45	SISMA SLD X	5.8	5.91	6.4
67	67	42	SISMA SLD X	10.33	10.89	2.45

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
67	67	152	SISMA SLD Y	8.2	14.54	3.34
67	67	151	SISMA SLD Y	2.4	7.23	14.31
67	67	45	SISMA SLD Y	5.09	11.05	13.77
67	67	42	SISMA SLD Y	11.54	17.26	2.96
67	67	152	SISMA SLO X	8.05	13.72	1.39
67	67	151	SISMA SLO X	4.17	5.35	5.76
67	67	45	SISMA SLO X	4.8	4.89	5.3
67	67	42	SISMA SLO X	8.56	9.02	2.03
67	67	152	SISMA SLO Y	6.79	12.04	2.76
67	67	151	SISMA SLO Y	1.98	5.98	11.85
67	67	45	SISMA SLO Y	4.22	9.15	11.41
67	67	42	SISMA SLO Y	9.56	14.3	2.45
67	67	152	SLT	0.	0.	0.
67	67	151	SLT	0.	0.	0.
67	67	45	SLT	0.	0.	0.
67	67	42	SLT	0.	0.	0.
67	67	152	~TorsionSISMA SLV X	0.	0.	0.
67	67	151	~TorsionSISMA SLV X	0.	0.	0.
67	67	45	~TorsionSISMA SLV X	0.	0.	0.
67	67	42	~TorsionSISMA SLV X	0.	0.	0.
67	67	152	~TorsionSISMA SLV Y	0.	0.	0.
67	67	151	~TorsionSISMA SLV Y	0.	0.	0.
67	67	45	~TorsionSISMA SLV Y	0.	0.	0.
67	67	42	~TorsionSISMA SLV Y	0.	0.	0.
67	67	152	~TorsionSISMA SLD X	0.	0.	0.
67	67	151	~TorsionSISMA SLD X	0.	0.	0.
67	67	45	~TorsionSISMA SLD X	0.	0.	0.
67	67	42	~TorsionSISMA SLD X	0.	0.	0.
67	67	152	~TorsionSISMA SLD Y	0.	0.	0.
67	67	151	~TorsionSISMA SLD Y	0.	0.	0.
67	67	45	~TorsionSISMA SLD Y	0.	0.	0.
67	67	42	~TorsionSISMA SLD Y	0.	0.	0.
67	67	152	~TorsionSISMA SLO X	0.	0.	0.
67	67	151	~TorsionSISMA SLO X	0.	0.	0.
67	67	45	~TorsionSISMA SLO X	0.	0.	0.
67	67	42	~TorsionSISMA SLO X	0.	0.	0.
67	67	152	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
67	67	151	~TorsionSISMA SLO Y	0.	0.	0.
67	67	45	~TorsionSISMA SLO Y	0.	0.	0.
67	67	42	~TorsionSISMA SLO Y	0.	0.	0.
68	68	42	G1_K	-33.64	-39.49	-4.62
68	68	45	G1_K	0.32	-52.3	-23.19
68	68	153	G1_K	-6.26	-40.24	-18.12
68	68	154	G1_K	-40.29	-28.34	0.46
68	68	42	G2_K	2.13	-20.26	6.17
68	68	45	G2_K	-1.97	-15.47	6.03
68	68	153	G2_K	0.77	-7.05	5.24
68	68	154	G2_K	4.68	-10.76	5.38
68	68	42	Q_K	-23.88	-8.94	-3.54
68	68	45	Q_K	0.21	-14.12	-15.13
68	68	153	Q_K	-2.4	-5.45	-11.92
68	68	154	Q_K	-26.53	-0.85	-0.33
68	68	42	N_K	-2.87	-1.07	-0.43
68	68	45	N_K	2.557E-02	-1.69	-1.82
68	68	153	N_K	-0.29	-0.65	-1.43
68	68	154	N_K	-3.18	-0.1	-4.002E-02
68	68	42	T+_K	0.	0.	0.
68	68	45	T+_K	0.	0.	0.
68	68	153	T+_K	0.	0.	0.
68	68	154	T+_K	0.	0.	0.
68	68	42	T-_K	0.	0.	0.
68	68	45	T-_K	0.	0.	0.
68	68	153	T-_K	0.	0.	0.
68	68	154	T-_K	0.	0.	0.
68	68	42	G1_D	-43.73	-51.33	-6.
68	68	45	G1_D	0.41	-67.99	-30.15
68	68	153	G1_D	-8.14	-52.31	-23.55
68	68	154	G1_D	-52.37	-36.84	0.59
68	68	42	G2_D	2.77	-26.34	8.02
68	68	45	G2_D	-2.57	-20.12	7.83
68	68	153	G2_D	1.	-9.17	6.81
68	68	154	G2_D	6.08	-13.99	7.
68	68	42	Q_D	-35.82	-13.4	-5.32
68	68	45	Q_D	0.32	-21.18	-22.69
68	68	153	Q_D	-3.6	-8.17	-17.88
68	68	154	Q_D	-39.79	-1.27	-0.5
68	68	42	N_D	-4.3	-1.61	-0.64
68	68	45	N_D	3.836E-02	-2.54	-2.72
68	68	153	N_D	-0.43	-0.98	-2.15
68	68	154	N_D	-4.77	-0.15	-6.003E-02
68	68	42	T+_D	0.	0.	0.
68	68	45	T+_D	0.	0.	0.
68	68	153	T+_D	0.	0.	0.
68	68	154	T+_D	0.	0.	0.
68	68	42	T-_D	0.	0.	0.
68	68	45	T-_D	0.	0.	0.
68	68	153	T-_D	0.	0.	0.
68	68	154	T-_D	0.	0.	0.
68	68	42	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
68	68	45	W+_K	0.	0.	0.
68	68	153	W+_K	0.	0.	0.
68	68	154	W+_K	0.	0.	0.
68	68	42	W-_K	0.	0.	0.
68	68	45	W-_K	0.	0.	0.
68	68	153	W-_K	0.	0.	0.
68	68	154	W-_K	0.	0.	0.
68	68	42	W+_D	0.	0.	0.
68	68	45	W+_D	0.	0.	0.
68	68	153	W+_D	0.	0.	0.
68	68	154	W+_D	0.	0.	0.
68	68	42	W-_D	0.	0.	0.
68	68	45	W-_D	0.	0.	0.
68	68	153	W-_D	0.	0.	0.
68	68	154	W-_D	0.	0.	0.
68	68	42	SISMA SLV X	25.54	23.88	6.26
68	68	45	SISMA SLV X	14.92	9.44	10.52
68	68	153	SISMA SLV X	17.21	19.62	12.84
68	68	154	SISMA SLV X	24.	15.26	11.5
68	68	42	SISMA SLV Y	23.99	21.71	12.4
68	68	45	SISMA SLV Y	8.23	13.77	22.
68	68	153	SISMA SLV Y	9.79	21.79	20.95
68	68	154	SISMA SLV Y	24.79	26.56	11.86
68	68	42	SISMA SLD X	12.47	11.66	3.06
68	68	45	SISMA SLD X	7.29	4.61	5.14
68	68	153	SISMA SLD X	8.41	9.58	6.27
68	68	154	SISMA SLD X	11.72	7.45	5.61
68	68	42	SISMA SLD Y	11.71	10.6	6.06
68	68	45	SISMA SLD Y	4.02	6.72	10.74
68	68	153	SISMA SLD Y	4.78	10.64	10.23
68	68	154	SISMA SLD Y	12.11	12.97	5.79
68	68	42	SISMA SLO X	10.33	9.66	2.53
68	68	45	SISMA SLO X	6.03	3.81	4.25
68	68	153	SISMA SLO X	6.96	7.94	5.19
68	68	154	SISMA SLO X	9.71	6.17	4.65
68	68	42	SISMA SLO Y	9.7	8.78	5.02
68	68	45	SISMA SLO Y	3.33	5.57	8.9
68	68	153	SISMA SLO Y	3.96	8.81	8.47
68	68	154	SISMA SLO Y	10.03	10.74	4.8
68	68	42	SLT	0.	0.	0.
68	68	45	SLT	0.	0.	0.
68	68	153	SLT	0.	0.	0.
68	68	154	SLT	0.	0.	0.
68	68	42	~TorsionSISMA SLV X	0.	0.	0.
68	68	45	~TorsionSISMA SLV X	0.	0.	0.
68	68	153	~TorsionSISMA SLV X	0.	0.	0.
68	68	154	~TorsionSISMA SLV X	0.	0.	0.
68	68	42	~TorsionSISMA SLV Y	0.	0.	0.
68	68	45	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
68	68	153	~TorsionSISMA SLV Y	0.	0.	0.
68	68	154	~TorsionSISMA SLV Y	0.	0.	0.
68	68	42	~TorsionSISMA SLD X	0.	0.	0.
68	68	45	~TorsionSISMA SLD X	0.	0.	0.
68	68	153	~TorsionSISMA SLD X	0.	0.	0.
68	68	154	~TorsionSISMA SLD X	0.	0.	0.
68	68	42	~TorsionSISMA SLD Y	0.	0.	0.
68	68	45	~TorsionSISMA SLD Y	0.	0.	0.
68	68	153	~TorsionSISMA SLD Y	0.	0.	0.
68	68	154	~TorsionSISMA SLD Y	0.	0.	0.
68	68	42	~TorsionSISMA SLO X	0.	0.	0.
68	68	45	~TorsionSISMA SLO X	0.	0.	0.
68	68	153	~TorsionSISMA SLO X	0.	0.	0.
68	68	154	~TorsionSISMA SLO X	0.	0.	0.
68	68	42	~TorsionSISMA SLO Y	0.	0.	0.
68	68	45	~TorsionSISMA SLO Y	0.	0.	0.
68	68	153	~TorsionSISMA SLO Y	0.	0.	0.
68	68	154	~TorsionSISMA SLO Y	0.	0.	0.
69	69	154	G1_K	-40.53	-14.79	-18.74
69	69	153	G1_K	-1.9	-33.17	-8.2
69	69	46	G1_K	3.5	3.87	7.22
69	69	43	G1_K	-35.1	22.05	-3.32
69	69	154	G2_K	2.64	-12.36	6.94
69	69	153	G2_K	2.28	-8.07	3.8
69	69	46	G2_K	4.74	-0.75	1.24
69	69	43	G2_K	4.93	-4.28	4.38
69	69	154	Q_K	-27.89	0.35	-12.52
69	69	153	Q_K	-1.7	-9.95	-5.6
69	69	46	Q_K	3.58	14.8	4.21
69	69	43	Q_K	-22.58	24.98	-2.71
69	69	154	N_K	-3.35	4.260E-02	-1.5
69	69	153	N_K	-0.2	-1.19	-0.67
69	69	46	N_K	0.43	1.78	0.5
69	69	43	N_K	-2.71	3.	-0.33
69	69	154	T+_K	0.	0.	0.
69	69	153	T+_K	0.	0.	0.
69	69	46	T+_K	0.	0.	0.
69	69	43	T+_K	0.	0.	0.
69	69	154	T-_K	0.	0.	0.
69	69	153	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
69	69	46	T-_K	0.	0.	0.
69	69	43	T-_K	0.	0.	0.
69	69	154	G1_D	-52.69	-19.22	-24.36
69	69	153	G1_D	-2.47	-43.12	-10.66
69	69	46	G1_D	4.55	5.03	9.38
69	69	43	G1_D	-45.62	28.67	-4.31
69	69	154	G2_D	3.44	-16.07	9.02
69	69	153	G2_D	2.97	-10.49	4.94
69	69	46	G2_D	6.16	-0.98	1.61
69	69	43	G2_D	6.41	-5.56	5.7
69	69	154	Q_D	-41.84	0.53	-18.78
69	69	153	Q_D	-2.55	-14.93	-8.4
69	69	46	Q_D	5.37	22.2	6.31
69	69	43	Q_D	-33.87	37.48	-4.07
69	69	154	N_D	-5.02	6.389E-02	-2.25
69	69	153	N_D	-0.31	-1.79	-1.01
69	69	46	N_D	0.64	2.66	0.76
69	69	43	N_D	-4.06	4.5	-0.49
69	69	154	T+_D	0.	0.	0.
69	69	153	T+_D	0.	0.	0.
69	69	46	T+_D	0.	0.	0.
69	69	43	T+_D	0.	0.	0.
69	69	154	T-_D	0.	0.	0.
69	69	153	T-_D	0.	0.	0.
69	69	46	T-_D	0.	0.	0.
69	69	43	T-_D	0.	0.	0.
69	69	154	W+_K	0.	0.	0.
69	69	153	W+_K	0.	0.	0.
69	69	46	W+_K	0.	0.	0.
69	69	43	W+_K	0.	0.	0.
69	69	154	W-_K	0.	0.	0.
69	69	153	W-_K	0.	0.	0.
69	69	46	W-_K	0.	0.	0.
69	69	43	W-_K	0.	0.	0.
69	69	154	W+_D	0.	0.	0.
69	69	153	W+_D	0.	0.	0.
69	69	46	W+_D	0.	0.	0.
69	69	43	W+_D	0.	0.	0.
69	69	154	W-_D	0.	0.	0.
69	69	153	W-_D	0.	0.	0.
69	69	46	W-_D	0.	0.	0.
69	69	43	W-_D	0.	0.	0.
69	69	154	SISMA SLV X	23.17	13.19	10.09
69	69	153	SISMA SLV X	14.61	12.04	13.26
69	69	46	SISMA SLV X	21.03	20.29	17.77
69	69	43	SISMA SLV X	16.95	9.54	13.36
69	69	154	SISMA SLV Y	23.67	15.18	16.86
69	69	153	SISMA SLV Y	7.11	10.97	16.21
69	69	46	SISMA SLV Y	9.57	16.12	15.68
69	69	43	SISMA SLV Y	21.18	18.47	15.8
69	69	154	SISMA SLD X	11.32	6.44	4.93
69	69	153	SISMA SLD X	7.14	5.88	6.47
69	69	46	SISMA SLD X	10.27	9.91	8.68
69	69	43	SISMA SLD X	8.28	4.66	6.52

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
69	69	154	SISMA SLD Y	11.56	7.41	8.24
69	69	153	SISMA SLD Y	3.47	5.36	7.92
69	69	46	SISMA SLD Y	4.67	7.87	7.66
69	69	43	SISMA SLD Y	10.34	9.02	7.72
69	69	154	SISMA SLO X	9.37	5.33	4.08
69	69	153	SISMA SLO X	5.91	4.87	5.36
69	69	46	SISMA SLO X	8.51	8.21	7.19
69	69	43	SISMA SLO X	6.85	3.86	5.4
69	69	154	SISMA SLO Y	9.57	6.14	6.82
69	69	153	SISMA SLO Y	2.88	4.44	6.56
69	69	46	SISMA SLO Y	3.87	6.52	6.34
69	69	43	SISMA SLO Y	8.57	7.47	6.39
69	69	154	SLT	0.	0.	0.
69	69	153	SLT	0.	0.	0.
69	69	46	SLT	0.	0.	0.
69	69	43	SLT	0.	0.	0.
69	69	154	~TorsionSISMA SLV X	0.	0.	0.
69	69	153	~TorsionSISMA SLV X	0.	0.	0.
69	69	46	~TorsionSISMA SLV X	0.	0.	0.
69	69	43	~TorsionSISMA SLV X	0.	0.	0.
69	69	154	~TorsionSISMA SLV Y	0.	0.	0.
69	69	153	~TorsionSISMA SLV Y	0.	0.	0.
69	69	46	~TorsionSISMA SLV Y	0.	0.	0.
69	69	43	~TorsionSISMA SLV Y	0.	0.	0.
69	69	154	~TorsionSISMA SLD X	0.	0.	0.
69	69	153	~TorsionSISMA SLD X	0.	0.	0.
69	69	46	~TorsionSISMA SLD X	0.	0.	0.
69	69	43	~TorsionSISMA SLD X	0.	0.	0.
69	69	154	~TorsionSISMA SLD Y	0.	0.	0.
69	69	153	~TorsionSISMA SLD Y	0.	0.	0.
69	69	46	~TorsionSISMA SLD Y	0.	0.	0.
69	69	43	~TorsionSISMA SLD Y	0.	0.	0.
69	69	154	~TorsionSISMA SLO X	0.	0.	0.
69	69	153	~TorsionSISMA SLO X	0.	0.	0.
69	69	46	~TorsionSISMA SLO X	0.	0.	0.
69	69	43	~TorsionSISMA SLO X	0.	0.	0.
69	69	154	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
69	69	153	~TorsionSISMA SLO Y	0.	0.	0.
69	69	46	~TorsionSISMA SLO Y	0.	0.	0.
69	69	43	~TorsionSISMA SLO Y	0.	0.	0.
70	70	43	G1_K	-34.93	-5.14	-39.65
70	70	46	G1_K	3.49	31.87	36.13
70	70	113	G1_K	31.49	97.89	81.18
70	70	103	G1_K	-5.95	55.53	5.4
70	70	43	G2_K	2.81	-5.89	2.83
70	70	46	G2_K	6.59	-0.47	-0.8
70	70	113	G2_K	12.18	8.01	-1.17
70	70	103	G2_K	8.22	3.44	2.46
70	70	43	Q_K	-23.83	-0.2	-25.95
70	70	46	Q_K	1.66	24.11	22.72
70	70	113	Q_K	21.37	67.47	51.81
70	70	103	Q_K	-3.49	39.73	3.14
70	70	43	N_K	-2.86	-2.417E-02	-3.11
70	70	46	N_K	0.2	2.89	2.73
70	70	113	N_K	2.56	8.1	6.22
70	70	103	N_K	-0.42	4.77	0.38
70	70	43	T+_K	0.	0.	0.
70	70	46	T+_K	0.	0.	0.
70	70	113	T+_K	0.	0.	0.
70	70	103	T+_K	0.	0.	0.
70	70	43	T-_K	0.	0.	0.
70	70	46	T-_K	0.	0.	0.
70	70	113	T-_K	0.	0.	0.
70	70	103	T-_K	0.	0.	0.
70	70	43	G1_D	-45.41	-6.68	-51.55
70	70	46	G1_D	4.54	41.43	46.96
70	70	113	G1_D	40.94	127.26	105.54
70	70	103	G1_D	-7.73	72.18	7.02
70	70	43	G2_D	3.65	-7.66	3.67
70	70	46	G2_D	8.57	-0.61	-1.04
70	70	113	G2_D	15.84	10.41	-1.52
70	70	103	G2_D	10.69	4.48	3.19
70	70	43	Q_D	-35.75	-0.3	-38.92
70	70	46	Q_D	2.49	36.17	34.08
70	70	113	Q_D	32.05	101.2	77.72
70	70	103	Q_D	-5.24	59.59	4.71
70	70	43	N_D	-4.29	-3.625E-02	-4.67
70	70	46	N_D	0.3	4.34	4.09
70	70	113	N_D	3.85	12.14	9.33
70	70	103	N_D	-0.63	7.15	0.57
70	70	43	T+_D	0.	0.	0.
70	70	46	T+_D	0.	0.	0.
70	70	113	T+_D	0.	0.	0.
70	70	103	T+_D	0.	0.	0.
70	70	43	T-_D	0.	0.	0.
70	70	46	T-_D	0.	0.	0.
70	70	113	T-_D	0.	0.	0.
70	70	103	T-_D	0.	0.	0.
70	70	43	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
70	70	46	W+_K	0.	0.	0.
70	70	113	W+_K	0.	0.	0.
70	70	103	W+_K	0.	0.	0.
70	70	43	W-_K	0.	0.	0.
70	70	46	W-_K	0.	0.	0.
70	70	113	W-_K	0.	0.	0.
70	70	103	W-_K	0.	0.	0.
70	70	43	W+_D	0.	0.	0.
70	70	46	W+_D	0.	0.	0.
70	70	113	W+_D	0.	0.	0.
70	70	103	W+_D	0.	0.	0.
70	70	43	W-_D	0.	0.	0.
70	70	46	W-_D	0.	0.	0.
70	70	113	W-_D	0.	0.	0.
70	70	103	W-_D	0.	0.	0.
70	70	43	SISMA SLV X	11.21	4.37	11.74
70	70	46	SISMA SLV X	11.89	8.22	18.54
70	70	113	SISMA SLV X	21.3	15.12	20.44
70	70	103	SISMA SLV X	7.	8.21	8.22
70	70	43	SISMA SLV Y	17.56	8.88	19.84
70	70	46	SISMA SLV Y	5.42	3.75	13.19
70	70	113	SISMA SLV Y	10.43	7.02	9.56
70	70	103	SISMA SLV Y	13.67	8.33	12.06
70	70	43	SISMA SLD X	5.48	2.14	5.73
70	70	46	SISMA SLD X	5.81	4.02	9.06
70	70	113	SISMA SLD X	10.4	7.39	9.99
70	70	103	SISMA SLD X	3.42	4.01	4.02
70	70	43	SISMA SLD Y	8.58	4.34	9.69
70	70	46	SISMA SLD Y	2.65	1.83	6.44
70	70	113	SISMA SLD Y	5.09	3.43	4.67
70	70	103	SISMA SLD Y	6.68	4.07	5.89
70	70	43	SISMA SLO X	4.54	1.77	4.75
70	70	46	SISMA SLO X	4.81	3.33	7.5
70	70	113	SISMA SLO X	8.62	6.12	8.27
70	70	103	SISMA SLO X	2.83	3.32	3.33
70	70	43	SISMA SLO Y	7.1	3.59	8.02
70	70	46	SISMA SLO Y	2.19	1.52	5.34
70	70	113	SISMA SLO Y	4.22	2.84	3.87
70	70	103	SISMA SLO Y	5.53	3.37	4.88
70	70	43	SLT	0.	0.	0.
70	70	46	SLT	0.	0.	0.
70	70	113	SLT	0.	0.	0.
70	70	103	SLT	0.	0.	0.
70	70	43	~TorsionSISMA SLV X	0.	0.	0.
70	70	46	~TorsionSISMA SLV X	0.	0.	0.
70	70	113	~TorsionSISMA SLV X	0.	0.	0.
70	70	103	~TorsionSISMA SLV X	0.	0.	0.
70	70	43	~TorsionSISMA SLV Y	0.	0.	0.
70	70	46	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
70	70	113	~TorsionSISMA SLV Y	0.	0.	0.
70	70	103	~TorsionSISMA SLV Y	0.	0.	0.
70	70	43	~TorsionSISMA SLD X	0.	0.	0.
70	70	46	~TorsionSISMA SLD X	0.	0.	0.
70	70	113	~TorsionSISMA SLD X	0.	0.	0.
70	70	103	~TorsionSISMA SLD X	0.	0.	0.
70	70	43	~TorsionSISMA SLD Y	0.	0.	0.
70	70	46	~TorsionSISMA SLD Y	0.	0.	0.
70	70	113	~TorsionSISMA SLD Y	0.	0.	0.
70	70	103	~TorsionSISMA SLD Y	0.	0.	0.
70	70	43	~TorsionSISMA SLO X	0.	0.	0.
70	70	46	~TorsionSISMA SLO X	0.	0.	0.
70	70	113	~TorsionSISMA SLO X	0.	0.	0.
70	70	103	~TorsionSISMA SLO X	0.	0.	0.
70	70	43	~TorsionSISMA SLO Y	0.	0.	0.
70	70	46	~TorsionSISMA SLO Y	0.	0.	0.
70	70	113	~TorsionSISMA SLO Y	0.	0.	0.
70	70	103	~TorsionSISMA SLO Y	0.	0.	0.
71	71	150	G1_K	-22.7	-109.73	-4.35
71	71	155	G1_K	-23.15	-119.51	2.33
71	71	47	G1_K	-9.43	-97.8	-1.54
71	71	44	G1_K	-9.	-88.07	-8.21
71	71	150	G2_K	-9.14	-47.53	1.72
71	71	155	G2_K	-8.38	-40.07	-3.05
71	71	47	G2_K	-9.76	-22.83	-3.44
71	71	44	G2_K	-10.59	-29.57	1.33
71	71	150	Q_K	-5.6	-24.89	-1.9
71	71	155	Q_K	-5.66	-31.4	1.71
71	71	47	Q_K	0.77	-19.87	-0.95
71	71	44	Q_K	0.82	-13.53	-4.56
71	71	150	N_K	-0.67	-2.99	-0.23
71	71	155	N_K	-0.68	-3.77	0.21
71	71	47	N_K	9.257E-02	-2.38	-0.11
71	71	44	N_K	9.829E-02	-1.62	-0.55
71	71	150	T+_K	0.	0.	0.
71	71	155	T+_K	0.	0.	0.
71	71	47	T+_K	0.	0.	0.
71	71	44	T+_K	0.	0.	0.
71	71	150	T-_K	0.	0.	0.
71	71	155	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
71	71	47	T-_K	0.	0.	0.
71	71	44	T-_K	0.	0.	0.
71	71	150	G1_D	-29.5	-142.65	-5.65
71	71	155	G1_D	-30.1	-155.36	3.03
71	71	47	G1_D	-12.26	-127.14	-2.
71	71	44	G1_D	-11.7	-114.49	-10.68
71	71	150	G2_D	-11.88	-61.79	2.24
71	71	155	G2_D	-10.9	-52.09	-3.96
71	71	47	G2_D	-12.69	-29.68	-4.47
71	71	44	G2_D	-13.77	-38.44	1.73
71	71	150	Q_D	-8.4	-37.34	-2.84
71	71	155	Q_D	-8.49	-47.09	2.57
71	71	47	Q_D	1.16	-29.8	-1.43
71	71	44	Q_D	1.23	-20.3	-6.84
71	71	150	N_D	-1.01	-4.48	-0.34
71	71	155	N_D	-1.02	-5.65	0.31
71	71	47	N_D	0.14	-3.58	-0.17
71	71	44	N_D	0.15	-2.44	-0.82
71	71	150	T+_D	0.	0.	0.
71	71	155	T+_D	0.	0.	0.
71	71	47	T+_D	0.	0.	0.
71	71	44	T+_D	0.	0.	0.
71	71	150	T-_D	0.	0.	0.
71	71	155	T-_D	0.	0.	0.
71	71	47	T-_D	0.	0.	0.
71	71	44	T-_D	0.	0.	0.
71	71	150	W+_K	0.	0.	0.
71	71	155	W+_K	0.	0.	0.
71	71	47	W+_K	0.	0.	0.
71	71	44	W+_K	0.	0.	0.
71	71	150	W-_K	0.	0.	0.
71	71	155	W-_K	0.	0.	0.
71	71	47	W-_K	0.	0.	0.
71	71	44	W-_K	0.	0.	0.
71	71	150	W+_D	0.	0.	0.
71	71	155	W+_D	0.	0.	0.
71	71	47	W+_D	0.	0.	0.
71	71	44	W+_D	0.	0.	0.
71	71	150	W-_D	0.	0.	0.
71	71	155	W-_D	0.	0.	0.
71	71	47	W-_D	0.	0.	0.
71	71	44	W-_D	0.	0.	0.
71	71	150	SISMA SLV X	16.42	76.22	6.94
71	71	155	SISMA SLV X	15.37	82.55	7.95
71	71	47	SISMA SLV X	6.49	37.19	16.08
71	71	44	SISMA SLV X	8.	31.29	15.73
71	71	150	SISMA SLV Y	8.34	37.08	15.65
71	71	155	SISMA SLV Y	6.86	37.65	17.23
71	71	47	SISMA SLV Y	3.48	17.68	35.47
71	71	44	SISMA SLV Y	6.51	18.86	33.9
71	71	150	SISMA SLD X	8.02	37.23	3.39
71	71	155	SISMA SLD X	7.51	40.32	3.88
71	71	47	SISMA SLD X	3.17	18.17	7.85
71	71	44	SISMA SLD X	3.91	15.28	7.68

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
71	71	150	SISMA SLD Y	4.07	18.11	7.64
71	71	155	SISMA SLD Y	3.35	18.39	8.42
71	71	47	SISMA SLD Y	1.7	8.63	17.32
71	71	44	SISMA SLD Y	3.18	9.21	16.56
71	71	150	SISMA SLO X	6.64	30.84	2.81
71	71	155	SISMA SLO X	6.22	33.4	3.21
71	71	47	SISMA SLO X	2.62	15.04	6.5
71	71	44	SISMA SLO X	3.24	12.66	6.36
71	71	150	SISMA SLO Y	3.37	15.	6.33
71	71	155	SISMA SLO Y	2.78	15.23	6.97
71	71	47	SISMA SLO Y	1.41	7.15	14.34
71	71	44	SISMA SLO Y	2.63	7.63	13.71
71	71	150	SLT	0.	0.	0.
71	71	155	SLT	0.	0.	0.
71	71	47	SLT	0.	0.	0.
71	71	44	SLT	0.	0.	0.
71	71	150	~TorsionSISMA SLV X	0.	0.	0.
71	71	155	~TorsionSISMA SLV X	0.	0.	0.
71	71	47	~TorsionSISMA SLV X	0.	0.	0.
71	71	44	~TorsionSISMA SLV X	0.	0.	0.
71	71	150	~TorsionSISMA SLV Y	0.	0.	0.
71	71	155	~TorsionSISMA SLV Y	0.	0.	0.
71	71	47	~TorsionSISMA SLV Y	0.	0.	0.
71	71	44	~TorsionSISMA SLV Y	0.	0.	0.
71	71	150	~TorsionSISMA SLD X	0.	0.	0.
71	71	155	~TorsionSISMA SLD X	0.	0.	0.
71	71	47	~TorsionSISMA SLD X	0.	0.	0.
71	71	44	~TorsionSISMA SLD X	0.	0.	0.
71	71	150	~TorsionSISMA SLD Y	0.	0.	0.
71	71	155	~TorsionSISMA SLD Y	0.	0.	0.
71	71	47	~TorsionSISMA SLD Y	0.	0.	0.
71	71	44	~TorsionSISMA SLD Y	0.	0.	0.
71	71	150	~TorsionSISMA SLO X	0.	0.	0.
71	71	155	~TorsionSISMA SLO X	0.	0.	0.
71	71	47	~TorsionSISMA SLO X	0.	0.	0.
71	71	44	~TorsionSISMA SLO X	0.	0.	0.
71	71	150	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
71	71	155	~TorsionSISMA SLO Y	0.	0.	0.
71	71	47	~TorsionSISMA SLO Y	0.	0.	0.
71	71	44	~TorsionSISMA SLO Y	0.	0.	0.
72	72	44	G1_K	-11.23	-91.93	-10.69
72	72	47	G1_K	-9.45	-105.23	1.5
72	72	156	G1_K	9.09	-83.14	-3.97
72	72	151	G1_K	7.17	-69.12	-16.16
72	72	44	G2_K	-11.75	-36.78	1.14
72	72	47	G2_K	-12.02	-32.69	-2.69
72	72	156	G2_K	-8.57	-16.12	-4.73
72	72	151	G2_K	-8.33	-19.95	-0.91
72	72	44	Q_K	-1.93	-22.13	-6.71
72	72	47	Q_K	-0.14	-29.57	0.83
72	72	156	Q_K	9.8	-17.16	-2.02
72	72	151	Q_K	7.91	-9.24	-9.55
72	72	44	N_K	-0.23	-2.66	-0.8
72	72	47	N_K	-1.632E-02	-3.55	9.992E-02
72	72	156	N_K	1.18	-2.06	-0.24
72	72	151	N_K	0.95	-1.11	-1.15
72	72	44	T+_K	0.	0.	0.
72	72	47	T+_K	0.	0.	0.
72	72	156	T+_K	0.	0.	0.
72	72	151	T+_K	0.	0.	0.
72	72	44	T-_K	0.	0.	0.
72	72	47	T-_K	0.	0.	0.
72	72	156	T-_K	0.	0.	0.
72	72	151	T-_K	0.	0.	0.
72	72	44	G1_D	-14.6	-119.51	-13.89
72	72	47	G1_D	-12.29	-136.8	1.96
72	72	156	G1_D	11.81	-108.08	-5.16
72	72	151	G1_D	9.32	-89.86	-21.01
72	72	44	G2_D	-15.27	-47.81	1.48
72	72	47	G2_D	-15.62	-42.5	-3.49
72	72	156	G2_D	-11.15	-20.95	-6.15
72	72	151	G2_D	-10.83	-25.94	-1.18
72	72	44	Q_D	-2.9	-33.19	-10.06
72	72	47	Q_D	-0.2	-44.36	1.25
72	72	156	Q_D	14.7	-25.74	-3.02
72	72	151	Q_D	11.86	-13.86	-14.33
72	72	44	N_D	-0.35	-3.98	-1.21
72	72	47	N_D	-2.448E-02	-5.32	0.15
72	72	156	N_D	1.76	-3.09	-0.36
72	72	151	N_D	1.42	-1.66	-1.72
72	72	44	T+_D	0.	0.	0.
72	72	47	T+_D	0.	0.	0.
72	72	156	T+_D	0.	0.	0.
72	72	151	T+_D	0.	0.	0.
72	72	44	T-_D	0.	0.	0.
72	72	47	T-_D	0.	0.	0.
72	72	156	T-_D	0.	0.	0.
72	72	151	T-_D	0.	0.	0.
72	72	44	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
72	72	47	W+_K	0.	0.	0.
72	72	156	W+_K	0.	0.	0.
72	72	151	W+_K	0.	0.	0.
72	72	44	W-_K	0.	0.	0.
72	72	47	W-_K	0.	0.	0.
72	72	156	W-_K	0.	0.	0.
72	72	151	W-_K	0.	0.	0.
72	72	44	W+_D	0.	0.	0.
72	72	47	W+_D	0.	0.	0.
72	72	156	W+_D	0.	0.	0.
72	72	151	W+_D	0.	0.	0.
72	72	44	W-_D	0.	0.	0.
72	72	47	W-_D	0.	0.	0.
72	72	156	W-_D	0.	0.	0.
72	72	151	W-_D	0.	0.	0.
72	72	44	SISMA SLV X	13.09	46.96	15.55
72	72	47	SISMA SLV X	6.03	44.51	13.83
72	72	156	SISMA SLV X	11.5	6.66	13.
72	72	151	SISMA SLV X	6.39	9.86	16.36
72	72	44	SISMA SLV Y	10.12	28.18	30.59
72	72	47	SISMA SLV Y	2.68	20.19	30.72
72	72	156	SISMA SLV Y	5.55	3.15	28.15
72	72	151	SISMA SLV Y	7.07	16.78	28.21
72	72	44	SISMA SLD X	6.39	22.93	7.6
72	72	47	SISMA SLD X	2.95	21.74	6.76
72	72	156	SISMA SLD X	5.62	3.25	6.35
72	72	151	SISMA SLD X	3.12	4.81	7.99
72	72	44	SISMA SLD Y	4.94	13.76	14.94
72	72	47	SISMA SLD Y	1.31	9.86	15.
72	72	156	SISMA SLD Y	2.71	1.54	13.75
72	72	151	SISMA SLD Y	3.45	8.19	13.78
72	72	44	SISMA SLO X	5.29	19.	6.29
72	72	47	SISMA SLO X	2.44	18.01	5.59
72	72	156	SISMA SLO X	4.65	2.68	5.26
72	72	151	SISMA SLO X	2.58	3.98	6.62
72	72	44	SISMA SLO Y	4.09	11.4	12.37
72	72	47	SISMA SLO Y	1.08	8.17	12.42
72	72	156	SISMA SLO Y	2.24	1.27	11.38
72	72	151	SISMA SLO Y	2.86	6.79	11.41
72	72	44	SLT	0.	0.	0.
72	72	47	SLT	0.	0.	0.
72	72	156	SLT	0.	0.	0.
72	72	151	SLT	0.	0.	0.
72	72	44	~TorsionSISMA SLV X	0.	0.	0.
72	72	47	~TorsionSISMA SLV X	0.	0.	0.
72	72	156	~TorsionSISMA SLV X	0.	0.	0.
72	72	151	~TorsionSISMA SLV X	0.	0.	0.
72	72	44	~TorsionSISMA SLV Y	0.	0.	0.
72	72	47	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
72	72	156	~TorsionSISMA SLV Y	0.	0.	0.
72	72	151	~TorsionSISMA SLV Y	0.	0.	0.
72	72	44	~TorsionSISMA SLD X	0.	0.	0.
72	72	47	~TorsionSISMA SLD X	0.	0.	0.
72	72	156	~TorsionSISMA SLD X	0.	0.	0.
72	72	151	~TorsionSISMA SLD X	0.	0.	0.
72	72	44	~TorsionSISMA SLD Y	0.	0.	0.
72	72	47	~TorsionSISMA SLD Y	0.	0.	0.
72	72	156	~TorsionSISMA SLD Y	0.	0.	0.
72	72	151	~TorsionSISMA SLD Y	0.	0.	0.
72	72	44	~TorsionSISMA SLO X	0.	0.	0.
72	72	47	~TorsionSISMA SLO X	0.	0.	0.
72	72	156	~TorsionSISMA SLO X	0.	0.	0.
72	72	151	~TorsionSISMA SLO X	0.	0.	0.
72	72	44	~TorsionSISMA SLO Y	0.	0.	0.
72	72	47	~TorsionSISMA SLO Y	0.	0.	0.
72	72	156	~TorsionSISMA SLO Y	0.	0.	0.
72	72	151	~TorsionSISMA SLO Y	0.	0.	0.
73	73	151	G1_K	3.78	-80.32	-19.27
73	73	156	G1_K	9.93	-84.63	-0.41
73	73	48	G1_K	31.52	-58.86	-2.347E-02
73	73	45	G1_K	25.4	-55.15	-18.88
73	73	151	G2_K	-9.45	-25.72	-1.29
73	73	156	G2_K	-10.08	-23.43	-3.12
73	73	48	G2_K	-2.94	-8.75	-3.54
73	73	45	G2_K	-2.38	-10.56	-1.71
73	73	151	Q_K	4.31	-23.21	-11.85
73	73	156	Q_K	8.93	-25.5	-9.103E-02
73	73	48	Q_K	22.12	-9.75	-0.44
73	73	45	Q_K	17.53	-7.84	-12.2
73	73	151	N_K	0.52	-2.79	-1.42
73	73	156	N_K	1.07	-3.06	-1.092E-02
73	73	48	N_K	2.65	-1.17	-5.278E-02
73	73	45	N_K	2.1	-0.94	-1.46
73	73	151	T+_K	0.	0.	0.
73	73	156	T+_K	0.	0.	0.
73	73	48	T+_K	0.	0.	0.
73	73	45	T+_K	0.	0.	0.
73	73	151	T-_K	0.	0.	0.
73	73	156	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
73	73	48	T-_K	0.	0.	0.
73	73	45	T-_K	0.	0.	0.
73	73	151	G1_D	4.92	-104.41	-25.05
73	73	156	G1_D	12.91	-110.01	-0.53
73	73	48	G1_D	40.97	-76.51	-3.051E-02
73	73	45	G1_D	33.03	-71.69	-24.55
73	73	151	G2_D	-12.28	-33.44	-1.68
73	73	156	G2_D	-13.1	-30.46	-4.06
73	73	48	G2_D	-3.82	-11.38	-4.6
73	73	45	G2_D	-3.09	-13.73	-2.22
73	73	151	Q_D	6.47	-34.82	-17.78
73	73	156	Q_D	13.4	-38.25	-0.14
73	73	48	Q_D	33.18	-14.62	-0.66
73	73	45	Q_D	26.29	-11.77	-18.3
73	73	151	N_D	0.78	-4.18	-2.13
73	73	156	N_D	1.61	-4.59	-1.638E-02
73	73	48	N_D	3.98	-1.75	-7.917E-02
73	73	45	N_D	3.16	-1.41	-2.2
73	73	151	T+_D	0.	0.	0.
73	73	156	T+_D	0.	0.	0.
73	73	48	T+_D	0.	0.	0.
73	73	45	T+_D	0.	0.	0.
73	73	151	T-_D	0.	0.	0.
73	73	156	T-_D	0.	0.	0.
73	73	48	T-_D	0.	0.	0.
73	73	45	T-_D	0.	0.	0.
73	73	151	W+_K	0.	0.	0.
73	73	156	W+_K	0.	0.	0.
73	73	48	W+_K	0.	0.	0.
73	73	45	W+_K	0.	0.	0.
73	73	151	W-_K	0.	0.	0.
73	73	156	W-_K	0.	0.	0.
73	73	48	W-_K	0.	0.	0.
73	73	45	W-_K	0.	0.	0.
73	73	151	W+_D	0.	0.	0.
73	73	156	W+_D	0.	0.	0.
73	73	48	W+_D	0.	0.	0.
73	73	45	W+_D	0.	0.	0.
73	73	151	W-_D	0.	0.	0.
73	73	156	W-_D	0.	0.	0.
73	73	48	W-_D	0.	0.	0.
73	73	45	W-_D	0.	0.	0.
73	73	151	SISMA SLV X	5.43	22.84	16.05
73	73	156	SISMA SLV X	11.46	11.31	12.9
73	73	48	SISMA SLV X	27.74	24.25	11.94
73	73	45	SISMA SLV X	16.36	16.	13.88
73	73	151	SISMA SLV Y	8.75	21.62	29.29
73	73	156	SISMA SLV Y	6.41	5.36	28.17
73	73	48	SISMA SLV Y	14.28	11.06	26.41
73	73	45	SISMA SLV Y	9.15	18.52	27.42
73	73	151	SISMA SLD X	2.65	11.16	7.84
73	73	156	SISMA SLD X	5.6	5.52	6.3
73	73	48	SISMA SLD X	13.55	11.84	5.83
73	73	45	SISMA SLD X	7.99	7.81	6.78

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
73	73	151	SISMA SLD Y	4.27	10.56	14.31
73	73	156	SISMA SLD Y	3.13	2.62	13.76
73	73	48	SISMA SLD Y	6.97	5.4	12.9
73	73	45	SISMA SLD Y	4.47	9.05	13.39
73	73	151	SISMA SLO X	2.19	9.24	6.49
73	73	156	SISMA SLO X	4.63	4.57	5.22
73	73	48	SISMA SLO X	11.22	9.81	4.83
73	73	45	SISMA SLO X	6.62	6.47	5.62
73	73	151	SISMA SLO Y	3.54	8.74	11.85
73	73	156	SISMA SLO Y	2.59	2.17	11.39
73	73	48	SISMA SLO Y	5.78	4.47	10.68
73	73	45	SISMA SLO Y	3.7	7.49	11.09
73	73	151	SLT	0.	0.	0.
73	73	156	SLT	0.	0.	0.
73	73	48	SLT	0.	0.	0.
73	73	45	SLT	0.	0.	0.
73	73	151	~TorsionSISMA SLV X	0.	0.	0.
73	73	156	~TorsionSISMA SLV X	0.	0.	0.
73	73	48	~TorsionSISMA SLV X	0.	0.	0.
73	73	45	~TorsionSISMA SLV X	0.	0.	0.
73	73	151	~TorsionSISMA SLV Y	0.	0.	0.
73	73	156	~TorsionSISMA SLV Y	0.	0.	0.
73	73	48	~TorsionSISMA SLV Y	0.	0.	0.
73	73	45	~TorsionSISMA SLV Y	0.	0.	0.
73	73	151	~TorsionSISMA SLD X	0.	0.	0.
73	73	156	~TorsionSISMA SLD X	0.	0.	0.
73	73	48	~TorsionSISMA SLD X	0.	0.	0.
73	73	45	~TorsionSISMA SLD X	0.	0.	0.
73	73	151	~TorsionSISMA SLD Y	0.	0.	0.
73	73	156	~TorsionSISMA SLD Y	0.	0.	0.
73	73	48	~TorsionSISMA SLD Y	0.	0.	0.
73	73	45	~TorsionSISMA SLD Y	0.	0.	0.
73	73	151	~TorsionSISMA SLO X	0.	0.	0.
73	73	156	~TorsionSISMA SLO X	0.	0.	0.
73	73	48	~TorsionSISMA SLO X	0.	0.	0.
73	73	45	~TorsionSISMA SLO X	0.	0.	0.
73	73	151	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
73	73	156	~TorsionSISMA SLO Y	0.	0.	0.
73	73	48	~TorsionSISMA SLO Y	0.	0.	0.
73	73	45	~TorsionSISMA SLO Y	0.	0.	0.
74	74	45	G1_K	24.13	-54.88	-18.96
74	74	48	G1_K	31.79	-64.11	-0.6
74	74	157	G1_K	47.39	-33.6	0.42
74	74	153	G1_K	39.61	-23.72	-17.94
74	74	45	G2_K	-3.92	-17.98	-0.78
74	74	48	G2_K	-3.83	-13.52	-4.23
74	74	157	G2_K	2.95	-0.3	-3.95
74	74	153	G2_K	2.83	-4.52	-0.51
74	74	45	Q_K	15.19	-15.4	-12.42
74	74	48	Q_K	20.76	-20.67	-0.76
74	74	157	Q_K	31.57	-1.18	-0.25
74	74	153	Q_K	25.92	4.49	-11.91
74	74	45	N_K	1.82	-1.85	-1.49
74	74	48	N_K	2.49	-2.48	-9.124E-02
74	74	157	N_K	3.79	-0.14	-2.951E-02
74	74	153	N_K	3.11	0.54	-1.43
74	74	45	T+_K	0.	0.	0.
74	74	48	T+_K	0.	0.	0.
74	74	157	T+_K	0.	0.	0.
74	74	153	T+_K	0.	0.	0.
74	74	45	T-_K	0.	0.	0.
74	74	48	T-_K	0.	0.	0.
74	74	157	T-_K	0.	0.	0.
74	74	153	T-_K	0.	0.	0.
74	74	45	G1_D	31.37	-71.34	-24.65
74	74	48	G1_D	41.32	-83.35	-0.78
74	74	157	G1_D	61.61	-43.68	0.54
74	74	153	G1_D	51.5	-30.83	-23.33
74	74	45	G2_D	-5.09	-23.37	-1.02
74	74	48	G2_D	-4.99	-17.57	-5.49
74	74	157	G2_D	3.84	-0.39	-5.13
74	74	153	G2_D	3.68	-5.88	-0.66
74	74	45	Q_D	22.79	-23.1	-18.64
74	74	48	Q_D	31.14	-31.01	-1.14
74	74	157	Q_D	47.35	-1.77	-0.37
74	74	153	Q_D	38.88	6.74	-17.86
74	74	45	N_D	2.73	-2.77	-2.24
74	74	48	N_D	3.74	-3.72	-0.14
74	74	157	N_D	5.68	-0.21	-4.426E-02
74	74	153	N_D	4.67	0.81	-2.14
74	74	45	T+_D	0.	0.	0.
74	74	48	T+_D	0.	0.	0.
74	74	157	T+_D	0.	0.	0.
74	74	153	T+_D	0.	0.	0.
74	74	45	T-_D	0.	0.	0.
74	74	48	T-_D	0.	0.	0.
74	74	157	T-_D	0.	0.	0.
74	74	153	T-_D	0.	0.	0.
74	74	45	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
74	74	48	W+_K	0.	0.	0.
74	74	157	W+_K	0.	0.	0.
74	74	153	W+_K	0.	0.	0.
74	74	45	W-_K	0.	0.	0.
74	74	48	W-_K	0.	0.	0.
74	74	157	W-_K	0.	0.	0.
74	74	153	W-_K	0.	0.	0.
74	74	45	W+_D	0.	0.	0.
74	74	48	W+_D	0.	0.	0.
74	74	157	W+_D	0.	0.	0.
74	74	153	W+_D	0.	0.	0.
74	74	45	W-_D	0.	0.	0.
74	74	48	W-_D	0.	0.	0.
74	74	157	W-_D	0.	0.	0.
74	74	153	W-_D	0.	0.	0.
74	74	45	SISMA SLV X	13.85	9.87	11.87
74	74	48	SISMA SLV X	27.03	17.37	12.06
74	74	157	SISMA SLV X	36.43	33.59	9.42
74	74	153	SISMA SLV X	22.86	21.83	9.19
74	74	45	SISMA SLV Y	8.88	17.21	24.86
74	74	48	SISMA SLV Y	14.82	9.24	26.4
74	74	157	SISMA SLV Y	18.35	15.64	20.71
74	74	153	SISMA SLV Y	12.23	19.44	19.17
74	74	45	SISMA SLD X	6.77	4.82	5.8
74	74	48	SISMA SLD X	13.2	8.48	5.89
74	74	157	SISMA SLD X	17.79	16.41	4.6
74	74	153	SISMA SLD X	11.16	10.66	4.49
74	74	45	SISMA SLD Y	4.33	8.4	12.14
74	74	48	SISMA SLD Y	7.24	4.51	12.89
74	74	157	SISMA SLD Y	8.96	7.64	10.12
74	74	153	SISMA SLD Y	5.97	9.5	9.36
74	74	45	SISMA SLO X	5.6	3.99	4.8
74	74	48	SISMA SLO X	10.93	7.02	4.88
74	74	157	SISMA SLO X	14.74	13.59	3.81
74	74	153	SISMA SLO X	9.25	8.83	3.72
74	74	45	SISMA SLO Y	3.59	6.96	10.06
74	74	48	SISMA SLO Y	6.	3.74	10.68
74	74	157	SISMA SLO Y	7.42	6.32	8.38
74	74	153	SISMA SLO Y	4.95	7.87	7.75
74	74	45	SLT	0.	0.	0.
74	74	48	SLT	0.	0.	0.
74	74	157	SLT	0.	0.	0.
74	74	153	SLT	0.	0.	0.
74	74	45	~TorsionSISMA SLV X	0.	0.	0.
74	74	48	~TorsionSISMA SLV X	0.	0.	0.
74	74	157	~TorsionSISMA SLV X	0.	0.	0.
74	74	153	~TorsionSISMA SLV X	0.	0.	0.
74	74	45	~TorsionSISMA SLV Y	0.	0.	0.
74	74	48	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
74	74	157	~TorsionSISMA SLV Y	0.	0.	0.
74	74	153	~TorsionSISMA SLV Y	0.	0.	0.
74	74	45	~TorsionSISMA SLD X	0.	0.	0.
74	74	48	~TorsionSISMA SLD X	0.	0.	0.
74	74	157	~TorsionSISMA SLD X	0.	0.	0.
74	74	153	~TorsionSISMA SLD X	0.	0.	0.
74	74	45	~TorsionSISMA SLD Y	0.	0.	0.
74	74	48	~TorsionSISMA SLD Y	0.	0.	0.
74	74	157	~TorsionSISMA SLD Y	0.	0.	0.
74	74	153	~TorsionSISMA SLD Y	0.	0.	0.
74	74	45	~TorsionSISMA SLO X	0.	0.	0.
74	74	48	~TorsionSISMA SLO X	0.	0.	0.
74	74	157	~TorsionSISMA SLO X	0.	0.	0.
74	74	153	~TorsionSISMA SLO X	0.	0.	0.
74	74	45	~TorsionSISMA SLO Y	0.	0.	0.
74	74	48	~TorsionSISMA SLO Y	0.	0.	0.
74	74	157	~TorsionSISMA SLO Y	0.	0.	0.
74	74	153	~TorsionSISMA SLO Y	0.	0.	0.
75	75	153	G1_K	38.63	-25.9	-9.12
75	75	157	G1_K	54.71	0.26	-7.89
75	75	49	G1_K	53.55	39.8	7.5
75	75	46	G1_K	37.73	11.55	6.28
75	75	153	G2_K	1.56	-10.28	-2.51
75	75	157	G2_K	1.68	-7.25	-2.08
75	75	49	G2_K	13.53	5.48	-2.22
75	75	46	G2_K	13.33	3.03	-2.64
75	75	153	Q_K	23.72	-5.1	-6.29
75	75	157	Q_K	34.57	12.46	-5.54
75	75	49	Q_K	35.22	38.11	4.34
75	75	46	Q_K	24.53	19.22	3.59
75	75	153	N_K	2.85	-0.61	-0.75
75	75	157	N_K	4.15	1.49	-0.66
75	75	49	N_K	4.23	4.57	0.52
75	75	46	N_K	2.94	2.31	0.43
75	75	153	T+_K	0.	0.	0.
75	75	157	T+_K	0.	0.	0.
75	75	49	T+_K	0.	0.	0.
75	75	46	T+_K	0.	0.	0.
75	75	153	T-_K	0.	0.	0.
75	75	157	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
75	75	49	T-_K	0.	0.	0.
75	75	46	T-_K	0.	0.	0.
75	75	153	G1_D	50.22	-33.67	-11.85
75	75	157	G1_D	71.12	0.34	-10.26
75	75	49	G1_D	69.62	51.75	9.75
75	75	46	G1_D	49.05	15.02	8.16
75	75	153	G2_D	2.03	-13.36	-3.26
75	75	157	G2_D	2.18	-9.43	-2.7
75	75	49	G2_D	17.59	7.12	-2.88
75	75	46	G2_D	17.33	3.94	-3.44
75	75	153	Q_D	35.58	-7.65	-9.43
75	75	157	Q_D	51.86	18.69	-8.31
75	75	49	Q_D	52.83	57.17	6.51
75	75	46	Q_D	36.79	28.83	5.39
75	75	153	N_D	4.27	-0.92	-1.13
75	75	157	N_D	6.22	2.24	-1.
75	75	49	N_D	6.34	6.86	0.78
75	75	46	N_D	4.42	3.46	0.65
75	75	153	T+_D	0.	0.	0.
75	75	157	T+_D	0.	0.	0.
75	75	49	T+_D	0.	0.	0.
75	75	46	T+_D	0.	0.	0.
75	75	153	T-_D	0.	0.	0.
75	75	157	T-_D	0.	0.	0.
75	75	49	T-_D	0.	0.	0.
75	75	46	T-_D	0.	0.	0.
75	75	153	W+_K	0.	0.	0.
75	75	157	W+_K	0.	0.	0.
75	75	49	W+_K	0.	0.	0.
75	75	46	W+_K	0.	0.	0.
75	75	153	W-_K	0.	0.	0.
75	75	157	W-_K	0.	0.	0.
75	75	49	W-_K	0.	0.	0.
75	75	46	W-_K	0.	0.	0.
75	75	153	W+_D	0.	0.	0.
75	75	157	W+_D	0.	0.	0.
75	75	49	W+_D	0.	0.	0.
75	75	46	W+_D	0.	0.	0.
75	75	153	W-_D	0.	0.	0.
75	75	157	W-_D	0.	0.	0.
75	75	49	W-_D	0.	0.	0.
75	75	46	W-_D	0.	0.	0.
75	75	153	SISMA SLV X	23.17	19.26	10.74
75	75	157	SISMA SLV X	35.76	33.81	8.85
75	75	49	SISMA SLV X	35.93	30.13	7.
75	75	46	SISMA SLV X	23.27	15.39	13.63
75	75	153	SISMA SLV Y	12.01	14.06	18.47
75	75	157	SISMA SLV Y	18.49	16.23	17.88
75	75	49	SISMA SLV Y	18.7	13.97	15.55
75	75	46	SISMA SLV Y	11.9	14.93	16.79
75	75	153	SISMA SLD X	11.32	9.41	5.24
75	75	157	SISMA SLD X	17.47	16.51	4.32
75	75	49	SISMA SLD X	17.55	14.72	3.42
75	75	46	SISMA SLD X	11.37	7.52	6.66

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
75	75	153	SISMA SLD Y	5.87	6.87	9.02
75	75	157	SISMA SLD Y	9.03	7.93	8.73
75	75	49	SISMA SLD Y	9.13	6.82	7.59
75	75	46	SISMA SLD Y	5.81	7.29	8.2
75	75	153	SISMA SLO X	9.37	7.79	4.34
75	75	157	SISMA SLO X	14.47	13.68	3.58
75	75	49	SISMA SLO X	14.54	12.19	2.83
75	75	46	SISMA SLO X	9.42	6.23	5.52
75	75	153	SISMA SLO Y	4.86	5.69	7.47
75	75	157	SISMA SLO Y	7.48	6.57	7.23
75	75	49	SISMA SLO Y	7.57	5.65	6.29
75	75	46	SISMA SLO Y	4.81	6.04	6.79
75	75	153	SLT	0.	0.	0.
75	75	157	SLT	0.	0.	0.
75	75	49	SLT	0.	0.	0.
75	75	46	SLT	0.	0.	0.
75	75	153	~TorsionSISMA SLV X	0.	0.	0.
75	75	157	~TorsionSISMA SLV X	0.	0.	0.
75	75	49	~TorsionSISMA SLV X	0.	0.	0.
75	75	46	~TorsionSISMA SLV X	0.	0.	0.
75	75	153	~TorsionSISMA SLV Y	0.	0.	0.
75	75	157	~TorsionSISMA SLV Y	0.	0.	0.
75	75	49	~TorsionSISMA SLV Y	0.	0.	0.
75	75	46	~TorsionSISMA SLV Y	0.	0.	0.
75	75	153	~TorsionSISMA SLD X	0.	0.	0.
75	75	157	~TorsionSISMA SLD X	0.	0.	0.
75	75	49	~TorsionSISMA SLD X	0.	0.	0.
75	75	46	~TorsionSISMA SLD X	0.	0.	0.
75	75	153	~TorsionSISMA SLD Y	0.	0.	0.
75	75	157	~TorsionSISMA SLD Y	0.	0.	0.
75	75	49	~TorsionSISMA SLD Y	0.	0.	0.
75	75	46	~TorsionSISMA SLD Y	0.	0.	0.
75	75	153	~TorsionSISMA SLO X	0.	0.	0.
75	75	157	~TorsionSISMA SLO X	0.	0.	0.
75	75	49	~TorsionSISMA SLO X	0.	0.	0.
75	75	46	~TorsionSISMA SLO X	0.	0.	0.
75	75	153	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
75	75	157	~TorsionSISMA SLO Y	0.	0.	0.
75	75	49	~TorsionSISMA SLO Y	0.	0.	0.
75	75	46	~TorsionSISMA SLO Y	0.	0.	0.
76	76	46	G1_K	42.3	42.33	32.7
76	76	49	G1_K	71.66	122.45	-15.42
76	76	121	G1_K	29.93	170.16	22.86
76	76	113	G1_K	0.6	89.01	70.98
76	76	46	G2_K	12.78	-0.71	-2.83
76	76	49	G2_K	11.32	-4.55	-4.82
76	76	121	G2_K	25.29	8.19	-6.94
76	76	113	G2_K	26.72	12.4	-4.94
76	76	46	Q_K	25.92	30.93	20.51
76	76	49	Q_K	45.03	82.43	-10.33
76	76	121	Q_K	19.9	113.53	14.25
76	76	113	Q_K	0.81	61.39	45.09
76	76	46	N_K	3.11	3.71	2.46
76	76	49	N_K	5.4	9.89	-1.24
76	76	121	N_K	2.39	13.62	1.71
76	76	113	N_K	9.671E-02	7.37	5.41
76	76	46	T+_K	0.	0.	0.
76	76	49	T+_K	0.	0.	0.
76	76	121	T+_K	0.	0.	0.
76	76	113	T+_K	0.	0.	0.
76	76	46	T-_K	0.	0.	0.
76	76	49	T-_K	0.	0.	0.
76	76	121	T-_K	0.	0.	0.
76	76	113	T-_K	0.	0.	0.
76	76	46	G1_D	54.99	55.03	42.52
76	76	49	G1_D	93.16	159.18	-20.04
76	76	121	G1_D	38.91	221.2	29.72
76	76	113	G1_D	0.78	115.71	92.28
76	76	46	G2_D	16.62	-0.93	-3.67
76	76	49	G2_D	14.72	-5.92	-6.27
76	76	121	G2_D	32.87	10.65	-9.02
76	76	113	G2_D	34.73	16.12	-6.43
76	76	46	Q_D	38.88	46.4	30.77
76	76	49	Q_D	67.55	123.64	-15.49
76	76	121	Q_D	29.84	170.3	21.38
76	76	113	Q_D	1.21	92.08	67.64
76	76	46	N_D	4.67	5.57	3.69
76	76	49	N_D	8.11	14.84	-1.86
76	76	121	N_D	3.58	20.44	2.57
76	76	113	N_D	0.15	11.05	8.12
76	76	46	T+_D	0.	0.	0.
76	76	49	T+_D	0.	0.	0.
76	76	121	T+_D	0.	0.	0.
76	76	113	T+_D	0.	0.	0.
76	76	46	T-_D	0.	0.	0.
76	76	49	T-_D	0.	0.	0.
76	76	121	T-_D	0.	0.	0.
76	76	113	T-_D	0.	0.	0.
76	76	46	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
76	76	49	W+_K	0.	0.	0.
76	76	121	W+_K	0.	0.	0.
76	76	113	W+_K	0.	0.	0.
76	76	46	W-_K	0.	0.	0.
76	76	49	W-_K	0.	0.	0.
76	76	121	W-_K	0.	0.	0.
76	76	113	W-_K	0.	0.	0.
76	76	46	W+_D	0.	0.	0.
76	76	49	W+_D	0.	0.	0.
76	76	121	W+_D	0.	0.	0.
76	76	113	W+_D	0.	0.	0.
76	76	46	W-_D	0.	0.	0.
76	76	49	W-_D	0.	0.	0.
76	76	121	W-_D	0.	0.	0.
76	76	113	W-_D	0.	0.	0.
76	76	46	SISMA SLV X	27.06	23.18	14.39
76	76	49	SISMA SLV X	34.22	33.58	9.89
76	76	121	SISMA SLV X	29.51	20.83	7.87
76	76	113	SISMA SLV X	23.57	13.08	17.27
76	76	46	SISMA SLV Y	12.43	10.72	12.97
76	76	49	SISMA SLV Y	18.13	15.43	21.37
76	76	121	SISMA SLV Y	13.41	8.65	17.37
76	76	113	SISMA SLV Y	14.58	6.26	10.65
76	76	46	SISMA SLD X	13.21	11.32	7.03
76	76	49	SISMA SLD X	16.71	16.4	4.83
76	76	121	SISMA SLD X	14.41	10.17	3.84
76	76	113	SISMA SLD X	11.51	6.39	8.44
76	76	46	SISMA SLD Y	6.07	5.24	6.34
76	76	49	SISMA SLD Y	8.85	7.54	10.44
76	76	121	SISMA SLD Y	6.55	4.22	8.49
76	76	113	SISMA SLD Y	7.12	3.06	5.2
76	76	46	SISMA SLO X	10.95	9.38	5.82
76	76	49	SISMA SLO X	13.85	13.59	4.
76	76	121	SISMA SLO X	11.94	8.43	3.18
76	76	113	SISMA SLO X	9.54	5.29	6.99
76	76	46	SISMA SLO Y	5.03	4.34	5.25
76	76	49	SISMA SLO Y	7.33	6.24	8.65
76	76	121	SISMA SLO Y	5.42	3.5	7.03
76	76	113	SISMA SLO Y	5.9	2.53	4.31
76	76	46	SLT	0.	0.	0.
76	76	49	SLT	0.	0.	0.
76	76	121	SLT	0.	0.	0.
76	76	113	SLT	0.	0.	0.
76	76	46	~TorsionSISMA SLV X	0.	0.	0.
76	76	49	~TorsionSISMA SLV X	0.	0.	0.
76	76	121	~TorsionSISMA SLV X	0.	0.	0.
76	76	113	~TorsionSISMA SLV X	0.	0.	0.
76	76	46	~TorsionSISMA SLV Y	0.	0.	0.
76	76	49	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
76	76	121	~TorsionSISMA SLV Y	0.	0.	0.
76	76	113	~TorsionSISMA SLV Y	0.	0.	0.
76	76	46	~TorsionSISMA SLD X	0.	0.	0.
76	76	49	~TorsionSISMA SLD X	0.	0.	0.
76	76	121	~TorsionSISMA SLD X	0.	0.	0.
76	76	113	~TorsionSISMA SLD X	0.	0.	0.
76	76	46	~TorsionSISMA SLD Y	0.	0.	0.
76	76	49	~TorsionSISMA SLD Y	0.	0.	0.
76	76	121	~TorsionSISMA SLD Y	0.	0.	0.
76	76	113	~TorsionSISMA SLD Y	0.	0.	0.
76	76	46	~TorsionSISMA SLO X	0.	0.	0.
76	76	49	~TorsionSISMA SLO X	0.	0.	0.
76	76	121	~TorsionSISMA SLO X	0.	0.	0.
76	76	113	~TorsionSISMA SLO X	0.	0.	0.
76	76	46	~TorsionSISMA SLO Y	0.	0.	0.
76	76	49	~TorsionSISMA SLO Y	0.	0.	0.
76	76	121	~TorsionSISMA SLO Y	0.	0.	0.
76	76	113	~TorsionSISMA SLO Y	0.	0.	0.
77	77	155	G1_K	-23.1	-119.42	-1.149E-02
77	77	158	G1_K	-23.23	-112.24	5.83
77	77	50	G1_K	-10.05	-90.8	11.47
77	77	47	G1_K	-9.88	-97.97	5.63
77	77	155	G2_K	-8.56	-40.33	-1.67
77	77	158	G2_K	-9.49	-49.93	-6.49
77	77	50	G2_K	-10.82	-31.52	-11.03
77	77	47	G2_K	-9.82	-22.62	-6.21
77	77	155	Q_K	-5.64	-31.37	-0.38
77	77	158	Q_K	-5.87	-26.19	2.52
77	77	50	Q_K	0.16	-14.94	6.05
77	77	47	Q_K	0.4	-19.97	3.15
77	77	155	N_K	-0.68	-3.76	-4.613E-02
77	77	158	N_K	-0.7	-3.14	0.3
77	77	50	N_K	1.867E-02	-1.79	0.73
77	77	47	N_K	4.785E-02	-2.4	0.38
77	77	155	T+_K	0.	0.	0.
77	77	158	T+_K	0.	0.	0.
77	77	50	T+_K	0.	0.	0.
77	77	47	T+_K	0.	0.	0.
77	77	155	T-_K	0.	0.	0.
77	77	158	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
77	77	50	T-_K	0.	0.	0.
77	77	47	T-_K	0.	0.	0.
77	77	155	G1_D	-30.03	-155.24	-1.494E-02
77	77	158	G1_D	-30.2	-145.92	7.58
77	77	50	G1_D	-13.06	-118.04	14.91
77	77	47	G1_D	-12.84	-127.36	7.32
77	77	155	G2_D	-11.13	-52.43	-2.18
77	77	158	G2_D	-12.33	-64.91	-8.44
77	77	50	G2_D	-14.06	-40.97	-14.33
77	77	47	G2_D	-12.77	-29.41	-8.07
77	77	155	Q_D	-8.46	-47.05	-0.58
77	77	158	Q_D	-8.81	-39.29	3.77
77	77	50	Q_D	0.23	-22.4	9.07
77	77	47	Q_D	0.6	-29.95	4.72
77	77	155	N_D	-1.02	-5.65	-6.919E-02
77	77	158	N_D	-1.06	-4.71	0.45
77	77	50	N_D	2.801E-02	-2.69	1.09
77	77	47	N_D	7.178E-02	-3.59	0.57
77	77	155	T+_D	0.	0.	0.
77	77	158	T+_D	0.	0.	0.
77	77	50	T+_D	0.	0.	0.
77	77	47	T+_D	0.	0.	0.
77	77	155	T-_D	0.	0.	0.
77	77	158	T-_D	0.	0.	0.
77	77	50	T-_D	0.	0.	0.
77	77	47	T-_D	0.	0.	0.
77	77	155	W+_K	0.	0.	0.
77	77	158	W+_K	0.	0.	0.
77	77	50	W+_K	0.	0.	0.
77	77	47	W+_K	0.	0.	0.
77	77	155	W-_K	0.	0.	0.
77	77	158	W-_K	0.	0.	0.
77	77	50	W-_K	0.	0.	0.
77	77	47	W-_K	0.	0.	0.
77	77	155	W+_D	0.	0.	0.
77	77	158	W+_D	0.	0.	0.
77	77	50	W+_D	0.	0.	0.
77	77	47	W+_D	0.	0.	0.
77	77	155	W-_D	0.	0.	0.
77	77	158	W-_D	0.	0.	0.
77	77	50	W-_D	0.	0.	0.
77	77	47	W-_D	0.	0.	0.
77	77	155	SISMA SLV X	16.01	83.47	8.21
77	77	158	SISMA SLV X	17.3	82.93	7.25
77	77	50	SISMA SLV X	9.13	36.16	15.01
77	77	47	SISMA SLV X	7.44	36.49	15.81
77	77	155	SISMA SLV Y	7.74	39.01	17.87
77	77	158	SISMA SLV Y	7.71	37.07	15.4
77	77	50	SISMA SLV Y	5.74	17.22	32.53
77	77	47	SISMA SLV Y	3.4	16.42	35.01
77	77	155	SISMA SLD X	7.82	40.77	4.01
77	77	158	SISMA SLD X	8.45	40.51	3.54
77	77	50	SISMA SLD X	4.46	17.66	7.33
77	77	47	SISMA SLD X	3.63	17.82	7.72

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
77	77	155	SISMA SLD Y	3.78	19.05	8.73
77	77	158	SISMA SLD Y	3.77	18.11	7.52
77	77	50	SISMA SLD Y	2.8	8.41	15.88
77	77	47	SISMA SLD Y	1.66	8.02	17.1
77	77	155	SISMA SLO X	6.48	33.77	3.32
77	77	158	SISMA SLO X	7.	33.56	2.93
77	77	50	SISMA SLO X	3.69	14.63	6.07
77	77	47	SISMA SLO X	3.01	14.76	6.39
77	77	155	SISMA SLO Y	3.13	15.78	7.23
77	77	158	SISMA SLO Y	3.12	15.	6.23
77	77	50	SISMA SLO Y	2.32	6.97	13.15
77	77	47	SISMA SLO Y	1.38	6.64	14.16
77	77	155	SLT	0.	0.	0.
77	77	158	SLT	0.	0.	0.
77	77	50	SLT	0.	0.	0.
77	77	47	SLT	0.	0.	0.
77	77	155	~TorsionSISMA SLV X	0.	0.	0.
77	77	158	~TorsionSISMA SLV X	0.	0.	0.
77	77	50	~TorsionSISMA SLV X	0.	0.	0.
77	77	47	~TorsionSISMA SLV X	0.	0.	0.
77	77	155	~TorsionSISMA SLV Y	0.	0.	0.
77	77	158	~TorsionSISMA SLV Y	0.	0.	0.
77	77	50	~TorsionSISMA SLV Y	0.	0.	0.
77	77	47	~TorsionSISMA SLV Y	0.	0.	0.
77	77	155	~TorsionSISMA SLD X	0.	0.	0.
77	77	158	~TorsionSISMA SLD X	0.	0.	0.
77	77	50	~TorsionSISMA SLD X	0.	0.	0.
77	77	47	~TorsionSISMA SLD X	0.	0.	0.
77	77	155	~TorsionSISMA SLD Y	0.	0.	0.
77	77	158	~TorsionSISMA SLD Y	0.	0.	0.
77	77	50	~TorsionSISMA SLD Y	0.	0.	0.
77	77	47	~TorsionSISMA SLD Y	0.	0.	0.
77	77	155	~TorsionSISMA SLO X	0.	0.	0.
77	77	158	~TorsionSISMA SLO X	0.	0.	0.
77	77	50	~TorsionSISMA SLO X	0.	0.	0.
77	77	47	~TorsionSISMA SLO X	0.	0.	0.
77	77	155	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
77	77	158	~TorsionSISMA SLO Y	0.	0.	0.
77	77	50	~TorsionSISMA SLO Y	0.	0.	0.
77	77	47	~TorsionSISMA SLO Y	0.	0.	0.
78	78	47	G1_K	-9.69	-105.02	0.95
78	78	50	G1_K	-12.34	-94.26	14.74
78	78	159	G1_K	7.37	-71.7	19.91
78	78	156	G1_K	10.16	-83.18	6.12
78	78	47	G2_K	-12.48	-33.12	-5.69
78	78	50	G2_K	-11.84	-39.39	-9.51
78	78	159	G2_K	-7.76	-21.82	-7.49
78	78	156	G2_K	-8.39	-15.75	-3.67
78	78	47	Q_K	-0.4	-29.49	0.17
78	78	50	Q_K	-2.59	-23.15	8.93
78	78	159	Q_K	8.16	-10.37	11.61
78	78	156	Q_K	10.45	-17.17	2.85
78	78	47	N_K	-4.768E-02	-3.54	2.095E-02
78	78	50	N_K	-0.31	-2.78	1.07
78	78	159	N_K	0.98	-1.24	1.39
78	78	156	N_K	1.25	-2.06	0.34
78	78	47	T+_K	0.	0.	0.
78	78	50	T+_K	0.	0.	0.
78	78	159	T+_K	0.	0.	0.
78	78	156	T+_K	0.	0.	0.
78	78	47	T-_K	0.	0.	0.
78	78	50	T-_K	0.	0.	0.
78	78	159	T-_K	0.	0.	0.
78	78	156	T-_K	0.	0.	0.
78	78	47	G1_D	-12.59	-136.53	1.24
78	78	50	G1_D	-16.04	-122.54	19.16
78	78	159	G1_D	9.58	-93.21	25.88
78	78	156	G1_D	13.21	-108.13	7.96
78	78	47	G2_D	-16.22	-43.06	-7.4
78	78	50	G2_D	-15.39	-51.21	-12.36
78	78	159	G2_D	-10.09	-28.37	-9.73
78	78	156	G2_D	-10.91	-20.47	-4.77
78	78	47	Q_D	-0.6	-44.23	0.26
78	78	50	Q_D	-3.89	-34.72	13.39
78	78	159	Q_D	12.24	-15.56	17.41
78	78	156	Q_D	15.68	-25.76	4.28
78	78	47	N_D	-7.152E-02	-5.31	3.143E-02
78	78	50	N_D	-0.47	-4.17	1.61
78	78	159	N_D	1.47	-1.87	2.09
78	78	156	N_D	1.88	-3.09	0.51
78	78	47	T+_D	0.	0.	0.
78	78	50	T+_D	0.	0.	0.
78	78	159	T+_D	0.	0.	0.
78	78	156	T+_D	0.	0.	0.
78	78	47	T-_D	0.	0.	0.
78	78	50	T-_D	0.	0.	0.
78	78	159	T-_D	0.	0.	0.
78	78	156	T-_D	0.	0.	0.
78	78	47	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
78	78	50	W+_K	0.	0.	0.
78	78	159	W+_K	0.	0.	0.
78	78	156	W+_K	0.	0.	0.
78	78	47	W-_K	0.	0.	0.
78	78	50	W-_K	0.	0.	0.
78	78	159	W-_K	0.	0.	0.
78	78	156	W-_K	0.	0.	0.
78	78	47	W+_D	0.	0.	0.
78	78	50	W+_D	0.	0.	0.
78	78	159	W+_D	0.	0.	0.
78	78	156	W+_D	0.	0.	0.
78	78	47	W-_D	0.	0.	0.
78	78	50	W-_D	0.	0.	0.
78	78	159	W-_D	0.	0.	0.
78	78	156	W-_D	0.	0.	0.
78	78	47	SISMA SLV X	8.4	45.7	14.39
78	78	50	SISMA SLV X	13.54	51.86	13.95
78	78	159	SISMA SLV X	6.52	11.05	13.8
78	78	156	SISMA SLV X	10.95	5.99	12.6
78	78	47	SISMA SLV Y	3.79	21.47	31.15
78	78	50	SISMA SLV Y	8.13	24.42	28.19
78	78	159	SISMA SLV Y	8.53	16.7	25.2
78	78	156	SISMA SLV Y	5.12	3.34	28.
78	78	47	SISMA SLD X	4.1	22.32	7.03
78	78	50	SISMA SLD X	6.61	25.33	6.81
78	78	159	SISMA SLD X	3.18	5.4	6.74
78	78	156	SISMA SLD X	5.35	2.92	6.15
78	78	47	SISMA SLD Y	1.85	10.49	15.22
78	78	50	SISMA SLD Y	3.97	11.93	13.77
78	78	159	SISMA SLD Y	4.17	8.16	12.31
78	78	156	SISMA SLD Y	2.5	1.63	13.68
78	78	47	SISMA SLO X	3.4	18.49	5.82
78	78	50	SISMA SLO X	5.48	20.98	5.64
78	78	159	SISMA SLO X	2.64	4.47	5.58
78	78	156	SISMA SLO X	4.43	2.41	5.09
78	78	47	SISMA SLO Y	1.53	8.68	12.6
78	78	50	SISMA SLO Y	3.29	9.88	11.4
78	78	159	SISMA SLO Y	3.45	6.76	10.19
78	78	156	SISMA SLO Y	2.07	1.35	11.33
78	78	47	SLT	0.	0.	0.
78	78	50	SLT	0.	0.	0.
78	78	159	SLT	0.	0.	0.
78	78	156	SLT	0.	0.	0.
78	78	47	~TorsionSISMA SLV X	0.	0.	0.
78	78	50	~TorsionSISMA SLV X	0.	0.	0.
78	78	159	~TorsionSISMA SLV X	0.	0.	0.
78	78	156	~TorsionSISMA SLV X	0.	0.	0.
78	78	47	~TorsionSISMA SLV Y	0.	0.	0.
78	78	50	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
78	78	159	~TorsionSISMA SLV Y	0.	0.	0.
78	78	156	~TorsionSISMA SLV Y	0.	0.	0.
78	78	47	~TorsionSISMA SLD X	0.	0.	0.
78	78	50	~TorsionSISMA SLD X	0.	0.	0.
78	78	159	~TorsionSISMA SLD X	0.	0.	0.
78	78	156	~TorsionSISMA SLD X	0.	0.	0.
78	78	47	~TorsionSISMA SLD Y	0.	0.	0.
78	78	50	~TorsionSISMA SLD Y	0.	0.	0.
78	78	159	~TorsionSISMA SLD Y	0.	0.	0.
78	78	156	~TorsionSISMA SLD Y	0.	0.	0.
78	78	47	~TorsionSISMA SLO X	0.	0.	0.
78	78	50	~TorsionSISMA SLO X	0.	0.	0.
78	78	159	~TorsionSISMA SLO X	0.	0.	0.
78	78	156	~TorsionSISMA SLO X	0.	0.	0.
78	78	47	~TorsionSISMA SLO Y	0.	0.	0.
78	78	50	~TorsionSISMA SLO Y	0.	0.	0.
78	78	159	~TorsionSISMA SLO Y	0.	0.	0.
78	78	156	~TorsionSISMA SLO Y	0.	0.	0.
79	79	156	G1_K	11.37	-84.1	4.79
79	79	159	G1_K	4.13	-80.94	21.
79	79	51	G1_K	23.97	-56.53	21.35
79	79	48	G1_K	31.19	-59.16	5.14
79	79	156	G2_K	-10.49	-24.09	-4.99
79	79	159	G2_K	-8.44	-27.31	-8.02
79	79	51	G2_K	-2.28	-11.27	-8.5
79	79	48	G2_K	-4.28	-8.44	-5.47
79	79	156	Q_K	9.79	-25.19	2.43
79	79	159	Q_K	4.64	-23.32	12.51
79	79	51	Q_K	16.7	-8.41	13.27
79	79	48	Q_K	21.84	-9.94	3.2
79	79	156	N_K	1.17	-3.02	0.29
79	79	159	N_K	0.56	-2.8	1.5
79	79	51	N_K	2.	-1.01	1.59
79	79	48	N_K	2.62	-1.19	0.38
79	79	156	T+_K	0.	0.	0.
79	79	159	T+_K	0.	0.	0.
79	79	51	T+_K	0.	0.	0.
79	79	48	T+_K	0.	0.	0.
79	79	156	T-_K	0.	0.	0.
79	79	159	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
79	79	51	T-_K	0.	0.	0.
79	79	48	T-_K	0.	0.	0.
79	79	156	G1_D	14.78	-109.33	6.23
79	79	159	G1_D	5.36	-105.22	27.3
79	79	51	G1_D	31.16	-73.49	27.75
79	79	48	G1_D	40.55	-76.91	6.68
79	79	156	G2_D	-13.63	-31.32	-6.48
79	79	159	G2_D	-10.97	-35.51	-10.42
79	79	51	G2_D	-2.96	-14.65	-11.05
79	79	48	G2_D	-5.57	-10.98	-7.11
79	79	156	Q_D	14.68	-37.79	3.65
79	79	159	Q_D	6.95	-34.97	18.76
79	79	51	Q_D	25.05	-12.61	19.91
79	79	48	Q_D	32.76	-14.91	4.79
79	79	156	N_D	1.76	-4.54	0.44
79	79	159	N_D	0.83	-4.2	2.25
79	79	51	N_D	3.01	-1.51	2.39
79	79	48	N_D	3.93	-1.79	0.58
79	79	156	T+_D	0.	0.	0.
79	79	159	T+_D	0.	0.	0.
79	79	51	T+_D	0.	0.	0.
79	79	48	T+_D	0.	0.	0.
79	79	156	T-_D	0.	0.	0.
79	79	159	T-_D	0.	0.	0.
79	79	51	T-_D	0.	0.	0.
79	79	48	T-_D	0.	0.	0.
79	79	156	W+_K	0.	0.	0.
79	79	159	W+_K	0.	0.	0.
79	79	51	W+_K	0.	0.	0.
79	79	48	W+_K	0.	0.	0.
79	79	156	W-_K	0.	0.	0.
79	79	159	W-_K	0.	0.	0.
79	79	51	W-_K	0.	0.	0.
79	79	48	W-_K	0.	0.	0.
79	79	156	W+_D	0.	0.	0.
79	79	159	W+_D	0.	0.	0.
79	79	51	W+_D	0.	0.	0.
79	79	48	W+_D	0.	0.	0.
79	79	156	W-_D	0.	0.	0.
79	79	159	W-_D	0.	0.	0.
79	79	51	W-_D	0.	0.	0.
79	79	48	W-_D	0.	0.	0.
79	79	156	SISMA SLV X	10.48	12.36	12.64
79	79	159	SISMA SLV X	4.95	24.85	13.59
79	79	51	SISMA SLV X	18.4	14.6	11.95
79	79	48	SISMA SLV X	27.13	24.51	12.67
79	79	156	SISMA SLV Y	4.64	6.26	27.95
79	79	159	SISMA SLV Y	9.	18.18	26.69
79	79	51	SISMA SLV Y	12.55	21.65	25.6
79	79	48	SISMA SLV Y	12.14	11.54	27.03
79	79	156	SISMA SLD X	5.12	6.04	6.18
79	79	159	SISMA SLD X	2.41	12.14	6.64
79	79	51	SISMA SLD X	8.99	7.13	5.84
79	79	48	SISMA SLD X	13.25	11.97	6.19

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
79	79	156	SISMA SLD Y	2.26	3.06	13.65
79	79	159	SISMA SLD Y	4.39	8.88	13.03
79	79	51	SISMA SLD Y	6.13	10.57	12.51
79	79	48	SISMA SLD Y	5.93	5.64	13.2
79	79	156	SISMA SLO X	4.24	5.	5.11
79	79	159	SISMA SLO X	2.	10.05	5.5
79	79	51	SISMA SLO X	7.45	5.91	4.83
79	79	48	SISMA SLO X	10.97	9.92	5.13
79	79	156	SISMA SLO Y	1.88	2.53	11.31
79	79	159	SISMA SLO Y	3.64	7.36	10.8
79	79	51	SISMA SLO Y	5.08	8.76	10.36
79	79	48	SISMA SLO Y	4.91	4.67	10.93
79	79	156	SLT	0.	0.	0.
79	79	159	SLT	0.	0.	0.
79	79	51	SLT	0.	0.	0.
79	79	48	SLT	0.	0.	0.
79	79	156	~TorsionSISMA SLV X	0.	0.	0.
79	79	159	~TorsionSISMA SLV X	0.	0.	0.
79	79	51	~TorsionSISMA SLV X	0.	0.	0.
79	79	48	~TorsionSISMA SLV X	0.	0.	0.
79	79	156	~TorsionSISMA SLV Y	0.	0.	0.
79	79	159	~TorsionSISMA SLV Y	0.	0.	0.
79	79	51	~TorsionSISMA SLV Y	0.	0.	0.
79	79	48	~TorsionSISMA SLV Y	0.	0.	0.
79	79	156	~TorsionSISMA SLD X	0.	0.	0.
79	79	159	~TorsionSISMA SLD X	0.	0.	0.
79	79	51	~TorsionSISMA SLD X	0.	0.	0.
79	79	48	~TorsionSISMA SLD X	0.	0.	0.
79	79	156	~TorsionSISMA SLD Y	0.	0.	0.
79	79	159	~TorsionSISMA SLD Y	0.	0.	0.
79	79	51	~TorsionSISMA SLD Y	0.	0.	0.
79	79	48	~TorsionSISMA SLD Y	0.	0.	0.
79	79	156	~TorsionSISMA SLO X	0.	0.	0.
79	79	159	~TorsionSISMA SLO X	0.	0.	0.
79	79	51	~TorsionSISMA SLO X	0.	0.	0.
79	79	48	~TorsionSISMA SLO X	0.	0.	0.
79	79	156	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
79	79	159	~TorsionSISMA SLO Y	0.	0.	0.
79	79	51	~TorsionSISMA SLO Y	0.	0.	0.
79	79	48	~TorsionSISMA SLO Y	0.	0.	0.
80	80	48	G1_K	31.89	-63.78	4.61
80	80	51	G1_K	22.78	-54.33	22.74
80	80	160	G1_K	39.69	-23.43	21.84
80	80	157	G1_K	48.95	-33.61	3.71
80	80	48	G2_K	-6.06	-14.64	-6.86
80	80	51	G2_K	-3.59	-20.54	-7.33
80	80	160	G2_K	5.71	-5.44	-8.04
80	80	157	G2_K	3.22	0.43	-7.58
80	80	48	Q_K	20.74	-20.48	2.8
80	80	51	Q_K	14.42	-14.77	14.33
80	80	160	Q_K	26.08	4.96	13.9
80	80	157	Q_K	32.49	-1.19	2.37
80	80	48	N_K	2.49	-2.46	0.34
80	80	51	N_K	1.73	-1.77	1.72
80	80	160	N_K	3.13	0.6	1.67
80	80	157	N_K	3.9	-0.14	0.28
80	80	48	T+_K	0.	0.	0.
80	80	51	T+_K	0.	0.	0.
80	80	160	T+_K	0.	0.	0.
80	80	157	T+_K	0.	0.	0.
80	80	48	T-_K	0.	0.	0.
80	80	51	T-_K	0.	0.	0.
80	80	160	T-_K	0.	0.	0.
80	80	157	T-_K	0.	0.	0.
80	80	48	G1_D	41.46	-82.91	5.99
80	80	51	G1_D	29.62	-70.63	29.56
80	80	160	G1_D	51.6	-30.46	28.4
80	80	157	G1_D	63.63	-43.69	4.83
80	80	48	G2_D	-7.88	-19.03	-8.92
80	80	51	G2_D	-4.66	-26.7	-9.53
80	80	160	G2_D	7.43	-7.07	-10.46
80	80	157	G2_D	4.19	0.56	-9.85
80	80	48	Q_D	31.11	-30.72	4.21
80	80	51	Q_D	21.63	-22.16	21.5
80	80	160	Q_D	39.13	7.44	20.84
80	80	157	Q_D	48.73	-1.78	3.55
80	80	48	N_D	3.73	-3.69	0.5
80	80	51	N_D	2.6	-2.66	2.58
80	80	160	N_D	4.7	0.89	2.5
80	80	157	N_D	5.85	-0.21	0.43
80	80	48	T+_D	0.	0.	0.
80	80	51	T+_D	0.	0.	0.
80	80	160	T+_D	0.	0.	0.
80	80	157	T+_D	0.	0.	0.
80	80	48	T-_D	0.	0.	0.
80	80	51	T-_D	0.	0.	0.
80	80	160	T-_D	0.	0.	0.
80	80	157	T-_D	0.	0.	0.
80	80	48	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
80	80	51	W+_K	0.	0.	0.
80	80	160	W+_K	0.	0.	0.
80	80	157	W+_K	0.	0.	0.
80	80	48	W-_K	0.	0.	0.
80	80	51	W-_K	0.	0.	0.
80	80	160	W-_K	0.	0.	0.
80	80	157	W-_K	0.	0.	0.
80	80	48	W+_D	0.	0.	0.
80	80	51	W+_D	0.	0.	0.
80	80	160	W+_D	0.	0.	0.
80	80	157	W+_D	0.	0.	0.
80	80	48	W-_D	0.	0.	0.
80	80	51	W-_D	0.	0.	0.
80	80	160	W-_D	0.	0.	0.
80	80	157	W-_D	0.	0.	0.
80	80	48	SISMA SLV X	25.91	16.93	11.49
80	80	51	SISMA SLV X	16.24	8.01	11.25
80	80	160	SISMA SLV X	25.73	21.18	11.25
80	80	157	SISMA SLV X	35.46	33.72	11.32
80	80	48	SISMA SLV Y	11.64	7.55	25.54
80	80	51	SISMA SLV Y	12.08	16.65	24.69
80	80	160	SISMA SLV Y	15.66	21.89	21.75
80	80	157	SISMA SLV Y	15.88	15.77	22.58
80	80	48	SISMA SLD X	12.65	8.27	5.61
80	80	51	SISMA SLD X	7.93	3.91	5.5
80	80	160	SISMA SLD X	12.57	10.35	5.49
80	80	157	SISMA SLD X	17.32	16.47	5.53
80	80	48	SISMA SLD Y	5.68	3.69	12.47
80	80	51	SISMA SLD Y	5.9	8.13	12.06
80	80	160	SISMA SLD Y	7.65	10.69	10.62
80	80	157	SISMA SLD Y	7.76	7.7	11.03
80	80	48	SISMA SLO X	10.48	6.84	4.65
80	80	51	SISMA SLO X	6.57	3.24	4.55
80	80	160	SISMA SLO X	10.41	8.57	4.55
80	80	157	SISMA SLO X	14.35	13.64	4.58
80	80	48	SISMA SLO Y	4.71	3.05	10.33
80	80	51	SISMA SLO Y	4.89	6.73	9.99
80	80	160	SISMA SLO Y	6.34	8.85	8.8
80	80	157	SISMA SLO Y	6.43	6.38	9.13
80	80	48	SLT	0.	0.	0.
80	80	51	SLT	0.	0.	0.
80	80	160	SLT	0.	0.	0.
80	80	157	SLT	0.	0.	0.
80	80	48	~TorsionSISMA SLV X	0.	0.	0.
80	80	51	~TorsionSISMA SLV X	0.	0.	0.
80	80	160	~TorsionSISMA SLV X	0.	0.	0.
80	80	157	~TorsionSISMA SLV X	0.	0.	0.
80	80	48	~TorsionSISMA SLV Y	0.	0.	0.
80	80	51	~TorsionSISMA SLV Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
80	80	160	~TorsionSISMA SLV Y	0.	0.	0.
80	80	157	~TorsionSISMA SLV Y	0.	0.	0.
80	80	48	~TorsionSISMA SLD X	0.	0.	0.
80	80	51	~TorsionSISMA SLD X	0.	0.	0.
80	80	160	~TorsionSISMA SLD X	0.	0.	0.
80	80	157	~TorsionSISMA SLD X	0.	0.	0.
80	80	48	~TorsionSISMA SLD Y	0.	0.	0.
80	80	51	~TorsionSISMA SLD Y	0.	0.	0.
80	80	160	~TorsionSISMA SLD Y	0.	0.	0.
80	80	157	~TorsionSISMA SLD Y	0.	0.	0.
80	80	48	~TorsionSISMA SLO X	0.	0.	0.
80	80	51	~TorsionSISMA SLO X	0.	0.	0.
80	80	160	~TorsionSISMA SLO X	0.	0.	0.
80	80	157	~TorsionSISMA SLO X	0.	0.	0.
80	80	48	~TorsionSISMA SLO Y	0.	0.	0.
80	80	51	~TorsionSISMA SLO Y	0.	0.	0.
80	80	160	~TorsionSISMA SLO Y	0.	0.	0.
80	80	157	~TorsionSISMA SLO Y	0.	0.	0.
81	81	157	G1_K	56.64	1.04	9.51
81	81	160	G1_K	37.7	-29.54	15.07
81	81	52	G1_K	36.63	7.17	-0.55
81	81	49	G1_K	55.33	39.77	-6.12
81	81	157	G2_K	0.82	-8.55	-4.68
81	81	160	G2_K	5.43	-9.87	-10.51
81	81	52	G2_K	13.78	4.85	-10.76
81	81	49	G2_K	9.21	5.73	-4.93
81	81	157	Q_K	35.73	12.94	6.04
81	81	160	Q_K	23.21	-7.27	9.62
81	81	52	Q_K	23.89	16.55	-0.45
81	81	49	Q_K	36.26	38.07	-4.03
81	81	157	N_K	4.29	1.55	0.72
81	81	160	N_K	2.79	-0.87	1.15
81	81	52	N_K	2.87	1.99	-5.396E-02
81	81	49	N_K	4.35	4.57	-0.48
81	81	157	T+_K	0.	0.	0.
81	81	160	T+_K	0.	0.	0.
81	81	52	T+_K	0.	0.	0.
81	81	49	T+_K	0.	0.	0.
81	81	157	T-_K	0.	0.	0.
81	81	160	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
81	81	52	T-_K	0.	0.	0.
81	81	49	T-_K	0.	0.	0.
81	81	157	G1_D	73.64	1.35	12.36
81	81	160	G1_D	49.02	-38.41	19.59
81	81	52	G1_D	47.61	9.32	-0.72
81	81	49	G1_D	71.93	51.7	-7.95
81	81	157	G2_D	1.07	-11.11	-6.09
81	81	160	G2_D	7.06	-12.83	-13.66
81	81	52	G2_D	17.91	6.31	-13.98
81	81	49	G2_D	11.97	7.46	-6.41
81	81	157	Q_D	53.6	19.41	9.05
81	81	160	Q_D	34.82	-10.91	14.42
81	81	52	Q_D	35.83	24.83	-0.67
81	81	49	Q_D	54.38	57.11	-6.04
81	81	157	N_D	6.43	2.33	1.09
81	81	160	N_D	4.18	-1.31	1.73
81	81	52	N_D	4.3	2.98	-8.094E-02
81	81	49	N_D	6.53	6.85	-0.73
81	81	157	T+_D	0.	0.	0.
81	81	160	T+_D	0.	0.	0.
81	81	52	T+_D	0.	0.	0.
81	81	49	T+_D	0.	0.	0.
81	81	157	T-_D	0.	0.	0.
81	81	160	T-_D	0.	0.	0.
81	81	52	T-_D	0.	0.	0.
81	81	49	T-_D	0.	0.	0.
81	81	157	W+_K	0.	0.	0.
81	81	160	W+_K	0.	0.	0.
81	81	52	W+_K	0.	0.	0.
81	81	49	W+_K	0.	0.	0.
81	81	157	W-_K	0.	0.	0.
81	81	160	W-_K	0.	0.	0.
81	81	52	W-_K	0.	0.	0.
81	81	49	W-_K	0.	0.	0.
81	81	157	W+_D	0.	0.	0.
81	81	160	W+_D	0.	0.	0.
81	81	52	W+_D	0.	0.	0.
81	81	49	W+_D	0.	0.	0.
81	81	157	W-_D	0.	0.	0.
81	81	160	W-_D	0.	0.	0.
81	81	52	W-_D	0.	0.	0.
81	81	49	W-_D	0.	0.	0.
81	81	157	SISMA SLV X	34.6	33.58	8.11
81	81	160	SISMA SLV X	25.99	18.2	14.38
81	81	52	SISMA SLV X	26.25	15.03	17.99
81	81	49	SISMA SLV X	34.65	29.79	9.39
81	81	157	SISMA SLV Y	15.63	15.08	18.05
81	81	160	SISMA SLV Y	16.	18.49	23.2
81	81	52	SISMA SLV Y	14.77	18.07	21.48
81	81	49	SISMA SLV Y	16.15	13.67	15.89
81	81	157	SISMA SLD X	16.9	16.4	3.96
81	81	160	SISMA SLD X	12.69	8.89	7.02
81	81	52	SISMA SLD X	12.82	7.34	8.79
81	81	49	SISMA SLD X	16.93	14.55	4.59

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
81	81	157	SISMA SLD Y	7.63	7.37	8.82
81	81	160	SISMA SLD Y	7.81	9.03	11.33
81	81	52	SISMA SLD Y	7.22	8.82	10.49
81	81	49	SISMA SLD Y	7.89	6.68	7.76
81	81	157	SISMA SLO X	14.	13.58	3.28
81	81	160	SISMA SLO X	10.51	7.36	5.82
81	81	52	SISMA SLO X	10.62	6.08	7.28
81	81	49	SISMA SLO X	14.02	12.05	3.8
81	81	157	SISMA SLO Y	6.32	6.1	7.3
81	81	160	SISMA SLO Y	6.47	7.48	9.38
81	81	52	SISMA SLO Y	5.98	7.31	8.69
81	81	49	SISMA SLO Y	6.54	5.53	6.43
81	81	157	SLT	0.	0.	0.
81	81	160	SLT	0.	0.	0.
81	81	52	SLT	0.	0.	0.
81	81	49	SLT	0.	0.	0.
81	81	157	~TorsionSISMA SLV X	0.	0.	0.
81	81	160	~TorsionSISMA SLV X	0.	0.	0.
81	81	52	~TorsionSISMA SLV X	0.	0.	0.
81	81	49	~TorsionSISMA SLV X	0.	0.	0.
81	81	157	~TorsionSISMA SLV Y	0.	0.	0.
81	81	160	~TorsionSISMA SLV Y	0.	0.	0.
81	81	52	~TorsionSISMA SLV Y	0.	0.	0.
81	81	49	~TorsionSISMA SLV Y	0.	0.	0.
81	81	157	~TorsionSISMA SLD X	0.	0.	0.
81	81	160	~TorsionSISMA SLD X	0.	0.	0.
81	81	52	~TorsionSISMA SLD X	0.	0.	0.
81	81	49	~TorsionSISMA SLD X	0.	0.	0.
81	81	157	~TorsionSISMA SLD Y	0.	0.	0.
81	81	160	~TorsionSISMA SLD Y	0.	0.	0.
81	81	52	~TorsionSISMA SLD Y	0.	0.	0.
81	81	49	~TorsionSISMA SLD Y	0.	0.	0.
81	81	157	~TorsionSISMA SLO X	0.	0.	0.
81	81	160	~TorsionSISMA SLO X	0.	0.	0.
81	81	52	~TorsionSISMA SLO X	0.	0.	0.
81	81	49	~TorsionSISMA SLO X	0.	0.	0.
81	81	157	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
81	81	160	~TorsionSISMA SLO Y	0.	0.	0.
81	81	52	~TorsionSISMA SLO Y	0.	0.	0.
81	81	49	~TorsionSISMA SLO Y	0.	0.	0.
82	82	49	G1_K	73.92	123.12	23.48
82	82	52	G1_K	40.87	37.94	-34.47
82	82	126	G1_K	-7.11	83.17	-72.5
82	82	121	G1_K	25.96	169.14	-14.55
82	82	49	G2_K	5.56	-6.69	-9.19
82	82	52	G2_K	13.77	-0.95	-4.98
82	82	126	G2_K	33.68	14.88	-0.79
82	82	121	G2_K	25.41	9.2	-5.
82	82	49	Q_K	46.39	82.86	14.9
82	82	52	Q_K	25.04	28.18	-22.22
82	82	126	Q_K	-4.2	57.62	-46.52
82	82	121	Q_K	17.15	112.82	-9.4
82	82	49	N_K	5.57	9.94	1.79
82	82	52	N_K	3.	3.38	-2.67
82	82	126	N_K	-0.5	6.91	-5.58
82	82	121	N_K	2.06	13.54	-1.13
82	82	49	T+_K	0.	0.	0.
82	82	52	T+_K	0.	0.	0.
82	82	126	T+_K	0.	0.	0.
82	82	121	T+_K	0.	0.	0.
82	82	49	T-_K	0.	0.	0.
82	82	52	T-_K	0.	0.	0.
82	82	126	T-_K	0.	0.	0.
82	82	121	T-_K	0.	0.	0.
82	82	49	G1_D	96.09	160.06	30.53
82	82	52	G1_D	53.12	49.32	-44.81
82	82	126	G1_D	-9.24	108.11	-94.25
82	82	121	G1_D	33.75	219.88	-18.91
82	82	49	G2_D	7.23	-8.7	-11.94
82	82	52	G2_D	17.91	-1.23	-6.47
82	82	126	G2_D	43.79	19.34	-1.02
82	82	121	G2_D	33.03	11.96	-6.5
82	82	49	Q_D	69.58	124.29	22.35
82	82	52	Q_D	37.56	42.26	-33.32
82	82	126	Q_D	-6.3	86.43	-69.77
82	82	121	Q_D	25.73	169.23	-14.1
82	82	49	N_D	8.35	14.92	2.68
82	82	52	N_D	4.51	5.07	-4.
82	82	126	N_D	-0.76	10.37	-8.37
82	82	121	N_D	3.09	20.31	-1.69
82	82	49	T+_D	0.	0.	0.
82	82	52	T+_D	0.	0.	0.
82	82	126	T+_D	0.	0.	0.
82	82	121	T+_D	0.	0.	0.
82	82	49	T-_D	0.	0.	0.
82	82	52	T-_D	0.	0.	0.
82	82	126	T-_D	0.	0.	0.
82	82	121	T-_D	0.	0.	0.
82	82	49	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
82	82	52	W+_K	0.	0.	0.
82	82	126	W+_K	0.	0.	0.
82	82	121	W+_K	0.	0.	0.
82	82	49	W-_K	0.	0.	0.
82	82	52	W-_K	0.	0.	0.
82	82	126	W-_K	0.	0.	0.
82	82	121	W-_K	0.	0.	0.
82	82	49	W+_D	0.	0.	0.
82	82	52	W+_D	0.	0.	0.
82	82	126	W+_D	0.	0.	0.
82	82	121	W+_D	0.	0.	0.
82	82	49	W-_D	0.	0.	0.
82	82	52	W-_D	0.	0.	0.
82	82	126	W-_D	0.	0.	0.
82	82	121	W-_D	0.	0.	0.
82	82	49	SISMA SLV X	33.54	34.07	9.8
82	82	52	SISMA SLV X	29.75	23.18	21.01
82	82	126	SISMA SLV X	23.92	12.94	23.41
82	82	121	SISMA SLV X	26.	20.12	8.22
82	82	49	SISMA SLV Y	16.27	15.29	21.75
82	82	52	SISMA SLV Y	15.45	11.27	17.1
82	82	126	SISMA SLV Y	17.77	5.04	14.29
82	82	121	SISMA SLV Y	11.69	8.14	17.16
82	82	49	SISMA SLD X	16.38	16.64	4.78
82	82	52	SISMA SLD X	14.53	11.32	10.26
82	82	126	SISMA SLD X	11.68	6.32	11.43
82	82	121	SISMA SLD X	12.7	9.83	4.02
82	82	49	SISMA SLD Y	7.95	7.47	10.62
82	82	52	SISMA SLD Y	7.55	5.51	8.35
82	82	126	SISMA SLD Y	8.68	2.46	6.98
82	82	121	SISMA SLD Y	5.71	3.98	8.38
82	82	49	SISMA SLO X	13.57	13.78	3.96
82	82	52	SISMA SLO X	12.04	9.38	8.5
82	82	126	SISMA SLO X	9.68	5.23	9.47
82	82	121	SISMA SLO X	10.52	8.14	3.33
82	82	49	SISMA SLO Y	6.58	6.19	8.8
82	82	52	SISMA SLO Y	6.25	4.56	6.92
82	82	126	SISMA SLO Y	7.19	2.04	5.78
82	82	121	SISMA SLO Y	4.73	3.29	6.94
82	82	49	SLT	0.	0.	0.
82	82	52	SLT	0.	0.	0.
82	82	126	SLT	0.	0.	0.
82	82	121	SLT	0.	0.	0.
82	82	49	~TorsionSISMA SLV X	0.	0.	0.
82	82	52	~TorsionSISMA SLV X	0.	0.	0.
82	82	126	~TorsionSISMA SLV X	0.	0.	0.
82	82	121	~TorsionSISMA SLV X	0.	0.	0.
82	82	49	~TorsionSISMA SLV Y	0.	0.	0.
82	82	52	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
82	82	126	~TorsionSISMA SLV Y	0.	0.	0.
82	82	121	~TorsionSISMA SLV Y	0.	0.	0.
82	82	49	~TorsionSISMA SLD X	0.	0.	0.
82	82	52	~TorsionSISMA SLD X	0.	0.	0.
82	82	126	~TorsionSISMA SLD X	0.	0.	0.
82	82	121	~TorsionSISMA SLD X	0.	0.	0.
82	82	49	~TorsionSISMA SLD Y	0.	0.	0.
82	82	52	~TorsionSISMA SLD Y	0.	0.	0.
82	82	126	~TorsionSISMA SLD Y	0.	0.	0.
82	82	121	~TorsionSISMA SLD Y	0.	0.	0.
82	82	49	~TorsionSISMA SLO X	0.	0.	0.
82	82	52	~TorsionSISMA SLO X	0.	0.	0.
82	82	126	~TorsionSISMA SLO X	0.	0.	0.
82	82	121	~TorsionSISMA SLO X	0.	0.	0.
82	82	49	~TorsionSISMA SLO Y	0.	0.	0.
82	82	52	~TorsionSISMA SLO Y	0.	0.	0.
82	82	126	~TorsionSISMA SLO Y	0.	0.	0.
82	82	121	~TorsionSISMA SLO Y	0.	0.	0.
83	83	158	G1_K	-23.21	-112.47	5.91
83	83	102	G1_K	-24.23	-124.71	5.46
83	83	18	G1_K	-10.45	-101.46	14.41
83	83	50	G1_K	-9.32	-90.42	14.86
83	83	158	G2_K	-14.76	-58.19	-5.86
83	83	102	G2_K	-16.32	-97.23	-1.24
83	83	18	G2_K	-4.94	-60.48	-14.26
83	83	50	G2_K	-3.36	-22.82	-18.88
83	83	158	Q_K	-3.93	-23.26	2.54
83	83	102	Q_K	-5.87	-25.72	0.12
83	83	18	Q_K	-4.28	-19.82	4.6
83	83	50	Q_K	-2.22	-17.95	7.02
83	83	158	N_K	-0.47	-2.79	0.31
83	83	102	N_K	-0.7	-3.09	1.448E-02
83	83	18	N_K	-0.51	-2.38	0.55
83	83	50	N_K	-0.27	-2.15	0.84
83	83	158	T+_K	0.	0.	0.
83	83	102	T+_K	0.	0.	0.
83	83	18	T+_K	0.	0.	0.
83	83	50	T+_K	0.	0.	0.
83	83	158	T-_K	0.	0.	0.
83	83	102	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
83	83	18	T-_K	0.	0.	0.
83	83	50	T-_K	0.	0.	0.
83	83	158	G1_D	-30.17	-146.22	7.68
83	83	102	G1_D	-31.5	-162.12	7.09
83	83	18	G1_D	-13.59	-131.9	18.73
83	83	50	G1_D	-12.11	-117.55	19.32
83	83	158	G2_D	-19.19	-75.65	-7.61
83	83	102	G2_D	-21.22	-126.4	-1.62
83	83	18	G2_D	-6.42	-78.63	-18.54
83	83	50	G2_D	-4.37	-29.66	-24.54
83	83	158	Q_D	-5.89	-34.89	3.81
83	83	102	Q_D	-8.8	-38.58	0.18
83	83	18	Q_D	-6.42	-29.73	6.9
83	83	50	Q_D	-3.34	-26.93	10.54
83	83	158	N_D	-0.71	-4.19	0.46
83	83	102	N_D	-1.06	-4.63	2.172E-02
83	83	18	N_D	-0.77	-3.57	0.83
83	83	50	N_D	-0.4	-3.23	1.26
83	83	158	T+_D	0.	0.	0.
83	83	102	T+_D	0.	0.	0.
83	83	18	T+_D	0.	0.	0.
83	83	50	T+_D	0.	0.	0.
83	83	158	T-_D	0.	0.	0.
83	83	102	T-_D	0.	0.	0.
83	83	18	T-_D	0.	0.	0.
83	83	50	T-_D	0.	0.	0.
83	83	158	W+_K	0.	0.	0.
83	83	102	W+_K	0.	0.	0.
83	83	18	W+_K	0.	0.	0.
83	83	50	W+_K	0.	0.	0.
83	83	158	W-_K	0.	0.	0.
83	83	102	W-_K	0.	0.	0.
83	83	18	W-_K	0.	0.	0.
83	83	50	W-_K	0.	0.	0.
83	83	158	W+_D	0.	0.	0.
83	83	102	W+_D	0.	0.	0.
83	83	18	W+_D	0.	0.	0.
83	83	50	W+_D	0.	0.	0.
83	83	158	W-_D	0.	0.	0.
83	83	102	W-_D	0.	0.	0.
83	83	18	W-_D	0.	0.	0.
83	83	50	W-_D	0.	0.	0.
83	83	158	SISMA SLV X	16.51	82.08	8.66
83	83	102	SISMA SLV X	22.24	111.7	4.56
83	83	18	SISMA SLV X	10.84	65.83	11.41
83	83	50	SISMA SLV X	4.75	35.74	15.79
83	83	158	SISMA SLV Y	7.38	36.8	18.18
83	83	102	SISMA SLV Y	12.28	62.25	9.07
83	83	18	SISMA SLV Y	11.6	56.71	22.68
83	83	50	SISMA SLV Y	3.41	17.4	31.93
83	83	158	SISMA SLD X	8.06	40.09	4.23
83	83	102	SISMA SLD X	10.86	54.56	2.23
83	83	18	SISMA SLD X	5.29	32.15	5.57
83	83	50	SISMA SLD X	2.32	17.46	7.71

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
83	83	158	SISMA SLD Y	3.6	17.97	8.88
83	83	102	SISMA SLD Y	6.	30.4	4.43
83	83	18	SISMA SLD Y	5.67	27.7	11.08
83	83	50	SISMA SLD Y	1.66	8.5	15.59
83	83	158	SISMA SLO X	6.68	33.21	3.5
83	83	102	SISMA SLO X	9.	45.2	1.85
83	83	18	SISMA SLO X	4.39	26.64	4.61
83	83	50	SISMA SLO X	1.92	14.46	6.38
83	83	158	SISMA SLO Y	2.99	14.89	7.35
83	83	102	SISMA SLO Y	4.97	25.19	3.66
83	83	18	SISMA SLO Y	4.69	22.94	9.17
83	83	50	SISMA SLO Y	1.38	7.04	12.91
83	83	158	SLT	0.	0.	0.
83	83	102	SLT	0.	0.	0.
83	83	18	SLT	0.	0.	0.
83	83	50	SLT	0.	0.	0.
83	83	158	~TorsionSISMA SLV X	0.	0.	0.
83	83	102	~TorsionSISMA SLV X	0.	0.	0.
83	83	18	~TorsionSISMA SLV X	0.	0.	0.
83	83	50	~TorsionSISMA SLV X	0.	0.	0.
83	83	158	~TorsionSISMA SLV Y	0.	0.	0.
83	83	102	~TorsionSISMA SLV Y	0.	0.	0.
83	83	18	~TorsionSISMA SLV Y	0.	0.	0.
83	83	50	~TorsionSISMA SLV Y	0.	0.	0.
83	83	158	~TorsionSISMA SLD X	0.	0.	0.
83	83	102	~TorsionSISMA SLD X	0.	0.	0.
83	83	18	~TorsionSISMA SLD X	0.	0.	0.
83	83	50	~TorsionSISMA SLD X	0.	0.	0.
83	83	158	~TorsionSISMA SLD Y	0.	0.	0.
83	83	102	~TorsionSISMA SLD Y	0.	0.	0.
83	83	18	~TorsionSISMA SLD Y	0.	0.	0.
83	83	50	~TorsionSISMA SLD Y	0.	0.	0.
83	83	158	~TorsionSISMA SLO X	0.	0.	0.
83	83	102	~TorsionSISMA SLO X	0.	0.	0.
83	83	18	~TorsionSISMA SLO X	0.	0.	0.
83	83	50	~TorsionSISMA SLO X	0.	0.	0.
83	83	158	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
83	83	102	~TorsionSISMA SLO Y	0.	0.	0.
83	83	18	~TorsionSISMA SLO Y	0.	0.	0.
83	83	50	~TorsionSISMA SLO Y	0.	0.	0.
84	84	50	G1_K	-4.41	-82.65	18.89
84	84	18	G1_K	-7.59	-70.4	-0.83
84	84	136	G1_K	-12.46	-72.72	1.46
84	84	159	G1_K	-9.02	-85.01	21.18
84	84	50	G2_K	-8.11	-37.14	-18.33
84	84	18	G2_K	-2.931E-03	-45.21	-13.14
84	84	136	G2_K	2.21	-29.95	-9.38
84	84	159	G2_K	-5.71	-22.91	-14.57
84	84	50	Q_K	0.78	-16.97	10.47
84	84	18	Q_K	-5.98	-14.28	-1.46
84	84	136	Q_K	-9.97	-15.42	0.66
84	84	159	Q_K	-3.08	-18.12	12.59
84	84	50	N_K	9.321E-02	-2.04	1.26
84	84	18	N_K	-0.72	-1.71	-0.17
84	84	136	N_K	-1.2	-1.85	7.955E-02
84	84	159	N_K	-0.37	-2.17	1.51
84	84	50	T+_K	0.	0.	0.
84	84	18	T+_K	0.	0.	0.
84	84	136	T+_K	0.	0.	0.
84	84	159	T+_K	0.	0.	0.
84	84	50	T-_K	0.	0.	0.
84	84	18	T-_K	0.	0.	0.
84	84	136	T-_K	0.	0.	0.
84	84	159	T-_K	0.	0.	0.
84	84	50	G1_D	-5.73	-107.44	24.56
84	84	18	G1_D	-9.87	-91.51	-1.08
84	84	136	G1_D	-16.19	-94.54	1.9
84	84	159	G1_D	-11.72	-110.51	27.54
84	84	50	G2_D	-10.54	-48.29	-23.83
84	84	18	G2_D	-3.811E-03	-58.77	-17.08
84	84	136	G2_D	2.87	-38.93	-12.19
84	84	159	G2_D	-7.42	-29.79	-18.94
84	84	50	Q_D	1.17	-25.45	15.7
84	84	18	Q_D	-8.97	-21.43	-2.18
84	84	136	Q_D	-14.95	-23.13	0.99
84	84	159	Q_D	-4.62	-27.19	18.88
84	84	50	N_D	0.14	-3.05	1.88
84	84	18	N_D	-1.08	-2.57	-0.26
84	84	136	N_D	-1.79	-2.78	0.12
84	84	159	N_D	-0.55	-3.26	2.27
84	84	50	T+_D	0.	0.	0.
84	84	18	T+_D	0.	0.	0.
84	84	136	T+_D	0.	0.	0.
84	84	159	T+_D	0.	0.	0.
84	84	50	T-_D	0.	0.	0.
84	84	18	T-_D	0.	0.	0.
84	84	136	T-_D	0.	0.	0.
84	84	159	T-_D	0.	0.	0.
84	84	50	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
84	84	18	W+_K	0.	0.	0.
84	84	136	W+_K	0.	0.	0.
84	84	159	W+_K	0.	0.	0.
84	84	50	W-_K	0.	0.	0.
84	84	18	W-_K	0.	0.	0.
84	84	136	W-_K	0.	0.	0.
84	84	159	W-_K	0.	0.	0.
84	84	50	W+_D	0.	0.	0.
84	84	18	W+_D	0.	0.	0.
84	84	136	W+_D	0.	0.	0.
84	84	159	W+_D	0.	0.	0.
84	84	50	W-_D	0.	0.	0.
84	84	18	W-_D	0.	0.	0.
84	84	136	W-_D	0.	0.	0.
84	84	159	W-_D	0.	0.	0.
84	84	50	SISMA SLV X	2.58	38.95	14.6
84	84	18	SISMA SLV X	12.07	52.6	8.79
84	84	136	SISMA SLV X	12.17	34.44	5.
84	84	159	SISMA SLV X	3.73	20.46	12.88
84	84	50	SISMA SLV Y	2.42	18.26	30.27
84	84	18	SISMA SLV Y	8.4	34.51	11.18
84	84	136	SISMA SLV Y	11.98	39.66	7.15
84	84	159	SISMA SLV Y	6.68	19.34	26.88
84	84	50	SISMA SLD X	1.26	19.03	7.13
84	84	18	SISMA SLD X	5.9	25.69	4.29
84	84	136	SISMA SLD X	5.94	16.82	2.44
84	84	159	SISMA SLD X	1.82	9.99	6.29
84	84	50	SISMA SLD Y	1.18	8.92	14.78
84	84	18	SISMA SLD Y	4.1	16.86	5.46
84	84	136	SISMA SLD Y	5.85	19.37	3.49
84	84	159	SISMA SLD Y	3.26	9.44	13.13
84	84	50	SISMA SLO X	1.04	15.76	5.9
84	84	18	SISMA SLO X	4.88	21.28	3.56
84	84	136	SISMA SLO X	4.92	13.93	2.02
84	84	159	SISMA SLO X	1.5	8.27	5.21
84	84	50	SISMA SLO Y	0.98	7.39	12.24
84	84	18	SISMA SLO Y	3.4	13.96	4.52
84	84	136	SISMA SLO Y	4.85	16.04	2.89
84	84	159	SISMA SLO Y	2.7	7.82	10.87
84	84	50	SLT	0.	0.	0.
84	84	18	SLT	0.	0.	0.
84	84	136	SLT	0.	0.	0.
84	84	159	SLT	0.	0.	0.
84	84	50	~TorsionSISMA SLV X	0.	0.	0.
84	84	18	~TorsionSISMA SLV X	0.	0.	0.
84	84	136	~TorsionSISMA SLV X	0.	0.	0.
84	84	159	~TorsionSISMA SLV X	0.	0.	0.
84	84	50	~TorsionSISMA SLV Y	0.	0.	0.
84	84	18	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
84	84	136	~TorsionSISMA SLV Y	0.	0.	0.
84	84	159	~TorsionSISMA SLV Y	0.	0.	0.
84	84	50	~TorsionSISMA SLD X	0.	0.	0.
84	84	18	~TorsionSISMA SLD X	0.	0.	0.
84	84	136	~TorsionSISMA SLD X	0.	0.	0.
84	84	159	~TorsionSISMA SLD X	0.	0.	0.
84	84	50	~TorsionSISMA SLD Y	0.	0.	0.
84	84	18	~TorsionSISMA SLD Y	0.	0.	0.
84	84	136	~TorsionSISMA SLD Y	0.	0.	0.
84	84	159	~TorsionSISMA SLD Y	0.	0.	0.
84	84	50	~TorsionSISMA SLO X	0.	0.	0.
84	84	18	~TorsionSISMA SLO X	0.	0.	0.
84	84	136	~TorsionSISMA SLO X	0.	0.	0.
84	84	159	~TorsionSISMA SLO X	0.	0.	0.
84	84	50	~TorsionSISMA SLO Y	0.	0.	0.
84	84	18	~TorsionSISMA SLO Y	0.	0.	0.
84	84	136	~TorsionSISMA SLO Y	0.	0.	0.
84	84	159	~TorsionSISMA SLO Y	0.	0.	0.
85	85	159	G1_K	1.84	-71.38	21.31
85	85	136	G1_K	-16.6	-52.8	1.61
85	85	20	G1_K	-26.84	-53.25	4.66
85	85	51	G1_K	-7.99	-72.95	24.36
85	85	159	G2_K	-5.31	-26.08	-15.82
85	85	136	G2_K	-0.35	-37.59	-10.99
85	85	20	G2_K	3.09	-22.37	-12.27
85	85	51	G2_K	-1.72	-11.77	-17.1
85	85	159	Q_K	1.51	-18.07	12.82
85	85	136	Q_K	-13.32	-9.32	1.05
85	85	20	Q_K	-18.14	-8.81	3.54
85	85	51	Q_K	-3.07	-18.23	15.31
85	85	159	N_K	0.18	-2.17	1.54
85	85	136	N_K	-1.6	-1.12	0.13
85	85	20	N_K	-2.18	-1.06	0.43
85	85	51	N_K	-0.37	-2.19	1.84
85	85	159	T+_K	0.	0.	0.
85	85	136	T+_K	0.	0.	0.
85	85	20	T+_K	0.	0.	0.
85	85	51	T+_K	0.	0.	0.
85	85	159	T-_K	0.	0.	0.
85	85	136	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
85	85	20	T-_K	0.	0.	0.
85	85	51	T-_K	0.	0.	0.
85	85	159	G1_D	2.39	-92.79	27.7
85	85	136	G1_D	-21.59	-68.64	2.09
85	85	20	G1_D	-34.89	-69.22	6.05
85	85	51	G1_D	-10.39	-94.83	31.67
85	85	159	G2_D	-6.91	-33.9	-20.57
85	85	136	G2_D	-0.46	-48.86	-14.29
85	85	20	G2_D	4.02	-29.09	-15.95
85	85	51	G2_D	-2.24	-15.3	-22.23
85	85	159	Q_D	2.27	-27.1	19.22
85	85	136	Q_D	-19.99	-13.98	1.57
85	85	20	Q_D	-27.21	-13.22	5.32
85	85	51	Q_D	-4.6	-27.35	22.96
85	85	159	N_D	0.27	-3.25	2.31
85	85	136	N_D	-2.4	-1.68	0.19
85	85	20	N_D	-3.27	-1.59	0.64
85	85	51	N_D	-0.55	-3.28	2.76
85	85	159	T+_D	0.	0.	0.
85	85	136	T+_D	0.	0.	0.
85	85	20	T+_D	0.	0.	0.
85	85	51	T+_D	0.	0.	0.
85	85	159	T-_D	0.	0.	0.
85	85	136	T-_D	0.	0.	0.
85	85	20	T-_D	0.	0.	0.
85	85	51	T-_D	0.	0.	0.
85	85	159	W+_K	0.	0.	0.
85	85	136	W+_K	0.	0.	0.
85	85	20	W+_K	0.	0.	0.
85	85	51	W+_K	0.	0.	0.
85	85	159	W-_K	0.	0.	0.
85	85	136	W-_K	0.	0.	0.
85	85	20	W-_K	0.	0.	0.
85	85	51	W-_K	0.	0.	0.
85	85	159	W+_D	0.	0.	0.
85	85	136	W+_D	0.	0.	0.
85	85	20	W+_D	0.	0.	0.
85	85	51	W+_D	0.	0.	0.
85	85	159	W-_D	0.	0.	0.
85	85	136	W-_D	0.	0.	0.
85	85	20	W-_D	0.	0.	0.
85	85	51	W-_D	0.	0.	0.
85	85	159	SISMA SLV X	8.57	15.99	12.78
85	85	136	SISMA SLV X	19.7	37.7	5.33
85	85	20	SISMA SLV X	20.2	23.11	9.52
85	85	51	SISMA SLV X	10.51	10.69	14.14
85	85	159	SISMA SLV Y	6.21	13.85	26.87
85	85	136	SISMA SLV Y	11.69	24.04	7.62
85	85	20	SISMA SLV Y	16.59	29.83	9.
85	85	51	SISMA SLV Y	12.26	23.3	27.77
85	85	159	SISMA SLD X	4.19	7.81	6.24
85	85	136	SISMA SLD X	9.62	18.41	2.6
85	85	20	SISMA SLD X	9.87	11.29	4.65
85	85	51	SISMA SLD X	5.13	5.22	6.91

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
85	85	159	SISMA SLD Y	3.03	6.77	13.12
85	85	136	SISMA SLD Y	5.71	11.74	3.72
85	85	20	SISMA SLD Y	8.1	14.57	4.4
85	85	51	SISMA SLD Y	5.99	11.38	13.56
85	85	159	SISMA SLO X	3.47	6.47	5.17
85	85	136	SISMA SLO X	7.97	15.25	2.15
85	85	20	SISMA SLO X	8.17	9.35	3.85
85	85	51	SISMA SLO X	4.25	4.32	5.72
85	85	159	SISMA SLO Y	2.51	5.6	10.87
85	85	136	SISMA SLO Y	4.73	9.73	3.08
85	85	20	SISMA SLO Y	6.71	12.07	3.64
85	85	51	SISMA SLO Y	4.96	9.43	11.23
85	85	159	SLT	0.	0.	0.
85	85	136	SLT	0.	0.	0.
85	85	20	SLT	0.	0.	0.
85	85	51	SLT	0.	0.	0.
85	85	159	~TorsionSISMA SLV X	0.	0.	0.
85	85	136	~TorsionSISMA SLV X	0.	0.	0.
85	85	20	~TorsionSISMA SLV X	0.	0.	0.
85	85	51	~TorsionSISMA SLV X	0.	0.	0.
85	85	159	~TorsionSISMA SLV Y	0.	0.	0.
85	85	136	~TorsionSISMA SLV Y	0.	0.	0.
85	85	20	~TorsionSISMA SLV Y	0.	0.	0.
85	85	51	~TorsionSISMA SLV Y	0.	0.	0.
85	85	159	~TorsionSISMA SLD X	0.	0.	0.
85	85	136	~TorsionSISMA SLD X	0.	0.	0.
85	85	20	~TorsionSISMA SLD X	0.	0.	0.
85	85	51	~TorsionSISMA SLD X	0.	0.	0.
85	85	159	~TorsionSISMA SLD Y	0.	0.	0.
85	85	136	~TorsionSISMA SLD Y	0.	0.	0.
85	85	20	~TorsionSISMA SLD Y	0.	0.	0.
85	85	51	~TorsionSISMA SLD Y	0.	0.	0.
85	85	159	~TorsionSISMA SLO X	0.	0.	0.
85	85	136	~TorsionSISMA SLO X	0.	0.	0.
85	85	20	~TorsionSISMA SLO X	0.	0.	0.
85	85	51	~TorsionSISMA SLO X	0.	0.	0.
85	85	159	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
85	85	136	~TorsionSISMA SLO Y	0.	0.	0.
85	85	20	~TorsionSISMA SLO Y	0.	0.	0.
85	85	51	~TorsionSISMA SLO Y	0.	0.	0.
86	86	51	G1_K	4.02	-49.6	27.03
86	86	20	G1_K	-31.55	-40.14	4.93
86	86	138	G1_K	-39.9	-32.14	1.68
86	86	160	G1_K	-4.24	-40.7	23.78
86	86	51	G2_K	-2.49	-19.99	-15.94
86	86	20	G2_K	1.68	-25.04	-14.23
86	86	138	G2_K	3.35	-10.86	-14.07
86	86	160	G2_K	-0.62	-7.03	-15.78
86	86	51	Q_K	2.39	-12.2	17.18
86	86	20	Q_K	-22.42	-8.97	3.66
86	86	138	Q_K	-26.11	-2.84	1.51
86	86	160	Q_K	-1.25	-5.48	15.02
86	86	51	N_K	0.29	-1.46	2.06
86	86	20	N_K	-2.69	-1.08	0.44
86	86	138	N_K	-3.13	-0.34	0.18
86	86	160	N_K	-0.15	-0.66	1.8
86	86	51	T+_K	0.	0.	0.
86	86	20	T+_K	0.	0.	0.
86	86	138	T+_K	0.	0.	0.
86	86	160	T+_K	0.	0.	0.
86	86	51	T-_K	0.	0.	0.
86	86	20	T-_K	0.	0.	0.
86	86	138	T-_K	0.	0.	0.
86	86	160	T-_K	0.	0.	0.
86	86	51	G1_D	5.22	-64.48	35.14
86	86	20	G1_D	-41.02	-52.18	6.41
86	86	138	G1_D	-51.87	-41.78	2.19
86	86	160	G1_D	-5.51	-52.91	30.92
86	86	51	G2_D	-3.24	-25.99	-20.72
86	86	20	G2_D	2.18	-32.55	-18.5
86	86	138	G2_D	4.36	-14.11	-18.29
86	86	160	G2_D	-0.81	-9.14	-20.51
86	86	51	Q_D	3.58	-18.3	25.77
86	86	20	Q_D	-33.63	-13.46	5.5
86	86	138	Q_D	-39.16	-4.26	2.26
86	86	160	Q_D	-1.88	-8.23	22.53
86	86	51	N_D	0.43	-2.2	3.09
86	86	20	N_D	-4.04	-1.61	0.66
86	86	138	N_D	-4.7	-0.51	0.27
86	86	160	N_D	-0.23	-0.99	2.7
86	86	51	T+_D	0.	0.	0.
86	86	20	T+_D	0.	0.	0.
86	86	138	T+_D	0.	0.	0.
86	86	160	T+_D	0.	0.	0.
86	86	51	T-_D	0.	0.	0.
86	86	20	T-_D	0.	0.	0.
86	86	138	T-_D	0.	0.	0.
86	86	160	T-_D	0.	0.	0.
86	86	51	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
86	86	20	W+_K	0.	0.	0.
86	86	138	W+_K	0.	0.	0.
86	86	160	W+_K	0.	0.	0.
86	86	51	W-_K	0.	0.	0.
86	86	20	W-_K	0.	0.	0.
86	86	138	W-_K	0.	0.	0.
86	86	160	W-_K	0.	0.	0.
86	86	51	W+_D	0.	0.	0.
86	86	20	W+_D	0.	0.	0.
86	86	138	W+_D	0.	0.	0.
86	86	160	W+_D	0.	0.	0.
86	86	51	W-_D	0.	0.	0.
86	86	20	W-_D	0.	0.	0.
86	86	138	W-_D	0.	0.	0.
86	86	160	W-_D	0.	0.	0.
86	86	51	SISMA SLV X	13.49	7.17	12.66
86	86	20	SISMA SLV X	24.36	23.45	9.63
86	86	138	SISMA SLV X	22.46	13.28	15.69
86	86	160	SISMA SLV X	16.23	18.43	17.44
86	86	51	SISMA SLV Y	10.34	13.83	23.15
86	86	20	SISMA SLV Y	16.08	16.12	13.3
86	86	138	SISMA SLV Y	17.25	22.24	15.33
86	86	160	SISMA SLV Y	12.91	23.83	24.77
86	86	51	SISMA SLD X	6.59	3.5	6.18
86	86	20	SISMA SLD X	11.9	11.45	4.7
86	86	138	SISMA SLD X	10.97	6.48	7.66
86	86	160	SISMA SLD X	7.93	9.	8.52
86	86	51	SISMA SLD Y	5.05	6.75	11.31
86	86	20	SISMA SLD Y	7.85	7.87	6.49
86	86	138	SISMA SLD Y	8.43	10.86	7.48
86	86	160	SISMA SLD Y	6.3	11.64	12.1
86	86	51	SISMA SLO X	5.46	2.9	5.12
86	86	20	SISMA SLO X	9.85	9.49	3.89
86	86	138	SISMA SLO X	9.09	5.37	6.35
86	86	160	SISMA SLO X	6.57	7.45	7.06
86	86	51	SISMA SLO Y	4.18	5.59	9.36
86	86	20	SISMA SLO Y	6.5	6.52	5.38
86	86	138	SISMA SLO Y	6.98	9.	6.2
86	86	160	SISMA SLO Y	5.22	9.64	10.02
86	86	51	SLT	0.	0.	0.
86	86	20	SLT	0.	0.	0.
86	86	138	SLT	0.	0.	0.
86	86	160	SLT	0.	0.	0.
86	86	51	~TorsionSISMA SLV X	0.	0.	0.
86	86	20	~TorsionSISMA SLV X	0.	0.	0.
86	86	138	~TorsionSISMA SLV X	0.	0.	0.
86	86	160	~TorsionSISMA SLV X	0.	0.	0.
86	86	51	~TorsionSISMA SLV Y	0.	0.	0.
86	86	20	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
86	86	138	~TorsionSISMA SLV Y	0.	0.	0.
86	86	160	~TorsionSISMA SLV Y	0.	0.	0.
86	86	51	~TorsionSISMA SLD X	0.	0.	0.
86	86	20	~TorsionSISMA SLD X	0.	0.	0.
86	86	138	~TorsionSISMA SLD X	0.	0.	0.
86	86	160	~TorsionSISMA SLD X	0.	0.	0.
86	86	51	~TorsionSISMA SLD Y	0.	0.	0.
86	86	20	~TorsionSISMA SLD Y	0.	0.	0.
86	86	138	~TorsionSISMA SLD Y	0.	0.	0.
86	86	160	~TorsionSISMA SLD Y	0.	0.	0.
86	86	51	~TorsionSISMA SLO X	0.	0.	0.
86	86	20	~TorsionSISMA SLO X	0.	0.	0.
86	86	138	~TorsionSISMA SLO X	0.	0.	0.
86	86	160	~TorsionSISMA SLO X	0.	0.	0.
86	86	51	~TorsionSISMA SLO Y	0.	0.	0.
86	86	20	~TorsionSISMA SLO Y	0.	0.	0.
86	86	138	~TorsionSISMA SLO Y	0.	0.	0.
86	86	160	~TorsionSISMA SLO Y	0.	0.	0.
87	87	160	G1_K	0.31	-35.76	16.42
87	87	138	G1_K	-39.7	-13.36	19.38
87	87	15	G1_K	-33.63	22.37	1.97
87	87	52	G1_K	6.39	-0.14	-1.
87	87	160	G2_K	-0.79	-11.09	-19.08
87	87	138	G2_K	1.68	-15.97	-10.76
87	87	15	G2_K	9.54	-0.91	-8.25
87	87	52	G2_K	7.15	3.5	-16.56
87	87	160	Q_K	-0.48	-11.54	10.39
87	87	138	Q_K	-27.16	1.79	12.69
87	87	15	Q_K	-21.42	25.73	1.66
87	87	52	Q_K	5.25	12.35	-0.63
87	87	160	N_K	-5.808E-02	-1.38	1.25
87	87	138	N_K	-3.26	0.21	1.52
87	87	15	N_K	-2.57	3.09	0.2
87	87	52	N_K	0.63	1.48	-7.574E-02
87	87	160	T+_K	0.	0.	0.
87	87	138	T+_K	0.	0.	0.
87	87	15	T+_K	0.	0.	0.
87	87	52	T+_K	0.	0.	0.
87	87	160	T-_K	0.	0.	0.
87	87	138	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
87	87	15	T-_K	0.	0.	0.
87	87	52	T-_K	0.	0.	0.
87	87	160	G1_D	0.4	-46.49	21.34
87	87	138	G1_D	-51.61	-17.37	25.2
87	87	15	G1_D	-43.72	29.09	2.56
87	87	52	G1_D	8.31	-0.19	-1.3
87	87	160	G2_D	-1.02	-14.41	-24.81
87	87	138	G2_D	2.19	-20.76	-13.99
87	87	15	G2_D	12.4	-1.18	-10.72
87	87	52	G2_D	9.29	4.55	-21.53
87	87	160	Q_D	-0.73	-17.3	15.59
87	87	138	Q_D	-40.74	2.68	19.03
87	87	15	Q_D	-32.14	38.6	2.5
87	87	52	Q_D	7.88	18.52	-0.95
87	87	160	N_D	-8.712E-02	-2.08	1.87
87	87	138	N_D	-4.89	0.32	2.28
87	87	15	N_D	-3.86	4.63	0.3
87	87	52	N_D	0.95	2.22	-0.11
87	87	160	T+_D	0.	0.	0.
87	87	138	T+_D	0.	0.	0.
87	87	15	T+_D	0.	0.	0.
87	87	52	T+_D	0.	0.	0.
87	87	160	T-_D	0.	0.	0.
87	87	138	T-_D	0.	0.	0.
87	87	15	T-_D	0.	0.	0.
87	87	52	T-_D	0.	0.	0.
87	87	160	W+_K	0.	0.	0.
87	87	138	W+_K	0.	0.	0.
87	87	15	W+_K	0.	0.	0.
87	87	52	W+_K	0.	0.	0.
87	87	160	W-_K	0.	0.	0.
87	87	138	W-_K	0.	0.	0.
87	87	15	W-_K	0.	0.	0.
87	87	52	W-_K	0.	0.	0.
87	87	160	W+_D	0.	0.	0.
87	87	138	W+_D	0.	0.	0.
87	87	15	W+_D	0.	0.	0.
87	87	52	W+_D	0.	0.	0.
87	87	160	W-_D	0.	0.	0.
87	87	138	W-_D	0.	0.	0.
87	87	15	W-_D	0.	0.	0.
87	87	52	W-_D	0.	0.	0.
87	87	160	SISMA SLV X	13.06	9.93	18.66
87	87	138	SISMA SLV X	21.14	9.96	12.75
87	87	15	SISMA SLV X	14.88	8.48	17.16
87	87	52	SISMA SLV X	19.33	19.47	23.6
87	87	160	SISMA SLV Y	9.38	13.82	21.45
87	87	138	SISMA SLV Y	15.8	8.64	18.55
87	87	15	SISMA SLV Y	13.54	13.9	20.58
87	87	52	SISMA SLV Y	10.85	21.01	23.69
87	87	160	SISMA SLD X	6.38	4.85	9.11
87	87	138	SISMA SLD X	10.33	4.86	6.23
87	87	15	SISMA SLD X	7.27	4.14	8.38
87	87	52	SISMA SLD X	9.44	9.51	11.53

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
87	87	160	SISMA SLD Y	4.58	6.75	10.47
87	87	138	SISMA SLD Y	7.72	4.22	9.06
87	87	15	SISMA SLD Y	6.62	6.79	10.05
87	87	52	SISMA SLD Y	5.3	10.26	11.57
87	87	160	SISMA SLO X	5.29	4.01	7.55
87	87	138	SISMA SLO X	8.55	4.03	5.16
87	87	15	SISMA SLO X	6.02	3.43	6.94
87	87	52	SISMA SLO X	7.82	7.88	9.55
87	87	160	SISMA SLO Y	3.79	5.59	8.67
87	87	138	SISMA SLO Y	6.39	3.5	7.5
87	87	15	SISMA SLO Y	5.48	5.62	8.32
87	87	52	SISMA SLO Y	4.39	8.5	9.58
87	87	160	SLT	0.	0.	0.
87	87	138	SLT	0.	0.	0.
87	87	15	SLT	0.	0.	0.
87	87	52	SLT	0.	0.	0.
87	87	160	~TorsionSISMA SLV X	0.	0.	0.
87	87	138	~TorsionSISMA SLV X	0.	0.	0.
87	87	15	~TorsionSISMA SLV X	0.	0.	0.
87	87	52	~TorsionSISMA SLV X	0.	0.	0.
87	87	160	~TorsionSISMA SLV Y	0.	0.	0.
87	87	138	~TorsionSISMA SLV Y	0.	0.	0.
87	87	15	~TorsionSISMA SLV Y	0.	0.	0.
87	87	52	~TorsionSISMA SLV Y	0.	0.	0.
87	87	160	~TorsionSISMA SLD X	0.	0.	0.
87	87	138	~TorsionSISMA SLD X	0.	0.	0.
87	87	15	~TorsionSISMA SLD X	0.	0.	0.
87	87	52	~TorsionSISMA SLD X	0.	0.	0.
87	87	160	~TorsionSISMA SLD Y	0.	0.	0.
87	87	138	~TorsionSISMA SLD Y	0.	0.	0.
87	87	15	~TorsionSISMA SLD Y	0.	0.	0.
87	87	52	~TorsionSISMA SLD Y	0.	0.	0.
87	87	160	~TorsionSISMA SLO X	0.	0.	0.
87	87	138	~TorsionSISMA SLO X	0.	0.	0.
87	87	15	~TorsionSISMA SLO X	0.	0.	0.
87	87	52	~TorsionSISMA SLO X	0.	0.	0.
87	87	160	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
87	87	138	~TorsionSISMA SLO Y	0.	0.	0.
87	87	15	~TorsionSISMA SLO Y	0.	0.	0.
87	87	52	~TorsionSISMA SLO Y	0.	0.	0.
88	88	52	G1_K	5.47	27.08	-38.95
88	88	15	G1_K	-32.17	-2.2	53.8
88	88	106	G1_K	-4.13	60.32	2.34
88	88	126	G1_K	32.48	94.87	-90.42
88	88	52	G2_K	7.17	-2.33	-9.6
88	88	15	G2_K	7.69	-4.18	-13.93
88	88	106	G2_K	11.71	9.68	-8.66
88	88	126	G2_K	11.38	10.49	-4.33
88	88	52	Q_K	2.68	21.03	-25.04
88	88	15	Q_K	-21.89	1.88	34.83
88	88	106	Q_K	-2.08	42.96	1.75
88	88	126	Q_K	21.82	65.5	-58.12
88	88	52	N_K	0.32	2.52	-3.
88	88	15	N_K	-2.63	0.23	4.18
88	88	106	N_K	-0.25	5.16	0.21
88	88	126	N_K	2.62	7.86	-6.97
88	88	52	T+_K	0.	0.	0.
88	88	15	T+_K	0.	0.	0.
88	88	106	T+_K	0.	0.	0.
88	88	126	T+_K	0.	0.	0.
88	88	52	T-_K	0.	0.	0.
88	88	15	T-_K	0.	0.	0.
88	88	106	T-_K	0.	0.	0.
88	88	126	T-_K	0.	0.	0.
88	88	52	G1_D	7.11	35.2	-50.64
88	88	15	G1_D	-41.82	-2.86	69.94
88	88	106	G1_D	-5.37	78.42	3.04
88	88	126	G1_D	42.22	123.33	-117.54
88	88	52	G2_D	9.32	-3.04	-12.48
88	88	15	G2_D	10.	-5.44	-18.1
88	88	106	G2_D	15.22	12.59	-11.25
88	88	126	G2_D	14.8	13.63	-5.62
88	88	52	Q_D	4.02	31.54	-37.56
88	88	15	Q_D	-32.83	2.82	52.24
88	88	106	Q_D	-3.11	64.44	2.62
88	88	126	Q_D	32.73	98.25	-87.18
88	88	52	N_D	0.48	3.78	-4.51
88	88	15	N_D	-3.94	0.34	6.27
88	88	106	N_D	-0.37	7.73	0.31
88	88	126	N_D	3.93	11.79	-10.46
88	88	52	T+_D	0.	0.	0.
88	88	15	T+_D	0.	0.	0.
88	88	106	T+_D	0.	0.	0.
88	88	126	T+_D	0.	0.	0.
88	88	52	T-_D	0.	0.	0.
88	88	15	T-_D	0.	0.	0.
88	88	106	T-_D	0.	0.	0.
88	88	126	T-_D	0.	0.	0.
88	88	52	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
88	88	15	W+_K	0.	0.	0.
88	88	106	W+_K	0.	0.	0.
88	88	126	W+_K	0.	0.	0.
88	88	52	W-_K	0.	0.	0.
88	88	15	W-_K	0.	0.	0.
88	88	106	W-_K	0.	0.	0.
88	88	126	W-_K	0.	0.	0.
88	88	52	W+_D	0.	0.	0.
88	88	15	W+_D	0.	0.	0.
88	88	106	W+_D	0.	0.	0.
88	88	126	W+_D	0.	0.	0.
88	88	52	W-_D	0.	0.	0.
88	88	15	W-_D	0.	0.	0.
88	88	106	W-_D	0.	0.	0.
88	88	126	W-_D	0.	0.	0.
88	88	52	SISMA SLV X	9.73	7.48	26.55
88	88	15	SISMA SLV X	9.61	6.03	14.81
88	88	106	SISMA SLV X	5.21	10.57	10.12
88	88	126	SISMA SLV X	18.36	13.22	28.61
88	88	52	SISMA SLV Y	4.71	3.3	20.5
88	88	15	SISMA SLV Y	13.35	13.39	27.23
88	88	106	SISMA SLV Y	9.47	16.15	13.26
88	88	126	SISMA SLV Y	8.45	5.65	13.21
88	88	52	SISMA SLD X	4.75	3.65	12.97
88	88	15	SISMA SLD X	4.69	2.95	7.23
88	88	106	SISMA SLD X	2.55	5.16	4.94
88	88	126	SISMA SLD X	8.97	6.46	13.97
88	88	52	SISMA SLD Y	2.3	1.61	10.01
88	88	15	SISMA SLD Y	6.52	6.54	13.3
88	88	106	SISMA SLD Y	4.63	7.89	6.48
88	88	126	SISMA SLD Y	4.13	2.76	6.45
88	88	52	SISMA SLO X	3.94	3.03	10.74
88	88	15	SISMA SLO X	3.89	2.44	5.99
88	88	106	SISMA SLO X	2.11	4.28	4.09
88	88	126	SISMA SLO X	7.43	5.35	11.58
88	88	52	SISMA SLO Y	1.9	1.34	8.29
88	88	15	SISMA SLO Y	5.4	5.41	11.01
88	88	106	SISMA SLO Y	3.83	6.53	5.36
88	88	126	SISMA SLO Y	3.42	2.29	5.34
88	88	52	SLT	0.	0.	0.
88	88	15	SLT	0.	0.	0.
88	88	106	SLT	0.	0.	0.
88	88	126	SLT	0.	0.	0.
88	88	52	~TorsionSISMA SLV X	0.	0.	0.
88	88	15	~TorsionSISMA SLV X	0.	0.	0.
88	88	106	~TorsionSISMA SLV X	0.	0.	0.
88	88	126	~TorsionSISMA SLV X	0.	0.	0.
88	88	52	~TorsionSISMA SLV Y	0.	0.	0.
88	88	15	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
88	88	106	~TorsionSISMA SLV Y	0.	0.	0.
88	88	126	~TorsionSISMA SLV Y	0.	0.	0.
88	88	52	~TorsionSISMA SLD X	0.	0.	0.
88	88	15	~TorsionSISMA SLD X	0.	0.	0.
88	88	106	~TorsionSISMA SLD X	0.	0.	0.
88	88	126	~TorsionSISMA SLD X	0.	0.	0.
88	88	52	~TorsionSISMA SLD Y	0.	0.	0.
88	88	15	~TorsionSISMA SLD Y	0.	0.	0.
88	88	106	~TorsionSISMA SLD Y	0.	0.	0.
88	88	126	~TorsionSISMA SLD Y	0.	0.	0.
88	88	52	~TorsionSISMA SLO X	0.	0.	0.
88	88	15	~TorsionSISMA SLO X	0.	0.	0.
88	88	106	~TorsionSISMA SLO X	0.	0.	0.
88	88	126	~TorsionSISMA SLO X	0.	0.	0.
88	88	52	~TorsionSISMA SLO Y	0.	0.	0.
88	88	15	~TorsionSISMA SLO Y	0.	0.	0.
88	88	106	~TorsionSISMA SLO Y	0.	0.	0.
88	88	126	~TorsionSISMA SLO Y	0.	0.	0.
89	89	101	G1_K	-30.55	-151.48	-6.66
89	89	172	G1_K	-25.72	-129.84	-2.25
89	89	53	G1_K	-7.59	-107.57	-6.64
89	89	25	G1_K	-12.48	-128.8	-11.05
89	89	101	G2_K	163.06	529.52	-12.16
89	89	172	G2_K	72.79	649.73	-10.01
89	89	53	G2_K	-38.53	137.26	97.06
89	89	25	G2_K	53.41	27.68	94.92
89	89	101	Q_K	-9.19	-42.72	-1.
89	89	172	Q_K	-6.33	-34.85	-0.31
89	89	53	Q_K	-1.41	-25.52	-1.97
89	89	25	Q_K	-4.33	-33.19	-2.67
89	89	101	N_K	-1.1	-5.13	-0.12
89	89	172	N_K	-0.76	-4.18	-3.697E-02
89	89	53	N_K	-0.17	-3.06	-0.24
89	89	25	N_K	-0.52	-3.98	-0.32
89	89	101	T+_K	0.	0.	0.
89	89	172	T+_K	0.	0.	0.
89	89	53	T+_K	0.	0.	0.
89	89	25	T+_K	0.	0.	0.
89	89	101	T-_K	0.	0.	0.
89	89	172	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
89	89	53	T-_K	0.	0.	0.
89	89	25	T-_K	0.	0.	0.
89	89	101	G1_D	-39.71	-196.92	-8.65
89	89	172	G1_D	-33.43	-168.79	-2.93
89	89	53	G1_D	-9.86	-139.84	-8.64
89	89	25	G1_D	-16.23	-167.44	-14.36
89	89	101	G2_D	211.98	688.38	-15.8
89	89	172	G2_D	94.62	844.64	-13.01
89	89	53	G2_D	-50.09	178.44	126.18
89	89	25	G2_D	69.44	35.99	123.39
89	89	101	Q_D	-13.78	-64.08	-1.5
89	89	172	Q_D	-9.49	-52.27	-0.46
89	89	53	Q_D	-2.11	-38.27	-2.96
89	89	25	Q_D	-6.49	-49.78	-4.
89	89	101	N_D	-1.65	-7.69	-0.18
89	89	172	N_D	-1.14	-6.27	-5.545E-02
89	89	53	N_D	-0.25	-4.59	-0.35
89	89	25	N_D	-0.78	-5.97	-0.48
89	89	101	T+_D	0.	0.	0.
89	89	172	T+_D	0.	0.	0.
89	89	53	T+_D	0.	0.	0.
89	89	25	T+_D	0.	0.	0.
89	89	101	T-_D	0.	0.	0.
89	89	172	T-_D	0.	0.	0.
89	89	53	T-_D	0.	0.	0.
89	89	25	T-_D	0.	0.	0.
89	89	101	W+_K	0.	0.	0.
89	89	172	W+_K	0.	0.	0.
89	89	53	W+_K	0.	0.	0.
89	89	25	W+_K	0.	0.	0.
89	89	101	W-_K	0.	0.	0.
89	89	172	W-_K	0.	0.	0.
89	89	53	W-_K	0.	0.	0.
89	89	25	W-_K	0.	0.	0.
89	89	101	W+_D	0.	0.	0.
89	89	172	W+_D	0.	0.	0.
89	89	53	W+_D	0.	0.	0.
89	89	25	W+_D	0.	0.	0.
89	89	101	W-_D	0.	0.	0.
89	89	172	W-_D	0.	0.	0.
89	89	53	W-_D	0.	0.	0.
89	89	25	W-_D	0.	0.	0.
89	89	101	SISMA SLV X	19.54	90.8	7.19
89	89	172	SISMA SLV X	13.94	76.56	10.84
89	89	53	SISMA SLV X	4.14	34.59	20.24
89	89	25	SISMA SLV X	9.71	51.63	16.58
89	89	101	SISMA SLV Y	16.23	76.5	11.36
89	89	172	SISMA SLV Y	7.28	40.84	16.14
89	89	53	SISMA SLV Y	2.15	27.16	31.42
89	89	25	SISMA SLV Y	11.69	68.47	26.61
89	89	101	SISMA SLD X	9.55	44.35	3.51
89	89	172	SISMA SLD X	6.81	37.4	5.29
89	89	53	SISMA SLD X	2.02	16.89	9.89
89	89	25	SISMA SLD X	4.74	25.22	8.1

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
89	89	101	SISMA SLD Y	7.93	37.36	5.55
89	89	172	SISMA SLD Y	3.55	19.95	7.88
89	89	53	SISMA SLD Y	1.05	13.27	15.34
89	89	25	SISMA SLD Y	5.71	33.44	13.
89	89	101	SISMA SLO X	7.91	36.73	2.91
89	89	172	SISMA SLO X	5.64	30.98	4.38
89	89	53	SISMA SLO X	1.67	13.99	8.19
89	89	25	SISMA SLO X	3.93	20.89	6.71
89	89	101	SISMA SLO Y	6.57	30.94	4.59
89	89	172	SISMA SLO Y	2.94	16.52	6.53
89	89	53	SISMA SLO Y	0.87	10.99	12.71
89	89	25	SISMA SLO Y	4.73	27.69	10.76
89	89	101	SLT	0.	0.	0.
89	89	172	SLT	0.	0.	0.
89	89	53	SLT	0.	0.	0.
89	89	25	SLT	0.	0.	0.
89	89	101	~TorsionSISMA SLV X	0.	0.	0.
89	89	172	~TorsionSISMA SLV X	0.	0.	0.
89	89	53	~TorsionSISMA SLV X	0.	0.	0.
89	89	25	~TorsionSISMA SLV X	0.	0.	0.
89	89	101	~TorsionSISMA SLV Y	0.	0.	0.
89	89	172	~TorsionSISMA SLV Y	0.	0.	0.
89	89	53	~TorsionSISMA SLV Y	0.	0.	0.
89	89	25	~TorsionSISMA SLV Y	0.	0.	0.
89	89	101	~TorsionSISMA SLD X	0.	0.	0.
89	89	172	~TorsionSISMA SLD X	0.	0.	0.
89	89	53	~TorsionSISMA SLD X	0.	0.	0.
89	89	25	~TorsionSISMA SLD X	0.	0.	0.
89	89	101	~TorsionSISMA SLD Y	0.	0.	0.
89	89	172	~TorsionSISMA SLD Y	0.	0.	0.
89	89	53	~TorsionSISMA SLD Y	0.	0.	0.
89	89	25	~TorsionSISMA SLD Y	0.	0.	0.
89	89	101	~TorsionSISMA SLO X	0.	0.	0.
89	89	172	~TorsionSISMA SLO X	0.	0.	0.
89	89	53	~TorsionSISMA SLO X	0.	0.	0.
89	89	25	~TorsionSISMA SLO X	0.	0.	0.
89	89	101	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
89	89	172	~TorsionSISMA SLO Y	0.	0.	0.
89	89	53	~TorsionSISMA SLO Y	0.	0.	0.
89	89	25	~TorsionSISMA SLO Y	0.	0.	0.
90	90	25	G1_K	-8.86	-95.35	0.93
90	90	53	G1_K	-2.22	-96.08	-9.1
90	90	173	G1_K	-4.38	-89.22	-8.08
90	90	146	G1_K	-11.21	-88.36	1.95
90	90	25	G2_K	146.67	110.85	94.18
90	90	53	G2_K	-146.76	-20.76	104.57
90	90	173	G2_K	-186.56	-229.89	58.63
90	90	146	G2_K	108.4	-95.63	48.24
90	90	25	Q_K	-4.65	-24.13	1.31
90	90	53	Q_K	1.14	-23.42	-4.5
90	90	173	Q_K	-0.94	-19.13	-5.51
90	90	146	Q_K	-6.83	-19.74	0.3
90	90	25	N_K	-0.56	-2.9	0.16
90	90	53	N_K	0.14	-2.81	-0.54
90	90	173	N_K	-0.11	-2.3	-0.66
90	90	146	N_K	-0.82	-2.37	3.637E-02
90	90	25	T+_K	0.	0.	0.
90	90	53	T+_K	0.	0.	0.
90	90	173	T+_K	0.	0.	0.
90	90	146	T+_K	0.	0.	0.
90	90	25	T-_K	0.	0.	0.
90	90	53	T-_K	0.	0.	0.
90	90	173	T-_K	0.	0.	0.
90	90	146	T-_K	0.	0.	0.
90	90	25	G1_D	-11.51	-123.95	1.21
90	90	53	G1_D	-2.89	-124.9	-11.84
90	90	173	G1_D	-5.7	-115.99	-10.5
90	90	146	G1_D	-14.58	-114.87	2.54
90	90	25	G2_D	190.67	144.1	122.43
90	90	53	G2_D	-190.79	-26.99	135.94
90	90	173	G2_D	-242.52	-298.86	76.22
90	90	146	G2_D	140.92	-124.31	62.71
90	90	25	Q_D	-6.97	-36.2	1.97
90	90	53	Q_D	1.71	-35.13	-6.75
90	90	173	Q_D	-1.4	-28.69	-8.26
90	90	146	Q_D	-10.24	-29.61	0.45
90	90	25	N_D	-0.84	-4.34	0.24
90	90	53	N_D	0.2	-4.22	-0.81
90	90	173	N_D	-0.17	-3.44	-0.99
90	90	146	N_D	-1.23	-3.55	5.456E-02
90	90	25	T+_D	0.	0.	0.
90	90	53	T+_D	0.	0.	0.
90	90	173	T+_D	0.	0.	0.
90	90	146	T+_D	0.	0.	0.
90	90	25	T-_D	0.	0.	0.
90	90	53	T-_D	0.	0.	0.
90	90	173	T-_D	0.	0.	0.
90	90	146	T-_D	0.	0.	0.
90	90	25	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
90	90	53	W+_K	0.	0.	0.
90	90	173	W+_K	0.	0.	0.
90	90	146	W+_K	0.	0.	0.
90	90	25	W-_K	0.	0.	0.
90	90	53	W-_K	0.	0.	0.
90	90	173	W-_K	0.	0.	0.
90	90	146	W-_K	0.	0.	0.
90	90	25	W+_D	0.	0.	0.
90	90	53	W+_D	0.	0.	0.
90	90	173	W+_D	0.	0.	0.
90	90	146	W+_D	0.	0.	0.
90	90	25	W-_D	0.	0.	0.
90	90	53	W-_D	0.	0.	0.
90	90	173	W-_D	0.	0.	0.
90	90	146	W-_D	0.	0.	0.
90	90	25	SISMA SLV X	10.67	39.9	11.43
90	90	53	SISMA SLV X	2.24	30.46	18.37
90	90	173	SISMA SLV X	7.57	11.29	16.81
90	90	146	SISMA SLV X	5.85	22.26	9.93
90	90	25	SISMA SLV Y	9.98	48.8	16.93
90	90	53	SISMA SLV Y	2.29	22.19	28.37
90	90	173	SISMA SLV Y	3.5	20.88	24.04
90	90	146	SISMA SLV Y	10.73	49.07	12.54
90	90	25	SISMA SLD X	5.21	19.49	5.58
90	90	53	SISMA SLD X	1.09	14.88	8.97
90	90	173	SISMA SLD X	3.7	5.51	8.21
90	90	146	SISMA SLD X	2.86	10.87	4.85
90	90	25	SISMA SLD Y	4.87	23.83	8.27
90	90	53	SISMA SLD Y	1.12	10.84	13.86
90	90	173	SISMA SLD Y	1.71	10.2	11.74
90	90	146	SISMA SLD Y	5.24	23.97	6.13
90	90	25	SISMA SLO X	4.32	16.14	4.62
90	90	53	SISMA SLO X	0.9	12.32	7.43
90	90	173	SISMA SLO X	3.06	4.56	6.8
90	90	146	SISMA SLO X	2.37	9	4.02
90	90	25	SISMA SLO Y	4.04	19.74	6.85
90	90	53	SISMA SLO Y	0.92	8.97	11.48
90	90	173	SISMA SLO Y	1.41	8.45	9.73
90	90	146	SISMA SLO Y	4.34	19.85	5.07
90	90	25	SLT	0.	0.	0.
90	90	53	SLT	0.	0.	0.
90	90	173	SLT	0.	0.	0.
90	90	146	SLT	0.	0.	0.
90	90	25	~TorsionSISMA SLV X	0.	0.	0.
90	90	53	~TorsionSISMA SLV X	0.	0.	0.
90	90	173	~TorsionSISMA SLV X	0.	0.	0.
90	90	146	~TorsionSISMA SLV X	0.	0.	0.
90	90	25	~TorsionSISMA SLV Y	0.	0.	0.
90	90	53	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
90	90	173	~TorsionSISMA SLV Y	0.	0.	0.
90	90	146	~TorsionSISMA SLV Y	0.	0.	0.
90	90	25	~TorsionSISMA SLD X	0.	0.	0.
90	90	53	~TorsionSISMA SLD X	0.	0.	0.
90	90	173	~TorsionSISMA SLD X	0.	0.	0.
90	90	146	~TorsionSISMA SLD X	0.	0.	0.
90	90	25	~TorsionSISMA SLD Y	0.	0.	0.
90	90	53	~TorsionSISMA SLD Y	0.	0.	0.
90	90	173	~TorsionSISMA SLD Y	0.	0.	0.
90	90	146	~TorsionSISMA SLD Y	0.	0.	0.
90	90	25	~TorsionSISMA SLO X	0.	0.	0.
90	90	53	~TorsionSISMA SLO X	0.	0.	0.
90	90	173	~TorsionSISMA SLO X	0.	0.	0.
90	90	146	~TorsionSISMA SLO X	0.	0.	0.
90	90	25	~TorsionSISMA SLO Y	0.	0.	0.
90	90	53	~TorsionSISMA SLO Y	0.	0.	0.
90	90	173	~TorsionSISMA SLO Y	0.	0.	0.
90	90	146	~TorsionSISMA SLO Y	0.	0.	0.
91	91	146	G1_K	-11.51	-59.72	4.22
91	91	173	G1_K	5.22	-71.34	-9.94
91	91	54	G1_K	-0.66	-63.4	-12.41
91	91	27	G1_K	-17.66	-51.27	1.74
91	91	146	G2_K	138.77	-139.21	46.14
91	91	173	G2_K	-236.5	-284.17	64.18
91	91	54	G2_K	-230.27	-321.06	-5.141E-02
91	91	27	G2_K	145.46	-175.57	-18.09
91	91	146	Q_K	-8.51	-9.88	1.74
91	91	173	Q_K	3.39	-15.73	-7.11
91	91	54	Q_K	1.05	-11.49	-9.19
91	91	27	Q_K	-11.02	-5.35	-0.35
91	91	146	N_K	-1.02	-1.19	0.21
91	91	173	N_K	0.41	-1.89	-0.85
91	91	54	N_K	0.13	-1.38	-1.1
91	91	27	N_K	-1.32	-0.64	-4.146E-02
91	91	146	T+_K	0.	0.	0.
91	91	173	T+_K	0.	0.	0.
91	91	54	T+_K	0.	0.	0.
91	91	27	T+_K	0.	0.	0.
91	91	146	T-_K	0.	0.	0.
91	91	173	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
91	91	54	T-_K	0.	0.	0.
91	91	27	T-_K	0.	0.	0.
91	91	146	G1_D	-14.97	-77.64	5.48
91	91	173	G1_D	6.79	-92.74	-12.92
91	91	54	G1_D	-0.85	-82.42	-16.13
91	91	27	G1_D	-22.95	-66.65	2.27
91	91	146	G2_D	180.4	-180.97	59.98
91	91	173	G2_D	-307.45	-369.42	83.43
91	91	54	G2_D	-299.35	-417.38	-6.683E-02
91	91	27	G2_D	189.1	-228.24	-23.52
91	91	146	Q_D	-12.76	-14.82	2.61
91	91	173	Q_D	5.09	-23.59	-10.67
91	91	54	Q_D	1.57	-17.24	-13.79
91	91	27	Q_D	-16.53	-8.03	-0.52
91	91	146	N_D	-1.53	-1.78	0.31
91	91	173	N_D	0.61	-2.83	-1.28
91	91	54	N_D	0.19	-2.07	-1.66
91	91	27	N_D	-1.98	-0.96	-6.219E-02
91	91	146	T+_D	0.	0.	0.
91	91	173	T+_D	0.	0.	0.
91	91	54	T+_D	0.	0.	0.
91	91	27	T+_D	0.	0.	0.
91	91	146	T-_D	0.	0.	0.
91	91	173	T-_D	0.	0.	0.
91	91	54	T-_D	0.	0.	0.
91	91	27	T-_D	0.	0.	0.
91	91	146	W+_K	0.	0.	0.
91	91	173	W+_K	0.	0.	0.
91	91	54	W+_K	0.	0.	0.
91	91	27	W+_K	0.	0.	0.
91	91	146	W-_K	0.	0.	0.
91	91	173	W-_K	0.	0.	0.
91	91	54	W-_K	0.	0.	0.
91	91	27	W-_K	0.	0.	0.
91	91	146	W+_D	0.	0.	0.
91	91	173	W+_D	0.	0.	0.
91	91	54	W+_D	0.	0.	0.
91	91	27	W+_D	0.	0.	0.
91	91	146	W-_D	0.	0.	0.
91	91	173	W-_D	0.	0.	0.
91	91	54	W-_D	0.	0.	0.
91	91	27	W-_D	0.	0.	0.
91	91	146	SISMA SLV X	7.57	16.13	10.69
91	91	173	SISMA SLV X	12.26	10.29	17.24
91	91	54	SISMA SLV X	16.87	31.32	19.58
91	91	27	SISMA SLV X	7.04	31.75	13.57
91	91	146	SISMA SLV Y	9.61	32.32	11.81
91	91	173	SISMA SLV Y	6.84	12.09	25.03
91	91	54	SISMA SLV Y	7.49	20.45	23.58
91	91	27	SISMA SLV Y	13.78	37.92	10.75
91	91	146	SISMA SLD X	3.7	7.88	5.22
91	91	173	SISMA SLD X	5.99	5.03	8.42
91	91	54	SISMA SLD X	8.24	15.3	9.57
91	91	27	SISMA SLD X	3.44	15.51	6.63

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
91	91	146	SISMA SLD Y	4.69	15.79	5.77
91	91	173	SISMA SLD Y	3.34	5.9	12.22
91	91	54	SISMA SLD Y	3.66	9.99	11.52
91	91	27	SISMA SLD Y	6.73	18.52	5.25
91	91	146	SISMA SLO X	3.06	6.52	4.32
91	91	173	SISMA SLO X	4.96	4.16	6.97
91	91	54	SISMA SLO X	6.82	12.67	7.92
91	91	27	SISMA SLO X	2.85	12.85	5.49
91	91	146	SISMA SLO Y	3.89	13.07	4.78
91	91	173	SISMA SLO Y	2.77	4.89	10.12
91	91	54	SISMA SLO Y	3.03	8.27	9.54
91	91	27	SISMA SLO Y	5.58	15.34	4.35
91	91	146	SLT	0.	0.	0.
91	91	173	SLT	0.	0.	0.
91	91	54	SLT	0.	0.	0.
91	91	27	SLT	0.	0.	0.
91	91	146	~TorsionSISMA SLV X	0.	0.	0.
91	91	173	~TorsionSISMA SLV X	0.	0.	0.
91	91	54	~TorsionSISMA SLV X	0.	0.	0.
91	91	27	~TorsionSISMA SLV X	0.	0.	0.
91	91	146	~TorsionSISMA SLV Y	0.	0.	0.
91	91	173	~TorsionSISMA SLV Y	0.	0.	0.
91	91	54	~TorsionSISMA SLV Y	0.	0.	0.
91	91	27	~TorsionSISMA SLV Y	0.	0.	0.
91	91	146	~TorsionSISMA SLD X	0.	0.	0.
91	91	173	~TorsionSISMA SLD X	0.	0.	0.
91	91	54	~TorsionSISMA SLD X	0.	0.	0.
91	91	27	~TorsionSISMA SLD X	0.	0.	0.
91	91	146	~TorsionSISMA SLD Y	0.	0.	0.
91	91	173	~TorsionSISMA SLD Y	0.	0.	0.
91	91	54	~TorsionSISMA SLD Y	0.	0.	0.
91	91	27	~TorsionSISMA SLD Y	0.	0.	0.
91	91	146	~TorsionSISMA SLO X	0.	0.	0.
91	91	173	~TorsionSISMA SLO X	0.	0.	0.
91	91	54	~TorsionSISMA SLO X	0.	0.	0.
91	91	27	~TorsionSISMA SLO X	0.	0.	0.
91	91	146	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
91	91	173	~TorsionSISMA SLO Y	0.	0.	0.
91	91	54	~TorsionSISMA SLO Y	0.	0.	0.
91	91	27	~TorsionSISMA SLO Y	0.	0.	0.
92	92	27	G1_K	-18.7	-20.05	6.77
92	92	54	G1_K	9.69	-48.09	-20.35
92	92	174	G1_K	-4.29	-38.27	-22.23
92	92	148	G1_K	-32.94	-10.12	4.9
92	92	27	G2_K	139.64	-188.91	-7.77
92	92	54	G2_K	-225.04	-310.65	-2.72
92	92	174	G2_K	-213.9	-257.31	-62.56
92	92	148	G2_K	150.21	-136.79	-67.61
92	92	27	Q_K	-13.44	5.65	2.94
92	92	54	Q_K	5.97	-10.01	-14.59
92	92	174	Q_K	-1.76	-3.86	-15.42
92	92	148	Q_K	-21.33	11.86	2.11
92	92	27	N_K	-1.61	0.68	0.35
92	92	54	N_K	0.72	-1.2	-1.75
92	92	174	N_K	-0.21	-0.46	-1.85
92	92	148	N_K	-2.56	1.42	0.25
92	92	27	T+_K	0.	0.	0.
92	92	54	T+_K	0.	0.	0.
92	92	174	T+_K	0.	0.	0.
92	92	148	T+_K	0.	0.	0.
92	92	27	T-_K	0.	0.	0.
92	92	54	T-_K	0.	0.	0.
92	92	174	T-_K	0.	0.	0.
92	92	148	T-_K	0.	0.	0.
92	92	27	G1_D	-24.31	-26.07	8.8
92	92	54	G1_D	12.6	-62.51	-26.46
92	92	174	G1_D	-5.57	-49.75	-28.9
92	92	148	G1_D	-42.83	-13.16	6.36
92	92	27	G2_D	181.54	-245.58	-10.1
92	92	54	G2_D	-292.55	-403.85	-3.54
92	92	174	G2_D	-278.07	-334.5	-81.33
92	92	148	G2_D	195.27	-177.83	-87.89
92	92	27	Q_D	-20.17	8.48	4.41
92	92	54	Q_D	8.96	-15.01	-21.88
92	92	174	Q_D	-2.64	-5.79	-23.13
92	92	148	Q_D	-32.	17.78	3.17
92	92	27	N_D	-2.42	1.02	0.53
92	92	54	N_D	1.07	-1.8	-2.63
92	92	174	N_D	-0.32	-0.7	-2.78
92	92	148	N_D	-3.84	2.13	0.38
92	92	27	T+_D	0.	0.	0.
92	92	54	T+_D	0.	0.	0.
92	92	174	T+_D	0.	0.	0.
92	92	148	T+_D	0.	0.	0.
92	92	27	T-_D	0.	0.	0.
92	92	54	T-_D	0.	0.	0.
92	92	174	T-_D	0.	0.	0.
92	92	148	T-_D	0.	0.	0.
92	92	27	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
92	92	54	W+_K	0.	0.	0.
92	92	174	W+_K	0.	0.	0.
92	92	148	W+_K	0.	0.	0.
92	92	27	W-_K	0.	0.	0.
92	92	54	W-_K	0.	0.	0.
92	92	174	W-_K	0.	0.	0.
92	92	148	W-_K	0.	0.	0.
92	92	27	W+_D	0.	0.	0.
92	92	54	W+_D	0.	0.	0.
92	92	174	W+_D	0.	0.	0.
92	92	148	W+_D	0.	0.	0.
92	92	27	W-_D	0.	0.	0.
92	92	54	W-_D	0.	0.	0.
92	92	174	W-_D	0.	0.	0.
92	92	148	W-_D	0.	0.	0.
92	92	27	SISMA SLV X	6.76	35.01	12.82
92	92	54	SISMA SLV X	17.8	28.75	19.48
92	92	174	SISMA SLV X	22.66	43.44	19.79
92	92	148	SISMA SLV X	9.78	49.89	13.32
92	92	27	SISMA SLV Y	12.23	23.73	11.34
92	92	54	SISMA SLV Y	8.37	15.22	22.3
92	92	174	SISMA SLV Y	10.13	24.29	20.97
92	92	148	SISMA SLV Y	16.43	32.81	10.18
92	92	27	SISMA SLD X	3.3	17.1	6.26
92	92	54	SISMA SLD X	8.69	14.04	9.51
92	92	174	SISMA SLD X	11.07	21.22	9.66
92	92	148	SISMA SLD X	4.78	24.37	6.5
92	92	27	SISMA SLD Y	5.97	11.59	5.54
92	92	54	SISMA SLD Y	4.09	7.43	10.89
92	92	174	SISMA SLD Y	4.95	11.87	10.24
92	92	148	SISMA SLD Y	8.03	16.02	4.97
92	92	27	SISMA SLO X	2.74	14.17	5.19
92	92	54	SISMA SLO X	7.2	11.63	7.88
92	92	174	SISMA SLO X	9.17	17.58	8.01
92	92	148	SISMA SLO X	3.96	20.19	5.39
92	92	27	SISMA SLO Y	4.95	9.6	4.59
92	92	54	SISMA SLO Y	3.39	6.16	9.02
92	92	174	SISMA SLO Y	4.1	9.83	8.48
92	92	148	SISMA SLO Y	6.65	13.27	4.12
92	92	27	SLT	0.	0.	0.
92	92	54	SLT	0.	0.	0.
92	92	174	SLT	0.	0.	0.
92	92	148	SLT	0.	0.	0.
92	92	27	~TorsionSISMA SLV X	0.	0.	0.
92	92	54	~TorsionSISMA SLV X	0.	0.	0.
92	92	174	~TorsionSISMA SLV X	0.	0.	0.
92	92	148	~TorsionSISMA SLV X	0.	0.	0.
92	92	27	~TorsionSISMA SLV Y	0.	0.	0.
92	92	54	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
92	92	174	~TorsionSISMA SLV Y	0.	0.	0.
92	92	148	~TorsionSISMA SLV Y	0.	0.	0.
92	92	27	~TorsionSISMA SLD X	0.	0.	0.
92	92	54	~TorsionSISMA SLD X	0.	0.	0.
92	92	174	~TorsionSISMA SLD X	0.	0.	0.
92	92	148	~TorsionSISMA SLD X	0.	0.	0.
92	92	27	~TorsionSISMA SLD Y	0.	0.	0.
92	92	54	~TorsionSISMA SLD Y	0.	0.	0.
92	92	174	~TorsionSISMA SLD Y	0.	0.	0.
92	92	148	~TorsionSISMA SLD Y	0.	0.	0.
92	92	27	~TorsionSISMA SLO X	0.	0.	0.
92	92	54	~TorsionSISMA SLO X	0.	0.	0.
92	92	174	~TorsionSISMA SLO X	0.	0.	0.
92	92	148	~TorsionSISMA SLO X	0.	0.	0.
92	92	27	~TorsionSISMA SLO Y	0.	0.	0.
92	92	54	~TorsionSISMA SLO Y	0.	0.	0.
92	92	174	~TorsionSISMA SLO Y	0.	0.	0.
92	92	148	~TorsionSISMA SLO Y	0.	0.	0.
93	93	148	G1_K	-36.55	1.49	-21.96
93	93	174	G1_K	4.47	-24.13	-6.19
93	93	55	G1_K	19.42	8.2	8.66
93	93	1	G1_K	-21.6	32.89	-7.11
93	93	148	G2_K	121.99	-74.18	-45.95
93	93	174	G2_K	-166.52	-224.09	-73.56
93	93	55	G2_K	-148.29	-117.65	-125.54
93	93	1	G2_K	138.46	32.32	-97.93
93	93	148	Q_K	-24.81	11.91	-15.27
93	93	174	Q_K	1.62	-4.4	-5.08
93	93	55	Q_K	13.04	17.32	4.4
93	93	1	Q_K	-13.36	33.03	-5.79
93	93	148	N_K	-2.98	1.43	-1.83
93	93	174	N_K	0.19	-0.53	-0.61
93	93	55	N_K	1.57	2.08	0.53
93	93	1	N_K	-1.6	3.96	-0.7
93	93	148	T+_K	0.	0.	0.
93	93	174	T+_K	0.	0.	0.
93	93	55	T+_K	0.	0.	0.
93	93	1	T+_K	0.	0.	0.
93	93	148	T-_K	0.	0.	0.
93	93	174	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
93	93	55	T-_K	0.	0.	0.
93	93	1	T-_K	0.	0.	0.
93	93	148	G1_D	-47.51	1.93	-28.55
93	93	174	G1_D	5.81	-31.37	-8.05
93	93	55	G1_D	25.25	10.66	11.25
93	93	1	G1_D	-28.08	42.75	-9.25
93	93	148	G2_D	158.58	-96.43	-59.73
93	93	174	G2_D	-216.47	-291.32	-95.63
93	93	55	G2_D	-192.78	-152.95	-163.2
93	93	1	G2_D	180.	42.02	-127.3
93	93	148	Q_D	-37.21	17.86	-22.9
93	93	174	Q_D	2.43	-6.59	-7.61
93	93	55	Q_D	19.57	25.98	6.6
93	93	1	Q_D	-20.05	49.54	-8.69
93	93	148	N_D	-4.47	2.14	-2.75
93	93	174	N_D	0.29	-0.79	-0.91
93	93	55	N_D	2.35	3.12	0.79
93	93	1	N_D	-2.41	5.94	-1.04
93	93	148	T+_D	0.	0.	0.
93	93	174	T+_D	0.	0.	0.
93	93	55	T+_D	0.	0.	0.
93	93	1	T+_D	0.	0.	0.
93	93	148	T-_D	0.	0.	0.
93	93	174	T-_D	0.	0.	0.
93	93	55	T-_D	0.	0.	0.
93	93	1	T-_D	0.	0.	0.
93	93	148	W+_K	0.	0.	0.
93	93	174	W+_K	0.	0.	0.
93	93	55	W+_K	0.	0.	0.
93	93	1	W+_K	0.	0.	0.
93	93	148	W-_K	0.	0.	0.
93	93	174	W-_K	0.	0.	0.
93	93	55	W-_K	0.	0.	0.
93	93	1	W-_K	0.	0.	0.
93	93	148	W+_D	0.	0.	0.
93	93	174	W+_D	0.	0.	0.
93	93	55	W+_D	0.	0.	0.
93	93	1	W+_D	0.	0.	0.
93	93	148	W-_D	0.	0.	0.
93	93	174	W-_D	0.	0.	0.
93	93	55	W-_D	0.	0.	0.
93	93	1	W-_D	0.	0.	0.
93	93	148	SISMA SLV X	9.96	43.96	15.9
93	93	174	SISMA SLV X	20.49	39.96	16.55
93	93	55	SISMA SLV X	18.7	31.02	17.08
93	93	1	SISMA SLV X	6.93	35.5	16.09
93	93	148	SISMA SLV Y	15.41	23.9	16.09
93	93	174	SISMA SLV Y	9.24	18.8	14.98
93	93	55	SISMA SLV Y	9.36	17.91	14.08
93	93	1	SISMA SLV Y	12.33	25.08	15.1
93	93	148	SISMA SLD X	4.87	21.47	7.77
93	93	174	SISMA SLD X	10.01	19.52	8.08
93	93	55	SISMA SLD X	9.13	15.15	8.34
93	93	1	SISMA SLD X	3.38	17.34	7.86

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
93	93	148	SISMA SLD Y	7.53	11.67	7.86
93	93	174	SISMA SLD Y	4.51	9.18	7.31
93	93	55	SISMA SLD Y	4.57	8.75	6.88
93	93	1	SISMA SLD Y	6.02	12.25	7.37
93	93	148	SISMA SLO X	4.03	17.79	6.44
93	93	174	SISMA SLO X	8.29	16.17	6.7
93	93	55	SISMA SLO X	7.57	12.55	6.91
93	93	1	SISMA SLO X	2.8	14.37	6.51
93	93	148	SISMA SLO Y	6.24	9.67	6.51
93	93	174	SISMA SLO Y	3.74	7.61	6.06
93	93	55	SISMA SLO Y	3.79	7.25	5.7
93	93	1	SISMA SLO Y	4.99	10.15	6.11
93	93	148	SLT	0.	0.	0.
93	93	174	SLT	0.	0.	0.
93	93	55	SLT	0.	0.	0.
93	93	1	SLT	0.	0.	0.
93	93	148	~TorsionSISMA SLV X	0.	0.	0.
93	93	174	~TorsionSISMA SLV X	0.	0.	0.
93	93	55	~TorsionSISMA SLV X	0.	0.	0.
93	93	1	~TorsionSISMA SLV X	0.	0.	0.
93	93	148	~TorsionSISMA SLV Y	0.	0.	0.
93	93	174	~TorsionSISMA SLV Y	0.	0.	0.
93	93	55	~TorsionSISMA SLV Y	0.	0.	0.
93	93	1	~TorsionSISMA SLV Y	0.	0.	0.
93	93	148	~TorsionSISMA SLD X	0.	0.	0.
93	93	174	~TorsionSISMA SLD X	0.	0.	0.
93	93	55	~TorsionSISMA SLD X	0.	0.	0.
93	93	1	~TorsionSISMA SLD X	0.	0.	0.
93	93	148	~TorsionSISMA SLD Y	0.	0.	0.
93	93	174	~TorsionSISMA SLD Y	0.	0.	0.
93	93	55	~TorsionSISMA SLD Y	0.	0.	0.
93	93	1	~TorsionSISMA SLD Y	0.	0.	0.
93	93	148	~TorsionSISMA SLO X	0.	0.	0.
93	93	174	~TorsionSISMA SLO X	0.	0.	0.
93	93	55	~TorsionSISMA SLO X	0.	0.	0.
93	93	1	~TorsionSISMA SLO X	0.	0.	0.
93	93	148	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
93	93	174	~TorsionSISMA SLO Y	0.	0.	0.
93	93	55	~TorsionSISMA SLO Y	0.	0.	0.
93	93	1	~TorsionSISMA SLO Y	0.	0.	0.
94	94	1	G1_K	-24.35	-6.9	-44.68
94	94	55	G1_K	18.54	29.84	29.55
94	94	130	G1_K	29.09	107.79	84.23
94	94	105	G1_K	-13.06	68.48	10.
94	94	1	G2_K	43.68	-46.06	-95.18
94	94	55	G2_K	-41.4	21.29	-125.76
94	94	130	G2_K	-34.34	107.46	-61.43
94	94	105	G2_K	48.27	34.07	-30.84
94	94	1	Q_K	-16.64	-4.163E-03	-29.88
94	94	55	Q_K	11.05	24.	17.83
94	94	130	Q_K	18.44	71.88	54.52
94	94	105	Q_K	-8.78	46.05	6.81
94	94	1	N_K	-2.	-4.996E-04	-3.59
94	94	55	N_K	1.33	2.88	2.14
94	94	130	N_K	2.21	8.63	6.54
94	94	105	N_K	-1.05	5.53	0.82
94	94	1	T+_K	0.	0.	0.
94	94	55	T+_K	0.	0.	0.
94	94	130	T+_K	0.	0.	0.
94	94	105	T+_K	0.	0.	0.
94	94	1	T-_K	0.	0.	0.
94	94	55	T-_K	0.	0.	0.
94	94	130	T-_K	0.	0.	0.
94	94	105	T-_K	0.	0.	0.
94	94	1	G1_D	-31.65	-8.98	-58.08
94	94	55	G1_D	24.1	38.8	38.42
94	94	130	G1_D	37.81	140.13	109.5
94	94	105	G1_D	-16.98	89.03	13.
94	94	1	G2_D	56.78	-59.88	-123.73
94	94	55	G2_D	-53.82	27.68	-163.49
94	94	130	G2_D	-44.65	139.7	-79.86
94	94	105	G2_D	62.75	44.29	-40.1
94	94	1	Q_D	-24.97	-6.245E-03	-44.82
94	94	55	Q_D	16.58	36.	26.75
94	94	130	Q_D	27.67	107.82	81.78
94	94	105	Q_D	-13.17	69.08	10.21
94	94	1	N_D	-3.	-7.494E-04	-5.38
94	94	55	N_D	1.99	4.32	3.21
94	94	130	N_D	3.32	12.94	9.81
94	94	105	N_D	-1.58	8.29	1.23
94	94	1	T+_D	0.	0.	0.
94	94	55	T+_D	0.	0.	0.
94	94	130	T+_D	0.	0.	0.
94	94	105	T+_D	0.	0.	0.
94	94	1	T-_D	0.	0.	0.
94	94	55	T-_D	0.	0.	0.
94	94	130	T-_D	0.	0.	0.
94	94	105	T-_D	0.	0.	0.
94	94	1	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
94	94	55	W+_K	0.	0.	0.
94	94	130	W+_K	0.	0.	0.
94	94	105	W+_K	0.	0.	0.
94	94	1	W-_K	0.	0.	0.
94	94	55	W-_K	0.	0.	0.
94	94	130	W-_K	0.	0.	0.
94	94	105	W-_K	0.	0.	0.
94	94	1	W+_D	0.	0.	0.
94	94	55	W+_D	0.	0.	0.
94	94	130	W+_D	0.	0.	0.
94	94	105	W+_D	0.	0.	0.
94	94	1	W-_D	0.	0.	0.
94	94	55	W-_D	0.	0.	0.
94	94	130	W-_D	0.	0.	0.
94	94	105	W-_D	0.	0.	0.
94	94	1	SISMA SLV X	9.19	42.05	18.95
94	94	55	SISMA SLV X	12.39	16.05	15.05
94	94	130	SISMA SLV X	9.34	16.85	11.7
94	94	105	SISMA SLV X	5.5	20.02	3.23
94	94	1	SISMA SLV Y	9.62	22.75	18.98
94	94	55	SISMA SLV Y	7.46	6.77	13.64
94	94	130	SISMA SLV Y	7.52	7.34	5.12
94	94	105	SISMA SLV Y	7.72	16.49	4.43
94	94	1	SISMA SLD X	4.49	20.54	9.26
94	94	55	SISMA SLD X	6.05	7.84	7.35
94	94	130	SISMA SLD X	4.56	8.23	5.72
94	94	105	SISMA SLD X	2.69	9.78	1.58
94	94	1	SISMA SLD Y	4.7	11.11	9.27
94	94	55	SISMA SLD Y	3.64	3.31	6.66
94	94	130	SISMA SLD Y	3.67	3.58	2.5
94	94	105	SISMA SLD Y	3.77	8.06	2.16
94	94	1	SISMA SLO X	3.72	17.01	7.67
94	94	55	SISMA SLO X	5.01	6.49	6.09
94	94	130	SISMA SLO X	3.78	6.82	4.74
94	94	105	SISMA SLO X	2.23	8.1	1.3
94	94	1	SISMA SLO Y	3.89	9.21	7.68
94	94	55	SISMA SLO Y	3.02	2.74	5.52
94	94	130	SISMA SLO Y	3.04	2.97	2.07
94	94	105	SISMA SLO Y	3.12	6.67	1.79
94	94	1	SLT	0.	0.	0.
94	94	55	SLT	0.	0.	0.
94	94	130	SLT	0.	0.	0.
94	94	105	SLT	0.	0.	0.
94	94	1	~TorsionSISMA SLV X	0.	0.	0.
94	94	55	~TorsionSISMA SLV X	0.	0.	0.
94	94	130	~TorsionSISMA SLV X	0.	0.	0.
94	94	105	~TorsionSISMA SLV X	0.	0.	0.
94	94	1	~TorsionSISMA SLV Y	0.	0.	0.
94	94	55	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
94	94	130	~TorsionSISMA SLV Y	0.	0.	0.
94	94	105	~TorsionSISMA SLV Y	0.	0.	0.
94	94	1	~TorsionSISMA SLD X	0.	0.	0.
94	94	55	~TorsionSISMA SLD X	0.	0.	0.
94	94	130	~TorsionSISMA SLD X	0.	0.	0.
94	94	105	~TorsionSISMA SLD X	0.	0.	0.
94	94	1	~TorsionSISMA SLD Y	0.	0.	0.
94	94	55	~TorsionSISMA SLD Y	0.	0.	0.
94	94	130	~TorsionSISMA SLD Y	0.	0.	0.
94	94	105	~TorsionSISMA SLD Y	0.	0.	0.
94	94	1	~TorsionSISMA SLO X	0.	0.	0.
94	94	55	~TorsionSISMA SLO X	0.	0.	0.
94	94	130	~TorsionSISMA SLO X	0.	0.	0.
94	94	105	~TorsionSISMA SLO X	0.	0.	0.
94	94	1	~TorsionSISMA SLO Y	0.	0.	0.
94	94	55	~TorsionSISMA SLO Y	0.	0.	0.
94	94	130	~TorsionSISMA SLO Y	0.	0.	0.
94	94	105	~TorsionSISMA SLO Y	0.	0.	0.
95	95	111	G1_K	98.26	76.05	-8.92
95	95	112	G1_K	84.84	48.99	-65.81
95	95	110	G1_K	6.43	79.14	-69.81
95	95	108	G1_K	19.41	109.57	-12.92
95	95	111	G2_K	-173.67	-64.9	41.2
95	95	112	G2_K	-159.01	-56.95	29.91
95	95	110	G2_K	-6.35	-51.5	4.32
95	95	108	G2_K	-20.42	-63.66	15.62
95	95	111	Q_K	61.92	50.53	-3.51
95	95	112	Q_K	53.18	33.93	-41.52
95	95	110	Q_K	5.7	54.23	-45.01
95	95	108	Q_K	14.15	72.98	-6.99
95	95	111	N_K	7.43	6.06	-0.42
95	95	112	N_K	6.38	4.07	-4.98
95	95	110	N_K	0.68	6.51	-5.4
95	95	108	N_K	1.7	8.76	-0.84
95	95	111	T+_K	0.	0.	0.
95	95	112	T+_K	0.	0.	0.
95	95	110	T+_K	0.	0.	0.
95	95	108	T+_K	0.	0.	0.
95	95	111	T-_K	0.	0.	0.
95	95	112	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
95	95	110	T-_K	0.	0.	0.
95	95	108	T-_K	0.	0.	0.
95	95	111	G1_D	127.74	98.87	-11.59
95	95	112	G1_D	110.29	63.69	-85.55
95	95	110	G1_D	8.36	102.88	-90.76
95	95	108	G1_D	25.24	142.44	-16.79
95	95	111	G2_D	-225.77	-84.37	53.56
95	95	112	G2_D	-206.72	-74.04	38.88
95	95	110	G2_D	-8.26	-66.95	5.62
95	95	108	G2_D	-26.54	-82.76	20.3
95	95	111	Q_D	92.88	75.79	-5.26
95	95	112	Q_D	79.78	50.89	-62.28
95	95	110	Q_D	8.55	81.35	-67.52
95	95	108	Q_D	21.22	109.47	-10.49
95	95	111	N_D	11.15	9.09	-0.63
95	95	112	N_D	9.57	6.11	-7.47
95	95	110	N_D	1.03	9.76	-8.1
95	95	108	N_D	2.55	13.14	-1.26
95	95	111	T+_D	0.	0.	0.
95	95	112	T+_D	0.	0.	0.
95	95	110	T+_D	0.	0.	0.
95	95	108	T+_D	0.	0.	0.
95	95	111	T-_D	0.	0.	0.
95	95	112	T-_D	0.	0.	0.
95	95	110	T-_D	0.	0.	0.
95	95	108	T-_D	0.	0.	0.
95	95	111	W+_K	0.	0.	0.
95	95	112	W+_K	0.	0.	0.
95	95	110	W+_K	0.	0.	0.
95	95	108	W+_K	0.	0.	0.
95	95	111	W-_K	0.	0.	0.
95	95	112	W-_K	0.	0.	0.
95	95	110	W-_K	0.	0.	0.
95	95	108	W-_K	0.	0.	0.
95	95	111	W+_D	0.	0.	0.
95	95	112	W+_D	0.	0.	0.
95	95	110	W+_D	0.	0.	0.
95	95	108	W+_D	0.	0.	0.
95	95	111	W-_D	0.	0.	0.
95	95	112	W-_D	0.	0.	0.
95	95	110	W-_D	0.	0.	0.
95	95	108	W-_D	0.	0.	0.
95	95	111	SISMA SLV X	47.74	36.99	27.47
95	95	112	SISMA SLV X	34.98	36.47	37.26
95	95	110	SISMA SLV X	11.99	41.58	18.83
95	95	108	SISMA SLV X	9.66	33.4	8.22
95	95	111	SISMA SLV Y	34.39	18.1	15.14
95	95	112	SISMA SLV Y	27.66	26.89	28.57
95	95	110	SISMA SLV Y	16.88	19.11	16.2
95	95	108	SISMA SLV Y	20.47	29.28	3.76
95	95	111	SISMA SLD X	23.32	18.07	13.42
95	95	112	SISMA SLD X	17.08	17.81	18.2
95	95	110	SISMA SLD X	5.86	20.31	9.2
95	95	108	SISMA SLD X	4.72	16.31	4.01

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
95	95	111	SISMA SLD Y	16.8	8.84	7.4
95	95	112	SISMA SLD Y	13.51	13.13	13.96
95	95	110	SISMA SLD Y	8.24	9.34	7.91
95	95	108	SISMA SLD Y	10.	14.3	1.84
95	95	111	SISMA SLO X	19.32	14.97	11.12
95	95	112	SISMA SLO X	14.15	14.76	15.08
95	95	110	SISMA SLO X	4.85	16.82	7.62
95	95	108	SISMA SLO X	3.91	13.52	3.32
95	95	111	SISMA SLO Y	13.91	7.32	6.13
95	95	112	SISMA SLO Y	11.19	10.88	11.56
95	95	110	SISMA SLO Y	6.83	7.73	6.55
95	95	108	SISMA SLO Y	8.28	11.84	1.52
95	95	111	SLT	0.	0.	0.
95	95	112	SLT	0.	0.	0.
95	95	110	SLT	0.	0.	0.
95	95	108	SLT	0.	0.	0.
95	95	111	~TorsionSISMA SLV X	0.	0.	0.
95	95	112	~TorsionSISMA SLV X	0.	0.	0.
95	95	110	~TorsionSISMA SLV X	0.	0.	0.
95	95	108	~TorsionSISMA SLV X	0.	0.	0.
95	95	111	~TorsionSISMA SLV Y	0.	0.	0.
95	95	112	~TorsionSISMA SLV Y	0.	0.	0.
95	95	110	~TorsionSISMA SLV Y	0.	0.	0.
95	95	108	~TorsionSISMA SLV Y	0.	0.	0.
95	95	111	~TorsionSISMA SLD X	0.	0.	0.
95	95	112	~TorsionSISMA SLD X	0.	0.	0.
95	95	110	~TorsionSISMA SLD X	0.	0.	0.
95	95	108	~TorsionSISMA SLD X	0.	0.	0.
95	95	111	~TorsionSISMA SLD Y	0.	0.	0.
95	95	112	~TorsionSISMA SLD Y	0.	0.	0.
95	95	110	~TorsionSISMA SLD Y	0.	0.	0.
95	95	108	~TorsionSISMA SLD Y	0.	0.	0.
95	95	111	~TorsionSISMA SLO X	0.	0.	0.
95	95	112	~TorsionSISMA SLO X	0.	0.	0.
95	95	110	~TorsionSISMA SLO X	0.	0.	0.
95	95	108	~TorsionSISMA SLO X	0.	0.	0.
95	95	111	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
95	95	112	~TorsionSISMA SLO Y	0.	0.	0.
95	95	110	~TorsionSISMA SLO Y	0.	0.	0.
95	95	108	~TorsionSISMA SLO Y	0.	0.	0.
96	96	103	G1_K	-52.63	-54.3	-54.7
96	96	113	G1_K	191.87	33.84	-94.59
96	96	114	G1_K	-137.05	-149.49	-135.57
96	96	115	G1_K	39.56	209.93	-95.68
96	96	103	G2_K	10.73	12.22	3.33
96	96	113	G2_K	2.46	14.18	10.18
96	96	114	G2_K	-5.01	5.05	18.98
96	96	115	G2_K	-11.86	-11.98	12.13
96	96	103	Q_K	-33.31	-34.37	-34.69
96	96	113	Q_K	123.11	21.82	-60.19
96	96	114	Q_K	-87.46	-95.36	-86.38
96	96	115	Q_K	25.26	134.58	-60.88
96	96	103	N_K	-4.	-4.12	-4.16
96	96	113	N_K	14.77	2.62	-7.22
96	96	114	N_K	-10.5	-11.44	-10.37
96	96	115	N_K	3.03	16.15	-7.31
96	96	103	T+_K	0.	0.	0.
96	96	113	T+_K	0.	0.	0.
96	96	114	T+_K	0.	0.	0.
96	96	115	T+_K	0.	0.	0.
96	96	103	T-_K	0.	0.	0.
96	96	113	T-_K	0.	0.	0.
96	96	114	T-_K	0.	0.	0.
96	96	115	T-_K	0.	0.	0.
96	96	103	G1_D	-68.42	-70.59	-71.12
96	96	113	G1_D	249.43	44.	-122.97
96	96	114	G1_D	-178.16	-194.34	-176.24
96	96	115	G1_D	51.43	272.91	-124.38
96	96	103	G2_D	13.95	15.88	4.33
96	96	113	G2_D	3.2	18.44	13.23
96	96	114	G2_D	-6.52	6.56	24.67
96	96	115	G2_D	-15.41	-15.57	15.77
96	96	103	Q_D	-49.96	-51.55	-52.03
96	96	113	Q_D	184.67	32.73	-90.29
96	96	114	Q_D	-131.19	-143.05	-129.57
96	96	115	Q_D	37.89	201.88	-91.32
96	96	103	N_D	-6.	-6.19	-6.24
96	96	113	N_D	22.16	3.93	-10.83
96	96	114	N_D	-15.74	-17.17	-15.55
96	96	115	N_D	4.55	24.23	-10.96
96	96	103	T+_D	0.	0.	0.
96	96	113	T+_D	0.	0.	0.
96	96	114	T+_D	0.	0.	0.
96	96	115	T+_D	0.	0.	0.
96	96	103	T-_D	0.	0.	0.
96	96	113	T-_D	0.	0.	0.
96	96	114	T-_D	0.	0.	0.
96	96	115	T-_D	0.	0.	0.
96	96	103	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
96	96	113	W+_K	0.	0.	0.
96	96	114	W+_K	0.	0.	0.
96	96	115	W+_K	0.	0.	0.
96	96	103	W-_K	0.	0.	0.
96	96	113	W-_K	0.	0.	0.
96	96	114	W-_K	0.	0.	0.
96	96	115	W-_K	0.	0.	0.
96	96	103	W+_D	0.	0.	0.
96	96	113	W+_D	0.	0.	0.
96	96	114	W+_D	0.	0.	0.
96	96	115	W+_D	0.	0.	0.
96	96	103	W-_D	0.	0.	0.
96	96	113	W-_D	0.	0.	0.
96	96	114	W-_D	0.	0.	0.
96	96	115	W-_D	0.	0.	0.
96	96	103	SISMA SLV X	7.44	7.33	6.52
96	96	113	SISMA SLV X	24.41	17.64	12.05
96	96	114	SISMA SLV X	16.36	18.36	15.3
96	96	115	SISMA SLV X	9.62	29.48	11.35
96	96	103	SISMA SLV Y	10.03	7.06	2.85
96	96	113	SISMA SLV Y	15.35	9.8	10.29
96	96	114	SISMA SLV Y	8.34	11.32	10.03
96	96	115	SISMA SLV Y	14.94	13.92	4.51
96	96	103	SISMA SLD X	3.64	3.58	3.18
96	96	113	SISMA SLD X	11.92	8.61	5.89
96	96	114	SISMA SLD X	7.99	8.97	7.47
96	96	115	SISMA SLD X	4.7	14.4	5.54
96	96	103	SISMA SLD Y	4.9	3.45	1.39
96	96	113	SISMA SLD Y	7.49	4.79	5.03
96	96	114	SISMA SLD Y	4.07	5.53	4.9
96	96	115	SISMA SLD Y	7.3	6.8	2.2
96	96	103	SISMA SLO X	3.01	2.97	2.64
96	96	113	SISMA SLO X	9.88	7.14	4.88
96	96	114	SISMA SLO X	6.62	7.43	6.19
96	96	115	SISMA SLO X	3.89	11.93	4.6
96	96	103	SISMA SLO Y	4.06	2.86	1.15
96	96	113	SISMA SLO Y	6.21	3.97	4.16
96	96	114	SISMA SLO Y	3.37	4.57	4.06
96	96	115	SISMA SLO Y	6.04	5.63	1.83
96	96	103	SLT	0.	0.	0.
96	96	113	SLT	0.	0.	0.
96	96	114	SLT	0.	0.	0.
96	96	115	SLT	0.	0.	0.
96	96	103	~TorsionSISMA SLV X	0.	0.	0.
96	96	113	~TorsionSISMA SLV X	0.	0.	0.
96	96	114	~TorsionSISMA SLV X	0.	0.	0.
96	96	115	~TorsionSISMA SLV X	0.	0.	0.
96	96	103	~TorsionSISMA SLV Y	0.	0.	0.
96	96	113	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
96	96	114	~TorsionSISMA SLV Y	0.	0.	0.
96	96	115	~TorsionSISMA SLV Y	0.	0.	0.
96	96	103	~TorsionSISMA SLD X	0.	0.	0.
96	96	113	~TorsionSISMA SLD X	0.	0.	0.
96	96	114	~TorsionSISMA SLD X	0.	0.	0.
96	96	115	~TorsionSISMA SLD X	0.	0.	0.
96	96	103	~TorsionSISMA SLD Y	0.	0.	0.
96	96	113	~TorsionSISMA SLD Y	0.	0.	0.
96	96	114	~TorsionSISMA SLD Y	0.	0.	0.
96	96	115	~TorsionSISMA SLD Y	0.	0.	0.
96	96	103	~TorsionSISMA SLO X	0.	0.	0.
96	96	113	~TorsionSISMA SLO X	0.	0.	0.
96	96	114	~TorsionSISMA SLO X	0.	0.	0.
96	96	115	~TorsionSISMA SLO X	0.	0.	0.
96	96	103	~TorsionSISMA SLO Y	0.	0.	0.
96	96	113	~TorsionSISMA SLO Y	0.	0.	0.
96	96	114	~TorsionSISMA SLO Y	0.	0.	0.
96	96	115	~TorsionSISMA SLO Y	0.	0.	0.
97	97	115	G1_K	28.25	207.67	-75.94
97	97	114	G1_K	-129.22	-147.92	-83.8
97	97	116	G1_K	-163.28	-194.94	-29.59
97	97	117	G1_K	43.81	255.18	-21.73
97	97	115	G2_K	-1.1	-9.83	10.79
97	97	114	G2_K	-13.18	3.41	26.54
97	97	116	G2_K	-11.27	5.84	33.53
97	97	117	G2_K	-30.57	-35.27	17.78
97	97	115	Q_K	18.28	133.19	-48.33
97	97	114	Q_K	-82.76	-94.43	-53.26
97	97	116	Q_K	-104.49	-124.56	-18.6
97	97	117	Q_K	27.35	163.19	-13.67
97	97	115	N_K	2.19	15.98	-5.8
97	97	114	N_K	-9.93	-11.33	-6.39
97	97	116	N_K	-12.54	-14.95	-2.23
97	97	117	N_K	3.28	19.58	-1.64
97	97	115	T+_K	0.	0.	0.
97	97	114	T+_K	0.	0.	0.
97	97	116	T+_K	0.	0.	0.
97	97	117	T+_K	0.	0.	0.
97	97	115	T-_K	0.	0.	0.
97	97	114	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
97	97	116	T-_K	0.	0.	0.
97	97	117	T-_K	0.	0.	0.
97	97	115	G1_D	36.73	269.97	-98.72
97	97	114	G1_D	-167.98	-192.3	-108.94
97	97	116	G1_D	-212.27	-253.43	-38.47
97	97	117	G1_D	56.96	331.73	-28.24
97	97	115	G2_D	-1.43	-12.77	14.02
97	97	114	G2_D	-17.14	4.44	34.5
97	97	116	G2_D	-14.65	7.59	43.59
97	97	117	G2_D	-39.74	-45.86	23.12
97	97	115	Q_D	27.42	199.78	-72.49
97	97	114	Q_D	-124.14	-141.64	-79.89
97	97	116	Q_D	-156.73	-186.84	-27.91
97	97	117	Q_D	41.02	244.79	-20.51
97	97	115	N_D	3.29	23.97	-8.7
97	97	114	N_D	-14.9	-17.	-9.59
97	97	116	N_D	-18.81	-22.42	-3.35
97	97	117	N_D	4.92	29.37	-2.46
97	97	115	T+_D	0.	0.	0.
97	97	114	T+_D	0.	0.	0.
97	97	116	T+_D	0.	0.	0.
97	97	117	T+_D	0.	0.	0.
97	97	115	T-_D	0.	0.	0.
97	97	114	T-_D	0.	0.	0.
97	97	116	T-_D	0.	0.	0.
97	97	117	T-_D	0.	0.	0.
97	97	115	W+_K	0.	0.	0.
97	97	114	W+_K	0.	0.	0.
97	97	116	W+_K	0.	0.	0.
97	97	117	W+_K	0.	0.	0.
97	97	115	W-_K	0.	0.	0.
97	97	114	W-_K	0.	0.	0.
97	97	116	W-_K	0.	0.	0.
97	97	117	W-_K	0.	0.	0.
97	97	115	W+_D	0.	0.	0.
97	97	114	W+_D	0.	0.	0.
97	97	116	W+_D	0.	0.	0.
97	97	117	W+_D	0.	0.	0.
97	97	115	W-_D	0.	0.	0.
97	97	114	W-_D	0.	0.	0.
97	97	116	W-_D	0.	0.	0.
97	97	117	W-_D	0.	0.	0.
97	97	115	SISMA SLV X	17.37	31.58	10.32
97	97	114	SISMA SLV X	18.3	18.7	14.73
97	97	116	SISMA SLV X	23.41	25.52	18.83
97	97	117	SISMA SLV X	17.99	28.77	12.7
97	97	115	SISMA SLV Y	31.83	14.35	4.08
97	97	114	SISMA SLV Y	9.24	11.11	8.84
97	97	116	SISMA SLV Y	10.63	16.44	10.54
97	97	117	SISMA SLV Y	25.33	20.75	5.6
97	97	115	SISMA SLD X	8.48	15.42	5.04
97	97	114	SISMA SLD X	8.94	9.14	7.19
97	97	116	SISMA SLD X	11.43	12.47	9.2
97	97	117	SISMA SLD X	8.79	14.05	6.2

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
97	97	115	SISMA SLD Y	15.55	7.01	1.99
97	97	114	SISMA SLD Y	4.51	5.42	4.32
97	97	116	SISMA SLD Y	5.19	8.03	5.15
97	97	117	SISMA SLD Y	12.37	10.14	2.73
97	97	115	SISMA SLO X	7.02	12.78	4.18
97	97	114	SISMA SLO X	7.4	7.57	5.96
97	97	116	SISMA SLO X	9.48	10.33	7.62
97	97	117	SISMA SLO X	7.28	11.64	5.14
97	97	115	SISMA SLO Y	12.88	5.8	1.65
97	97	114	SISMA SLO Y	3.73	4.48	3.58
97	97	116	SISMA SLO Y	4.3	6.64	4.26
97	97	117	SISMA SLO Y	10.25	8.39	2.26
97	97	115	SLT	0.	0.	0.
97	97	114	SLT	0.	0.	0.
97	97	116	SLT	0.	0.	0.
97	97	117	SLT	0.	0.	0.
97	97	115	~TorsionSISMA SLV X	0.	0.	0.
97	97	114	~TorsionSISMA SLV X	0.	0.	0.
97	97	116	~TorsionSISMA SLV X	0.	0.	0.
97	97	117	~TorsionSISMA SLV X	0.	0.	0.
97	97	115	~TorsionSISMA SLV Y	0.	0.	0.
97	97	114	~TorsionSISMA SLV Y	0.	0.	0.
97	97	116	~TorsionSISMA SLV Y	0.	0.	0.
97	97	117	~TorsionSISMA SLV Y	0.	0.	0.
97	97	115	~TorsionSISMA SLD X	0.	0.	0.
97	97	114	~TorsionSISMA SLD X	0.	0.	0.
97	97	116	~TorsionSISMA SLD X	0.	0.	0.
97	97	117	~TorsionSISMA SLD X	0.	0.	0.
97	97	115	~TorsionSISMA SLD Y	0.	0.	0.
97	97	114	~TorsionSISMA SLD Y	0.	0.	0.
97	97	116	~TorsionSISMA SLD Y	0.	0.	0.
97	97	117	~TorsionSISMA SLD Y	0.	0.	0.
97	97	115	~TorsionSISMA SLO X	0.	0.	0.
97	97	114	~TorsionSISMA SLO X	0.	0.	0.
97	97	116	~TorsionSISMA SLO X	0.	0.	0.
97	97	117	~TorsionSISMA SLO X	0.	0.	0.
97	97	115	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
97	97	114	~TorsionSISMA SLO Y	0.	0.	0.
97	97	116	~TorsionSISMA SLO Y	0.	0.	0.
97	97	117	~TorsionSISMA SLO Y	0.	0.	0.
98	98	117	G1_K	41.76	254.77	19.2
98	98	116	G1_K	-162.62	-194.81	25.51
98	98	118	G1_K	-128.82	-147.12	80.62
98	98	119	G1_K	29.67	208.13	74.31
98	98	117	G2_K	-1.47	-29.45	24.49
98	98	116	G2_K	-29.92	2.11	39.38
98	98	118	G2_K	10.03	40.59	27.61
98	98	119	G2_K	-30.43	-119.58	12.72
98	98	117	Q_K	26.31	162.99	12.42
98	98	116	Q_K	-104.14	-124.49	16.55
98	98	118	Q_K	-82.52	-94.09	51.7
98	98	119	Q_K	18.96	133.42	47.57
98	98	117	N_K	3.16	19.56	1.49
98	98	116	N_K	-12.5	-14.94	1.99
98	98	118	N_K	-9.9	-11.29	6.2
98	98	119	N_K	2.27	16.01	5.71
98	98	117	T+_K	0.	0.	0.
98	98	116	T+_K	0.	0.	0.
98	98	118	T+_K	0.	0.	0.
98	98	119	T+_K	0.	0.	0.
98	98	117	T-_K	0.	0.	0.
98	98	116	T-_K	0.	0.	0.
98	98	118	T-_K	0.	0.	0.
98	98	119	T-_K	0.	0.	0.
98	98	117	G1_D	54.29	331.2	24.96
98	98	116	G1_D	-211.4	-253.25	33.16
98	98	118	G1_D	-167.47	-191.26	104.81
98	98	119	G1_D	38.57	270.57	96.61
98	98	117	G2_D	-1.91	-38.29	31.84
98	98	116	G2_D	-38.89	2.74	51.2
98	98	118	G2_D	13.05	52.77	35.9
98	98	119	G2_D	-39.56	-155.46	16.54
98	98	117	Q_D	39.47	244.48	18.62
98	98	116	Q_D	-156.21	-186.73	24.82
98	98	118	Q_D	-123.78	-141.14	77.55
98	98	119	Q_D	28.43	200.13	71.35
98	98	117	N_D	4.74	29.34	2.23
98	98	116	N_D	-18.74	-22.41	2.98
98	98	118	N_D	-14.85	-16.94	9.31
98	98	119	N_D	3.41	24.02	8.56
98	98	117	T+_D	0.	0.	0.
98	98	116	T+_D	0.	0.	0.
98	98	118	T+_D	0.	0.	0.
98	98	119	T+_D	0.	0.	0.
98	98	117	T-_D	0.	0.	0.
98	98	116	T-_D	0.	0.	0.
98	98	118	T-_D	0.	0.	0.
98	98	119	T-_D	0.	0.	0.
98	98	117	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
98	98	116	W+_K	0.	0.	0.
98	98	118	W+_K	0.	0.	0.
98	98	119	W+_K	0.	0.	0.
98	98	117	W-_K	0.	0.	0.
98	98	116	W-_K	0.	0.	0.
98	98	118	W-_K	0.	0.	0.
98	98	119	W-_K	0.	0.	0.
98	98	117	W+_D	0.	0.	0.
98	98	116	W+_D	0.	0.	0.
98	98	118	W+_D	0.	0.	0.
98	98	119	W+_D	0.	0.	0.
98	98	117	W-_D	0.	0.	0.
98	98	116	W-_D	0.	0.	0.
98	98	118	W-_D	0.	0.	0.
98	98	119	W-_D	0.	0.	0.
98	98	117	SISMA SLV X	15.22	30.59	15.33
98	98	116	SISMA SLV X	28.47	26.64	23.02
98	98	118	SISMA SLV X	12.72	15.85	24.51
98	98	119	SISMA SLV X	21.93	21.09	17.29
98	98	117	SISMA SLV Y	28.37	20.84	9.12
98	98	116	SISMA SLV Y	12.99	16.98	10.36
98	98	118	SISMA SLV Y	8.21	10.19	11.27
98	98	119	SISMA SLV Y	29.68	11.52	8.86
98	98	117	SISMA SLD X	7.43	14.94	7.49
98	98	116	SISMA SLD X	13.9	13.01	11.24
98	98	118	SISMA SLD X	6.21	7.74	11.97
98	98	119	SISMA SLD X	10.71	10.3	8.45
98	98	117	SISMA SLD Y	13.85	10.18	4.46
98	98	116	SISMA SLD Y	6.34	8.29	5.06
98	98	118	SISMA SLD Y	4.01	4.98	5.5
98	98	119	SISMA SLD Y	14.5	5.63	4.33
98	98	117	SISMA SLO X	6.16	12.38	6.2
98	98	116	SISMA SLO X	11.52	10.78	9.31
98	98	118	SISMA SLO X	5.15	6.41	9.92
98	98	119	SISMA SLO X	8.87	8.54	7.
98	98	117	SISMA SLO Y	11.47	8.43	3.69
98	98	116	SISMA SLO Y	5.25	6.86	4.19
98	98	118	SISMA SLO Y	3.32	4.11	4.56
98	98	119	SISMA SLO Y	12.01	4.66	3.58
98	98	117	SLT	0.	0.	0.
98	98	116	SLT	0.	0.	0.
98	98	118	SLT	0.	0.	0.
98	98	119	SLT	0.	0.	0.
98	98	117	~TorsionSISMA SLV X	0.	0.	0.
98	98	116	~TorsionSISMA SLV X	0.	0.	0.
98	98	118	~TorsionSISMA SLV X	0.	0.	0.
98	98	119	~TorsionSISMA SLV X	0.	0.	0.
98	98	117	~TorsionSISMA SLV Y	0.	0.	0.
98	98	116	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
98	98	118	~TorsionSISMA SLV Y	0.	0.	0.
98	98	119	~TorsionSISMA SLV Y	0.	0.	0.
98	98	117	~TorsionSISMA SLD X	0.	0.	0.
98	98	116	~TorsionSISMA SLD X	0.	0.	0.
98	98	118	~TorsionSISMA SLD X	0.	0.	0.
98	98	119	~TorsionSISMA SLD X	0.	0.	0.
98	98	117	~TorsionSISMA SLD Y	0.	0.	0.
98	98	116	~TorsionSISMA SLD Y	0.	0.	0.
98	98	118	~TorsionSISMA SLD Y	0.	0.	0.
98	98	119	~TorsionSISMA SLD Y	0.	0.	0.
98	98	117	~TorsionSISMA SLO X	0.	0.	0.
98	98	116	~TorsionSISMA SLO X	0.	0.	0.
98	98	118	~TorsionSISMA SLO X	0.	0.	0.
98	98	119	~TorsionSISMA SLO X	0.	0.	0.
98	98	117	~TorsionSISMA SLO Y	0.	0.	0.
98	98	116	~TorsionSISMA SLO Y	0.	0.	0.
98	98	118	~TorsionSISMA SLO Y	0.	0.	0.
98	98	119	~TorsionSISMA SLO Y	0.	0.	0.
99	99	119	G1_K	38.92	209.98	94.29
99	99	118	G1_K	-136.49	-148.66	132.5
99	99	120	G1_K	188.69	36.17	93.24
99	99	104	G1_K	-47.78	-51.42	55.03
99	99	119	G2_K	4.35	-112.63	30.93
99	99	118	G2_K	-6.29	37.33	-8.41
99	99	120	G2_K	144.66	7.64	-49.88
99	99	104	G2_K	40.51	21.07	-10.55
99	99	119	Q_K	25.02	134.63	60.23
99	99	118	Q_K	-87.14	-95.02	84.81
99	99	120	Q_K	120.95	22.91	59.55
99	99	104	Q_K	-30.51	-32.8	34.96
99	99	119	N_K	3.	16.16	7.23
99	99	118	N_K	-10.46	-11.4	10.18
99	99	120	N_K	14.51	2.75	7.15
99	99	104	N_K	-3.66	-3.94	4.2
99	99	119	T+_K	0.	0.	0.
99	99	118	T+_K	0.	0.	0.
99	99	120	T+_K	0.	0.	0.
99	99	104	T+_K	0.	0.	0.
99	99	119	T-_K	0.	0.	0.
99	99	118	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
99	99	120	T-_K	0.	0.	0.
99	99	104	T-_K	0.	0.	0.
99	99	119	G1_D	50.6	272.97	122.58
99	99	118	G1_D	-177.44	-193.26	172.25
99	99	120	G1_D	245.29	47.02	121.21
99	99	104	G1_D	-62.12	-66.85	71.54
99	99	119	G2_D	5.66	-146.41	40.21
99	99	118	G2_D	-8.17	48.53	-10.93
99	99	120	G2_D	188.06	9.93	-64.85
99	99	104	G2_D	52.66	27.39	-13.71
99	99	119	Q_D	37.53	201.95	90.34
99	99	118	Q_D	-130.71	-142.53	127.22
99	99	120	Q_D	181.42	34.37	89.32
99	99	104	Q_D	-45.77	-49.2	52.44
99	99	119	N_D	4.5	24.23	10.84
99	99	118	N_D	-15.68	-17.1	15.27
99	99	120	N_D	21.77	4.12	10.72
99	99	104	N_D	-5.49	-5.9	6.29
99	99	119	T+_D	0.	0.	0.
99	99	118	T+_D	0.	0.	0.
99	99	120	T+_D	0.	0.	0.
99	99	104	T+_D	0.	0.	0.
99	99	119	T-_D	0.	0.	0.
99	99	118	T-_D	0.	0.	0.
99	99	120	T-_D	0.	0.	0.
99	99	104	T-_D	0.	0.	0.
99	99	119	W+_K	0.	0.	0.
99	99	118	W+_K	0.	0.	0.
99	99	120	W+_K	0.	0.	0.
99	99	104	W+_K	0.	0.	0.
99	99	119	W-_K	0.	0.	0.
99	99	118	W-_K	0.	0.	0.
99	99	120	W-_K	0.	0.	0.
99	99	104	W-_K	0.	0.	0.
99	99	119	W+_D	0.	0.	0.
99	99	118	W+_D	0.	0.	0.
99	99	120	W+_D	0.	0.	0.
99	99	104	W+_D	0.	0.	0.
99	99	119	W-_D	0.	0.	0.
99	99	118	W-_D	0.	0.	0.
99	99	120	W-_D	0.	0.	0.
99	99	104	W-_D	0.	0.	0.
99	99	119	SISMA SLV X	9.37	20.86	19.06
99	99	118	SISMA SLV X	14.59	16.46	23.72
99	99	120	SISMA SLV X	24.28	9.98	12.85
99	99	104	SISMA SLV X	12.86	13.74	7.2
99	99	119	SISMA SLV Y	16.78	12.99	9.3
99	99	118	SISMA SLV Y	6.91	10.7	12.39
99	99	120	SISMA SLV Y	17.26	10.62	11.84
99	99	104	SISMA SLV Y	10.14	8.1	3.37
99	99	119	SISMA SLD X	4.58	10.19	9.31
99	99	118	SISMA SLD X	7.13	8.04	11.59
99	99	120	SISMA SLD X	11.86	4.87	6.28
99	99	104	SISMA SLD X	6.28	6.71	3.52

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
99	99	119	SISMA SLD Y	8.2	6.34	4.54
99	99	118	SISMA SLD Y	3.37	5.22	6.05
99	99	120	SISMA SLD Y	8.43	5.19	5.78
99	99	104	SISMA SLD Y	4.95	3.96	1.65
99	99	119	SISMA SLO X	3.79	8.44	7.71
99	99	118	SISMA SLO X	5.9	6.66	9.6
99	99	120	SISMA SLO X	9.83	4.04	5.2
99	99	104	SISMA SLO X	5.2	5.56	2.91
99	99	119	SISMA SLO Y	6.79	5.25	3.76
99	99	118	SISMA SLO Y	2.79	4.32	5.01
99	99	120	SISMA SLO Y	6.98	4.3	4.79
99	99	104	SISMA SLO Y	4.1	3.28	1.36
99	99	119	SLT	0.	0.	0.
99	99	118	SLT	0.	0.	0.
99	99	120	SLT	0.	0.	0.
99	99	104	SLT	0.	0.	0.
99	99	119	~TorsionSISMA SLV X	0.	0.	0.
99	99	118	~TorsionSISMA SLV X	0.	0.	0.
99	99	120	~TorsionSISMA SLV X	0.	0.	0.
99	99	104	~TorsionSISMA SLV X	0.	0.	0.
99	99	119	~TorsionSISMA SLV Y	0.	0.	0.
99	99	118	~TorsionSISMA SLV Y	0.	0.	0.
99	99	120	~TorsionSISMA SLV Y	0.	0.	0.
99	99	104	~TorsionSISMA SLV Y	0.	0.	0.
99	99	119	~TorsionSISMA SLD X	0.	0.	0.
99	99	118	~TorsionSISMA SLD X	0.	0.	0.
99	99	120	~TorsionSISMA SLD X	0.	0.	0.
99	99	104	~TorsionSISMA SLD X	0.	0.	0.
99	99	119	~TorsionSISMA SLD Y	0.	0.	0.
99	99	118	~TorsionSISMA SLD Y	0.	0.	0.
99	99	120	~TorsionSISMA SLD Y	0.	0.	0.
99	99	104	~TorsionSISMA SLD Y	0.	0.	0.
99	99	119	~TorsionSISMA SLO X	0.	0.	0.
99	99	118	~TorsionSISMA SLO X	0.	0.	0.
99	99	120	~TorsionSISMA SLO X	0.	0.	0.
99	99	104	~TorsionSISMA SLO X	0.	0.	0.
99	99	119	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
99	99	118	~TorsionSISMA SLO Y	0.	0.	0.
99	99	120	~TorsionSISMA SLO Y	0.	0.	0.
99	99	104	~TorsionSISMA SLO Y	0.	0.	0.
100	100	113	G1_K	189.59	22.46	-76.89
100	100	121	G1_K	225.39	33.51	-22.01
100	100	122	G1_K	-183.56	-205.51	-30.76
100	100	114	G1_K	-135.67	-142.59	-85.64
100	100	113	G2_K	5.13	27.5	8.74
100	100	121	G2_K	7.38	24.2	5.38
100	100	122	G2_K	-8.97	18.19	11.04
100	100	114	G2_K	-4.37	8.23	14.4
100	100	113	Q_K	121.72	14.85	-48.95
100	100	121	Q_K	144.31	21.13	-13.87
100	100	122	Q_K	-117.22	-131.31	-19.37
100	100	114	Q_K	-86.62	-91.18	-54.44
100	100	113	N_K	14.61	1.78	-5.87
100	100	121	N_K	17.32	2.54	-1.66
100	100	122	N_K	-14.07	-15.76	-2.32
100	100	114	N_K	-10.39	-10.94	-6.53
100	100	113	T+_K	0.	0.	0.
100	100	121	T+_K	0.	0.	0.
100	100	122	T+_K	0.	0.	0.
100	100	114	T+_K	0.	0.	0.
100	100	113	T-_K	0.	0.	0.
100	100	121	T-_K	0.	0.	0.
100	100	122	T-_K	0.	0.	0.
100	100	114	T-_K	0.	0.	0.
100	100	113	G1_D	246.47	29.2	-99.96
100	100	121	G1_D	293.01	43.56	-28.62
100	100	122	G1_D	-238.62	-267.17	-39.99
100	100	114	G1_D	-176.37	-185.37	-111.33
100	100	113	G2_D	6.66	35.75	11.36
100	100	121	G2_D	9.59	31.46	7.
100	100	122	G2_D	-11.66	23.65	14.35
100	100	114	G2_D	-5.69	10.7	18.72
100	100	113	Q_D	182.58	22.28	-73.42
100	100	121	Q_D	216.47	31.7	-20.81
100	100	122	Q_D	-175.83	-196.97	-29.05
100	100	114	Q_D	-129.94	-136.77	-81.66
100	100	113	N_D	21.91	2.67	-8.81
100	100	121	N_D	25.98	3.8	-2.5
100	100	122	N_D	-21.1	-23.64	-3.49
100	100	114	N_D	-15.59	-16.41	-9.8
100	100	113	T+_D	0.	0.	0.
100	100	121	T+_D	0.	0.	0.
100	100	122	T+_D	0.	0.	0.
100	100	114	T+_D	0.	0.	0.
100	100	113	T-_D	0.	0.	0.
100	100	121	T-_D	0.	0.	0.
100	100	122	T-_D	0.	0.	0.
100	100	114	T-_D	0.	0.	0.
100	100	113	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
100	100	121	W+_K	0.	0.	0.
100	100	122	W+_K	0.	0.	0.
100	100	114	W+_K	0.	0.	0.
100	100	113	W-_K	0.	0.	0.
100	100	121	W-_K	0.	0.	0.
100	100	122	W-_K	0.	0.	0.
100	100	114	W-_K	0.	0.	0.
100	100	113	W+_D	0.	0.	0.
100	100	121	W+_D	0.	0.	0.
100	100	122	W+_D	0.	0.	0.
100	100	114	W+_D	0.	0.	0.
100	100	113	W-_D	0.	0.	0.
100	100	121	W-_D	0.	0.	0.
100	100	122	W-_D	0.	0.	0.
100	100	114	W-_D	0.	0.	0.
100	100	113	SISMA SLV X	25.84	29.11	10.65
100	100	121	SISMA SLV X	24.92	26.42	7.35
100	100	122	SISMA SLV X	23.6	29.23	10.43
100	100	114	SISMA SLV X	15.98	16.51	11.8
100	100	113	SISMA SLV Y	18.74	19.21	11.12
100	100	121	SISMA SLV Y	10.15	15.22	15.49
100	100	122	SISMA SLV Y	10.69	13.48	21.55
100	100	114	SISMA SLV Y	8.37	12.53	16.78
100	100	113	SISMA SLD X	12.62	14.22	5.2
100	100	121	SISMA SLD X	12.17	12.91	3.59
100	100	122	SISMA SLD X	11.53	14.28	5.09
100	100	114	SISMA SLD X	7.81	8.06	5.76
100	100	113	SISMA SLD Y	9.15	9.38	5.43
100	100	121	SISMA SLD Y	4.96	7.43	7.56
100	100	122	SISMA SLD Y	5.22	6.58	10.52
100	100	114	SISMA SLD Y	4.09	6.12	8.2
100	100	113	SISMA SLO X	10.46	11.78	4.31
100	100	121	SISMA SLO X	10.08	10.69	2.97
100	100	122	SISMA SLO X	9.55	11.83	4.22
100	100	114	SISMA SLO X	6.46	6.68	4.78
100	100	113	SISMA SLO Y	7.58	7.77	4.5
100	100	121	SISMA SLO Y	4.11	6.16	6.26
100	100	122	SISMA SLO Y	4.32	5.45	8.71
100	100	114	SISMA SLO Y	3.38	5.06	6.79
100	100	113	SLT	0.	0.	0.
100	100	121	SLT	0.	0.	0.
100	100	122	SLT	0.	0.	0.
100	100	114	SLT	0.	0.	0.
100	100	113	~TorsionSISMA SLV X	0.	0.	0.
100	100	121	~TorsionSISMA SLV X	0.	0.	0.
100	100	122	~TorsionSISMA SLV X	0.	0.	0.
100	100	114	~TorsionSISMA SLV X	0.	0.	0.
100	100	113	~TorsionSISMA SLV Y	0.	0.	0.
100	100	121	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
100	100	122	~TorsionSISMA SLV Y	0.	0.	0.
100	100	114	~TorsionSISMA SLV Y	0.	0.	0.
100	100	113	~TorsionSISMA SLD X	0.	0.	0.
100	100	121	~TorsionSISMA SLD X	0.	0.	0.
100	100	122	~TorsionSISMA SLD X	0.	0.	0.
100	100	114	~TorsionSISMA SLD X	0.	0.	0.
100	100	113	~TorsionSISMA SLD Y	0.	0.	0.
100	100	121	~TorsionSISMA SLD Y	0.	0.	0.
100	100	122	~TorsionSISMA SLD Y	0.	0.	0.
100	100	114	~TorsionSISMA SLD Y	0.	0.	0.
100	100	113	~TorsionSISMA SLO X	0.	0.	0.
100	100	121	~TorsionSISMA SLO X	0.	0.	0.
100	100	122	~TorsionSISMA SLO X	0.	0.	0.
100	100	114	~TorsionSISMA SLO X	0.	0.	0.
100	100	113	~TorsionSISMA SLO Y	0.	0.	0.
100	100	121	~TorsionSISMA SLO Y	0.	0.	0.
100	100	122	~TorsionSISMA SLO Y	0.	0.	0.
100	100	114	~TorsionSISMA SLO Y	0.	0.	0.
101	101	114	G1_K	-127.84	-141.02	-52.02
101	101	122	G1_K	-178.19	-204.44	-27.4
101	101	123	G1_K	-246.59	-304.11	-3.08
101	101	116	G1_K	-162.72	-192.12	-27.71
101	101	114	G2_K	-12.54	6.6	21.29
101	101	122	G2_K	-14.88	17.01	10.13
101	101	123	G2_K	-15.55	37.94	11.32
101	101	116	G2_K	-10.01	12.14	22.48
101	101	114	Q_K	-81.92	-90.24	-33.
101	101	122	Q_K	-113.92	-130.65	-17.27
101	101	123	Q_K	-157.7	-194.51	-1.72
101	101	116	Q_K	-104.13	-122.77	-17.46
101	101	114	N_K	-9.83	-10.83	-3.96
101	101	122	N_K	-13.67	-15.68	-2.07
101	101	123	N_K	-18.92	-23.34	-0.21
101	101	116	N_K	-12.5	-14.73	-2.09
101	101	114	T+_K	0.	0.	0.
101	101	122	T+_K	0.	0.	0.
101	101	123	T+_K	0.	0.	0.
101	101	116	T+_K	0.	0.	0.
101	101	114	T-_K	0.	0.	0.
101	101	122	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
101	101	123	T-_K	0.	0.	0.
101	101	116	T-_K	0.	0.	0.
101	101	114	G1_D	-166.19	-183.33	-67.63
101	101	122	G1_D	-231.65	-265.77	-35.62
101	101	123	G1_D	-320.57	-395.34	-4.01
101	101	116	G1_D	-211.53	-249.75	-36.02
101	101	114	G2_D	-16.31	8.58	27.68
101	101	122	G2_D	-19.35	22.11	13.17
101	101	123	G2_D	-20.22	49.32	14.72
101	101	116	G2_D	-13.02	15.78	29.23
101	101	114	Q_D	-122.89	-135.36	-49.5
101	101	122	Q_D	-170.87	-195.98	-25.9
101	101	123	Q_D	-236.55	-291.76	-2.59
101	101	116	Q_D	-156.19	-184.16	-26.19
101	101	114	N_D	-14.75	-16.24	-5.94
101	101	122	N_D	-20.5	-23.52	-3.11
101	101	123	N_D	-28.39	-35.01	-0.31
101	101	116	N_D	-18.74	-22.1	-3.14
101	101	114	T+_D	0.	0.	0.
101	101	122	T+_D	0.	0.	0.
101	101	123	T+_D	0.	0.	0.
101	101	116	T+_D	0.	0.	0.
101	101	114	T-_D	0.	0.	0.
101	101	122	T-_D	0.	0.	0.
101	101	123	T-_D	0.	0.	0.
101	101	116	T-_D	0.	0.	0.
101	101	114	W+_K	0.	0.	0.
101	101	122	W+_K	0.	0.	0.
101	101	123	W+_K	0.	0.	0.
101	101	116	W+_K	0.	0.	0.
101	101	114	W-_K	0.	0.	0.
101	101	122	W-_K	0.	0.	0.
101	101	123	W-_K	0.	0.	0.
101	101	116	W-_K	0.	0.	0.
101	101	114	W+_D	0.	0.	0.
101	101	122	W+_D	0.	0.	0.
101	101	123	W+_D	0.	0.	0.
101	101	116	W+_D	0.	0.	0.
101	101	114	W-_D	0.	0.	0.
101	101	122	W-_D	0.	0.	0.
101	101	123	W-_D	0.	0.	0.
101	101	116	W-_D	0.	0.	0.
101	101	114	SISMA SLV X	17.78	16.7	11.32
101	101	122	SISMA SLV X	22.66	29.03	6.68
101	101	123	SISMA SLV X	36.59	44.51	5.96
101	101	116	SISMA SLV X	23.42	25.6	10.89
101	101	114	SISMA SLV Y	8.83	12.01	13.16
101	101	122	SISMA SLV Y	10.48	13.3	11.29
101	101	123	SISMA SLV Y	15.42	18.98	4.54
101	101	116	SISMA SLV Y	10.78	15.49	6.9
101	101	114	SISMA SLD X	8.68	8.16	5.53
101	101	122	SISMA SLD X	11.07	14.18	3.26
101	101	123	SISMA SLD X	17.87	21.74	2.91
101	101	116	SISMA SLD X	11.44	12.5	5.32

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
101	101	114	SISMA SLD Y	4.31	5.87	6.43
101	101	122	SISMA SLD Y	5.12	6.5	5.51
101	101	123	SISMA SLD Y	7.53	9.27	2.22
101	101	116	SISMA SLD Y	5.27	7.56	3.37
101	101	114	SISMA SLO X	7.19	6.75	4.58
101	101	122	SISMA SLO X	9.16	11.75	2.7
101	101	123	SISMA SLO X	14.81	18.01	2.41
101	101	116	SISMA SLO X	9.48	10.36	4.4
101	101	114	SISMA SLO Y	3.57	4.85	5.32
101	101	122	SISMA SLO Y	4.24	5.38	4.56
101	101	123	SISMA SLO Y	6.24	7.68	1.84
101	101	116	SISMA SLO Y	4.36	6.26	2.79
101	101	114	SLT	0.	0.	0.
101	101	122	SLT	0.	0.	0.
101	101	123	SLT	0.	0.	0.
101	101	116	SLT	0.	0.	0.
101	101	114	~TorsionSISMA SLV X	0.	0.	0.
101	101	122	~TorsionSISMA SLV X	0.	0.	0.
101	101	123	~TorsionSISMA SLV X	0.	0.	0.
101	101	116	~TorsionSISMA SLV X	0.	0.	0.
101	101	114	~TorsionSISMA SLV Y	0.	0.	0.
101	101	122	~TorsionSISMA SLV Y	0.	0.	0.
101	101	123	~TorsionSISMA SLV Y	0.	0.	0.
101	101	116	~TorsionSISMA SLV Y	0.	0.	0.
101	101	114	~TorsionSISMA SLD X	0.	0.	0.
101	101	122	~TorsionSISMA SLD X	0.	0.	0.
101	101	123	~TorsionSISMA SLD X	0.	0.	0.
101	101	116	~TorsionSISMA SLD X	0.	0.	0.
101	101	114	~TorsionSISMA SLD Y	0.	0.	0.
101	101	122	~TorsionSISMA SLD Y	0.	0.	0.
101	101	123	~TorsionSISMA SLD Y	0.	0.	0.
101	101	116	~TorsionSISMA SLD Y	0.	0.	0.
101	101	114	~TorsionSISMA SLO X	0.	0.	0.
101	101	122	~TorsionSISMA SLO X	0.	0.	0.
101	101	123	~TorsionSISMA SLO X	0.	0.	0.
101	101	116	~TorsionSISMA SLO X	0.	0.	0.
101	101	114	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
101	101	122	~TorsionSISMA SLO Y	0.	0.	0.
101	101	123	~TorsionSISMA SLO Y	0.	0.	0.
101	101	116	~TorsionSISMA SLO Y	0.	0.	0.
102	102	116	G1_K	-162.05	-191.98	24.35
102	102	123	G1_K	-246.14	-304.02	9.255E-02
102	102	124	G1_K	-180.81	-201.12	24.53
102	102	118	G1_K	-127.48	-140.42	48.79
102	102	116	G2_K	-28.66	8.41	25.43
102	102	123	G2_K	-31.43	34.76	10.3
102	102	124	G2_K	28.55	67.1	8.45
102	102	118	G2_K	9.07	35.79	23.58
102	102	116	Q_K	-103.78	-122.7	15.82
102	102	123	Q_K	-157.46	-194.46	0.28
102	102	124	Q_K	-115.57	-129.02	15.85
102	102	118	Q_K	-81.71	-90.05	31.39
102	102	116	N_K	-12.45	-14.72	1.9
102	102	123	N_K	-18.9	-23.33	3.406E-02
102	102	124	N_K	-13.87	-15.48	1.9
102	102	118	N_K	-9.81	-10.81	3.77
102	102	116	T+_K	0.	0.	0.
102	102	123	T+_K	0.	0.	0.
102	102	124	T+_K	0.	0.	0.
102	102	118	T+_K	0.	0.	0.
102	102	116	T-_K	0.	0.	0.
102	102	123	T-_K	0.	0.	0.
102	102	124	T-_K	0.	0.	0.
102	102	118	T-_K	0.	0.	0.
102	102	116	G1_D	-210.67	-249.58	31.65
102	102	123	G1_D	-319.98	-395.22	0.12
102	102	124	G1_D	-235.05	-261.46	31.89
102	102	118	G1_D	-165.73	-182.55	63.42
102	102	116	G2_D	-37.26	10.93	33.06
102	102	123	G2_D	-40.86	45.19	13.39
102	102	124	G2_D	37.11	87.23	10.98
102	102	118	G2_D	11.8	46.53	30.66
102	102	116	Q_D	-155.67	-184.05	23.73
102	102	123	Q_D	-236.19	-291.69	0.43
102	102	124	Q_D	-173.35	-193.52	23.78
102	102	118	Q_D	-122.56	-135.07	47.08
102	102	116	N_D	-18.68	-22.09	2.85
102	102	123	N_D	-28.34	-35.	5.109E-02
102	102	124	N_D	-20.8	-23.22	2.85
102	102	118	N_D	-14.71	-16.21	5.65
102	102	116	T+_D	0.	0.	0.
102	102	123	T+_D	0.	0.	0.
102	102	124	T+_D	0.	0.	0.
102	102	118	T+_D	0.	0.	0.
102	102	116	T-_D	0.	0.	0.
102	102	123	T-_D	0.	0.	0.
102	102	124	T-_D	0.	0.	0.
102	102	118	T-_D	0.	0.	0.
102	102	116	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
102	102	123	W+_K	0.	0.	0.
102	102	124	W+_K	0.	0.	0.
102	102	118	W+_K	0.	0.	0.
102	102	116	W-_K	0.	0.	0.
102	102	123	W-_K	0.	0.	0.
102	102	124	W-_K	0.	0.	0.
102	102	118	W-_K	0.	0.	0.
102	102	116	W+_D	0.	0.	0.
102	102	123	W+_D	0.	0.	0.
102	102	124	W+_D	0.	0.	0.
102	102	118	W+_D	0.	0.	0.
102	102	116	W-_D	0.	0.	0.
102	102	123	W-_D	0.	0.	0.
102	102	124	W-_D	0.	0.	0.
102	102	118	W-_D	0.	0.	0.
102	102	116	SISMA SLV X	28.53	26.77	14.35
102	102	123	SISMA SLV X	38.28	44.89	5.22
102	102	124	SISMA SLV X	19.57	28.07	8.12
102	102	118	SISMA SLV X	12.58	16.14	16.67
102	102	116	SISMA SLV Y	13.07	16.04	6.59
102	102	123	SISMA SLV Y	16.39	19.16	3.2
102	102	124	SISMA SLV Y	7.88	13.71	10.49
102	102	118	SISMA SLV Y	7.5	11.76	11.65
102	102	116	SISMA SLD X	13.93	13.07	7.01
102	102	123	SISMA SLD X	18.7	21.93	2.55
102	102	124	SISMA SLD X	9.56	13.71	3.96
102	102	118	SISMA SLD X	6.14	7.88	8.14
102	102	116	SISMA SLD Y	6.38	7.83	3.22
102	102	123	SISMA SLD Y	8.01	9.36	1.56
102	102	124	SISMA SLD Y	3.85	6.7	5.12
102	102	118	SISMA SLD Y	3.66	5.74	5.69
102	102	116	SISMA SLO X	11.54	10.83	5.8
102	102	123	SISMA SLO X	15.49	18.17	2.11
102	102	124	SISMA SLO X	7.91	11.36	3.28
102	102	118	SISMA SLO X	5.09	6.53	6.75
102	102	116	SISMA SLO Y	5.29	6.48	2.67
102	102	123	SISMA SLO Y	6.63	7.76	1.3
102	102	124	SISMA SLO Y	3.19	5.55	4.24
102	102	118	SISMA SLO Y	3.03	4.75	4.71
102	102	116	SLT	0.	0.	0.
102	102	123	SLT	0.	0.	0.
102	102	124	SLT	0.	0.	0.
102	102	118	SLT	0.	0.	0.
102	102	116	~TorsionSISMA SLV X	0.	0.	0.
102	102	123	~TorsionSISMA SLV X	0.	0.	0.
102	102	124	~TorsionSISMA SLV X	0.	0.	0.
102	102	118	~TorsionSISMA SLV X	0.	0.	0.
102	102	116	~TorsionSISMA SLV Y	0.	0.	0.
102	102	123	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
102	102	124	~TorsionSISMA SLV Y	0.	0.	0.
102	102	118	~TorsionSISMA SLV Y	0.	0.	0.
102	102	116	~TorsionSISMA SLD X	0.	0.	0.
102	102	123	~TorsionSISMA SLD X	0.	0.	0.
102	102	124	~TorsionSISMA SLD X	0.	0.	0.
102	102	118	~TorsionSISMA SLD X	0.	0.	0.
102	102	116	~TorsionSISMA SLD Y	0.	0.	0.
102	102	123	~TorsionSISMA SLD Y	0.	0.	0.
102	102	124	~TorsionSISMA SLD Y	0.	0.	0.
102	102	118	~TorsionSISMA SLD Y	0.	0.	0.
102	102	116	~TorsionSISMA SLO X	0.	0.	0.
102	102	123	~TorsionSISMA SLO X	0.	0.	0.
102	102	124	~TorsionSISMA SLO X	0.	0.	0.
102	102	118	~TorsionSISMA SLO X	0.	0.	0.
102	102	116	~TorsionSISMA SLO Y	0.	0.	0.
102	102	123	~TorsionSISMA SLO Y	0.	0.	0.
102	102	124	~TorsionSISMA SLO Y	0.	0.	0.
102	102	118	~TorsionSISMA SLO Y	0.	0.	0.
103	103	118	G1_K	-135.15	-141.96	83.11
103	103	124	G1_K	-186.2	-202.2	28.29
103	103	125	G1_K	234.6	34.17	20.26
103	103	120	G1_K	186.85	26.97	75.08
103	103	118	G2_K	-7.25	32.53	-5.42
103	103	124	G2_K	11.01	63.59	9.28
103	103	125	G2_K	248.65	30.65	-24.94
103	103	120	G2_K	143.58	2.24	-39.64
103	103	118	Q_K	-86.33	-90.97	53.22
103	103	124	Q_K	-118.87	-129.68	18.22
103	103	125	Q_K	149.75	20.95	12.97
103	103	120	Q_K	119.74	16.85	47.97
103	103	118	N_K	-10.36	-10.92	6.39
103	103	124	N_K	-14.26	-15.56	2.19
103	103	125	N_K	17.97	2.51	1.56
103	103	120	N_K	14.37	2.02	5.76
103	103	118	T+_K	0.	0.	0.
103	103	124	T+_K	0.	0.	0.
103	103	125	T+_K	0.	0.	0.
103	103	120	T+_K	0.	0.	0.
103	103	118	T-_K	0.	0.	0.
103	103	124	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
103	103	125	T-_K	0.	0.	0.
103	103	120	T-_K	0.	0.	0.
103	103	118	G1_D	-175.7	-184.55	108.05
103	103	124	G1_D	-242.07	-262.86	36.78
103	103	125	G1_D	304.98	44.42	26.34
103	103	120	G1_D	242.9	35.06	97.6
103	103	118	G2_D	-9.42	42.28	-7.05
103	103	124	G2_D	14.31	82.67	12.06
103	103	125	G2_D	323.25	39.84	-32.42
103	103	120	G2_D	186.66	2.92	-51.53
103	103	118	Q_D	-129.49	-136.46	79.82
103	103	124	Q_D	-178.3	-194.51	27.33
103	103	125	Q_D	224.62	31.42	19.46
103	103	120	Q_D	179.61	25.28	71.95
103	103	118	N_D	-15.54	-16.37	9.58
103	103	124	N_D	-21.4	-23.34	3.28
103	103	125	N_D	26.95	3.77	2.33
103	103	120	N_D	21.55	3.03	8.63
103	103	118	T+_D	0.	0.	0.
103	103	124	T+_D	0.	0.	0.
103	103	125	T+_D	0.	0.	0.
103	103	120	T+_D	0.	0.	0.
103	103	118	T-_D	0.	0.	0.
103	103	124	T-_D	0.	0.	0.
103	103	125	T-_D	0.	0.	0.
103	103	120	T-_D	0.	0.	0.
103	103	118	W+_K	0.	0.	0.
103	103	124	W+_K	0.	0.	0.
103	103	125	W+_K	0.	0.	0.
103	103	120	W+_K	0.	0.	0.
103	103	118	W-_K	0.	0.	0.
103	103	124	W-_K	0.	0.	0.
103	103	125	W-_K	0.	0.	0.
103	103	120	W-_K	0.	0.	0.
103	103	118	W+_D	0.	0.	0.
103	103	124	W+_D	0.	0.	0.
103	103	125	W+_D	0.	0.	0.
103	103	120	W+_D	0.	0.	0.
103	103	118	W-_D	0.	0.	0.
103	103	124	W-_D	0.	0.	0.
103	103	125	W-_D	0.	0.	0.
103	103	120	W-_D	0.	0.	0.
103	103	118	SISMA SLV X	14.6	16.85	17.02
103	103	124	SISMA SLV X	20.17	28.33	12.68
103	103	125	SISMA SLV X	33.52	14.95	7.68
103	103	120	SISMA SLV X	23.15	25.03	10.84
103	103	118	SISMA SLV Y	6.94	12.67	17.03
103	103	124	SISMA SLV Y	8.64	13.96	21.01
103	103	125	SISMA SLV Y	14.6	17.24	16.78
103	103	120	SISMA SLV Y	19.67	13.16	12.35
103	103	118	SISMA SLD X	7.13	8.23	8.31
103	103	124	SISMA SLD X	9.85	13.84	6.19
103	103	125	SISMA SLD X	16.37	7.3	3.75
103	103	120	SISMA SLD X	11.31	12.22	5.29

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
103	103	118	SISMA SLD Y	3.39	6.19	8.32
103	103	124	SISMA SLD Y	4.22	6.82	10.26
103	103	125	SISMA SLD Y	7.13	8.42	8.19
103	103	120	SISMA SLD Y	9.61	6.43	6.03
103	103	118	SISMA SLO X	5.9	6.82	6.89
103	103	124	SISMA SLO X	8.16	11.47	5.13
103	103	125	SISMA SLO X	13.56	6.05	3.11
103	103	120	SISMA SLO X	9.37	10.13	4.39
103	103	118	SISMA SLO Y	2.8	5.12	6.89
103	103	124	SISMA SLO Y	3.49	5.65	8.5
103	103	125	SISMA SLO Y	5.91	6.97	6.79
103	103	120	SISMA SLO Y	7.96	5.32	5.
103	103	118	SLT	0.	0.	0.
103	103	124	SLT	0.	0.	0.
103	103	125	SLT	0.	0.	0.
103	103	120	SLT	0.	0.	0.
103	103	118	~TorsionSISMA SLV X	0.	0.	0.
103	103	124	~TorsionSISMA SLV X	0.	0.	0.
103	103	125	~TorsionSISMA SLV X	0.	0.	0.
103	103	120	~TorsionSISMA SLV X	0.	0.	0.
103	103	118	~TorsionSISMA SLV Y	0.	0.	0.
103	103	124	~TorsionSISMA SLV Y	0.	0.	0.
103	103	125	~TorsionSISMA SLV Y	0.	0.	0.
103	103	120	~TorsionSISMA SLV Y	0.	0.	0.
103	103	118	~TorsionSISMA SLD X	0.	0.	0.
103	103	124	~TorsionSISMA SLD X	0.	0.	0.
103	103	125	~TorsionSISMA SLD X	0.	0.	0.
103	103	120	~TorsionSISMA SLD X	0.	0.	0.
103	103	118	~TorsionSISMA SLD Y	0.	0.	0.
103	103	124	~TorsionSISMA SLD Y	0.	0.	0.
103	103	125	~TorsionSISMA SLD Y	0.	0.	0.
103	103	120	~TorsionSISMA SLD Y	0.	0.	0.
103	103	118	~TorsionSISMA SLO X	0.	0.	0.
103	103	124	~TorsionSISMA SLO X	0.	0.	0.
103	103	125	~TorsionSISMA SLO X	0.	0.	0.
103	103	120	~TorsionSISMA SLO X	0.	0.	0.
103	103	118	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
103	103	124	~TorsionSISMA SLO Y	0.	0.	0.
103	103	125	~TorsionSISMA SLO Y	0.	0.	0.
103	103	120	~TorsionSISMA SLO Y	0.	0.	0.
104	104	121	G1_K	225.23	32.7	18.12
104	104	126	G1_K	193.98	30.42	73.08
104	104	127	G1_K	-138.08	-138.56	82.29
104	104	122	G1_K	-183.57	-205.6	27.34
104	104	121	G2_K	8.47	29.67	6.28
104	104	126	G2_K	2.32	25.06	0.31
104	104	127	G2_K	-6.06	12.3	-2.52
104	104	122	G2_K	-9.18	17.12	3.45
104	104	121	Q_K	144.23	20.72	11.74
104	104	126	Q_K	124.53	19.5	46.88
104	104	127	Q_K	-88.22	-88.47	52.87
104	104	122	Q_K	-117.25	-131.44	17.72
104	104	121	N_K	17.31	2.49	1.41
104	104	126	N_K	14.94	2.34	5.63
104	104	127	N_K	-10.59	-10.62	6.34
104	104	122	N_K	-14.07	-15.77	2.13
104	104	121	T+_K	0.	0.	0.
104	104	126	T+_K	0.	0.	0.
104	104	127	T+_K	0.	0.	0.
104	104	122	T+_K	0.	0.	0.
104	104	121	T-_K	0.	0.	0.
104	104	126	T-_K	0.	0.	0.
104	104	127	T-_K	0.	0.	0.
104	104	122	T-_K	0.	0.	0.
104	104	121	G1_D	292.8	42.51	23.56
104	104	126	G1_D	252.17	39.54	95.
104	104	127	G1_D	-179.5	-180.13	106.98
104	104	122	G1_D	-238.65	-267.28	35.54
104	104	121	G2_D	11.01	38.57	8.16
104	104	126	G2_D	3.02	32.58	0.41
104	104	127	G2_D	-7.88	15.99	-3.27
104	104	122	G2_D	-11.94	22.26	4.48
104	104	121	Q_D	216.34	31.08	17.6
104	104	126	Q_D	186.79	29.25	70.33
104	104	127	Q_D	-132.34	-132.71	79.31
104	104	122	Q_D	-175.87	-197.16	26.59
104	104	121	N_D	25.96	3.73	2.11
104	104	126	N_D	22.42	3.51	8.44
104	104	127	N_D	-15.88	-15.92	9.52
104	104	122	N_D	-21.1	-23.66	3.19
104	104	121	T+_D	0.	0.	0.
104	104	126	T+_D	0.	0.	0.
104	104	127	T+_D	0.	0.	0.
104	104	122	T+_D	0.	0.	0.
104	104	121	T-_D	0.	0.	0.
104	104	126	T-_D	0.	0.	0.
104	104	127	T-_D	0.	0.	0.
104	104	122	T-_D	0.	0.	0.
104	104	121	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
104	104	126	W+_K	0.	0.	0.
104	104	127	W+_K	0.	0.	0.
104	104	122	W+_K	0.	0.	0.
104	104	121	W-_K	0.	0.	0.
104	104	126	W-_K	0.	0.	0.
104	104	127	W-_K	0.	0.	0.
104	104	122	W-_K	0.	0.	0.
104	104	121	W+_D	0.	0.	0.
104	104	126	W+_D	0.	0.	0.
104	104	127	W+_D	0.	0.	0.
104	104	122	W+_D	0.	0.	0.
104	104	121	W-_D	0.	0.	0.
104	104	126	W-_D	0.	0.	0.
104	104	127	W-_D	0.	0.	0.
104	104	122	W-_D	0.	0.	0.
104	104	121	SISMA SLV X	25.14	27.81	10.42
104	104	126	SISMA SLV X	24.89	28.19	13.55
104	104	127	SISMA SLV X	15.02	13.45	12.93
104	104	122	SISMA SLV X	23.64	29.19	10.08
104	104	121	SISMA SLV Y	10.28	18.36	17.03
104	104	126	SISMA SLV Y	19.22	17.25	12.47
104	104	127	SISMA SLV Y	7.97	12.37	15.14
104	104	122	SISMA SLV Y	11.15	13.16	20.06
104	104	121	SISMA SLD X	12.28	13.58	5.09
104	104	126	SISMA SLD X	12.16	13.77	6.62
104	104	127	SISMA SLD X	7.34	6.57	6.31
104	104	122	SISMA SLD X	11.55	14.26	4.93
104	104	121	SISMA SLD Y	5.02	8.97	8.32
104	104	126	SISMA SLD Y	9.38	8.43	6.09
104	104	127	SISMA SLD Y	3.89	6.04	7.39
104	104	122	SISMA SLD Y	5.44	6.43	9.8
104	104	121	SISMA SLO X	10.17	11.25	4.21
104	104	126	SISMA SLO X	10.07	11.41	5.48
104	104	127	SISMA SLO X	6.08	5.44	5.23
104	104	122	SISMA SLO X	9.56	11.81	4.08
104	104	121	SISMA SLO Y	4.16	7.43	6.89
104	104	126	SISMA SLO Y	7.77	6.98	5.04
104	104	127	SISMA SLO Y	3.22	4.99	6.12
104	104	122	SISMA SLO Y	4.51	5.33	8.11
104	104	121	SLT	0.	0.	0.
104	104	126	SLT	0.	0.	0.
104	104	127	SLT	0.	0.	0.
104	104	122	SLT	0.	0.	0.
104	104	121	~TorsionSISMA SLV X	0.	0.	0.
104	104	126	~TorsionSISMA SLV X	0.	0.	0.
104	104	127	~TorsionSISMA SLV X	0.	0.	0.
104	104	122	~TorsionSISMA SLV X	0.	0.	0.
104	104	121	~TorsionSISMA SLV Y	0.	0.	0.
104	104	126	~TorsionSISMA SLV Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
104	104	127	~TorsionSISMA SLV Y	0.	0.	0.
104	104	122	~TorsionSISMA SLV Y	0.	0.	0.
104	104	121	~TorsionSISMA SLD X	0.	0.	0.
104	104	126	~TorsionSISMA SLD X	0.	0.	0.
104	104	127	~TorsionSISMA SLD X	0.	0.	0.
104	104	122	~TorsionSISMA SLD X	0.	0.	0.
104	104	121	~TorsionSISMA SLD Y	0.	0.	0.
104	104	126	~TorsionSISMA SLD Y	0.	0.	0.
104	104	127	~TorsionSISMA SLD Y	0.	0.	0.
104	104	122	~TorsionSISMA SLD Y	0.	0.	0.
104	104	121	~TorsionSISMA SLO X	0.	0.	0.
104	104	126	~TorsionSISMA SLO X	0.	0.	0.
104	104	127	~TorsionSISMA SLO X	0.	0.	0.
104	104	122	~TorsionSISMA SLO X	0.	0.	0.
104	104	121	~TorsionSISMA SLO Y	0.	0.	0.
104	104	126	~TorsionSISMA SLO Y	0.	0.	0.
104	104	127	~TorsionSISMA SLO Y	0.	0.	0.
104	104	122	~TorsionSISMA SLO Y	0.	0.	0.
105	105	122	G1_K	-178.21	-204.52	26.97
105	105	127	G1_K	-134.52	-137.85	49.2
105	105	128	G1_K	-151.96	-193.27	24.2
105	105	123	G1_K	-246.31	-302.7	1.97
105	105	122	G2_K	-15.1	15.94	1.84
105	105	127	G2_K	-14.75	10.56	-6.86
105	105	128	G2_K	-11.64	17.92	-10.47
105	105	123	G2_K	-15.48	38.3	-1.78
105	105	122	Q_K	-113.94	-130.78	17.51
105	105	127	Q_K	-86.05	-88.04	31.77
105	105	128	Q_K	-96.96	-123.43	15.79
105	105	123	Q_K	-157.52	-193.63	1.52
105	105	122	N_K	-13.67	-15.69	2.1
105	105	127	N_K	-10.33	-10.56	3.81
105	105	128	N_K	-11.63	-14.81	1.89
105	105	123	N_K	-18.9	-23.24	0.18
105	105	122	T+_K	0.	0.	0.
105	105	127	T+_K	0.	0.	0.
105	105	128	T+_K	0.	0.	0.
105	105	123	T+_K	0.	0.	0.
105	105	122	T-_K	0.	0.	0.
105	105	127	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
105	105	128	T-_K	0.	0.	0.
105	105	123	T-_K	0.	0.	0.
105	105	122	G1_D	-231.67	-265.88	35.06
105	105	127	G1_D	-174.87	-179.2	63.96
105	105	128	G1_D	-197.55	-251.25	31.47
105	105	123	G1_D	-320.2	-393.51	2.57
105	105	122	G2_D	-19.63	20.72	2.39
105	105	127	G2_D	-19.17	13.73	-8.91
105	105	128	G2_D	-15.13	23.3	-13.61
105	105	123	G2_D	-20.12	49.79	-2.31
105	105	122	Q_D	-170.91	-196.16	26.26
105	105	127	Q_D	-129.08	-132.06	47.66
105	105	128	Q_D	-145.44	-185.15	23.68
105	105	123	Q_D	-236.29	-290.44	2.28
105	105	122	N_D	-20.51	-23.54	3.15
105	105	127	N_D	-15.49	-15.85	5.72
105	105	128	N_D	-17.45	-22.22	2.84
105	105	123	N_D	-28.35	-34.85	0.27
105	105	122	T+_D	0.	0.	0.
105	105	127	T+_D	0.	0.	0.
105	105	128	T+_D	0.	0.	0.
105	105	123	T+_D	0.	0.	0.
105	105	122	T-_D	0.	0.	0.
105	105	127	T-_D	0.	0.	0.
105	105	128	T-_D	0.	0.	0.
105	105	123	T-_D	0.	0.	0.
105	105	122	W+_K	0.	0.	0.
105	105	127	W+_K	0.	0.	0.
105	105	128	W+_K	0.	0.	0.
105	105	123	W+_K	0.	0.	0.
105	105	122	W-_K	0.	0.	0.
105	105	127	W-_K	0.	0.	0.
105	105	128	W-_K	0.	0.	0.
105	105	123	W-_K	0.	0.	0.
105	105	122	W+_D	0.	0.	0.
105	105	127	W+_D	0.	0.	0.
105	105	128	W+_D	0.	0.	0.
105	105	123	W+_D	0.	0.	0.
105	105	122	W-_D	0.	0.	0.
105	105	127	W-_D	0.	0.	0.
105	105	128	W-_D	0.	0.	0.
105	105	123	W-_D	0.	0.	0.
105	105	122	SISMA SLV X	22.72	29.01	6.43
105	105	127	SISMA SLV X	15.23	13.23	7.53
105	105	128	SISMA SLV X	20.32	22.8	5.38
105	105	123	SISMA SLV X	36.59	44.56	1.39
105	105	122	SISMA SLV Y	11.16	13.16	9.65
105	105	127	SISMA SLV Y	9.96	11.16	8.85
105	105	128	SISMA SLV Y	8.9	17.77	2.71
105	105	123	SISMA SLV Y	15.43	19.2	2.58
105	105	122	SISMA SLD X	11.1	14.17	3.14
105	105	127	SISMA SLD X	7.44	6.46	3.68
105	105	128	SISMA SLD X	9.93	11.14	2.63
105	105	123	SISMA SLD X	17.87	21.76	0.68

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
105	105	122	SISMA SLD Y	5.45	6.43	4.72
105	105	127	SISMA SLD Y	4.87	5.45	4.32
105	105	128	SISMA SLD Y	4.35	8.68	1.32
105	105	123	SISMA SLD Y	7.54	9.38	1.26
105	105	122	SISMA SLO X	9.19	11.74	2.6
105	105	127	SISMA SLO X	6.16	5.35	3.05
105	105	128	SISMA SLO X	8.23	9.23	2.18
105	105	123	SISMA SLO X	14.81	18.04	0.56
105	105	122	SISMA SLO Y	4.51	5.33	3.9
105	105	127	SISMA SLO Y	4.03	4.5	3.58
105	105	128	SISMA SLO Y	3.6	7.18	1.1
105	105	123	SISMA SLO Y	6.24	7.77	1.04
105	105	122	SLT	0.	0.	0.
105	105	127	SLT	0.	0.	0.
105	105	128	SLT	0.	0.	0.
105	105	123	SLT	0.	0.	0.
105	105	122	~TorsionSISMA SLV X	0.	0.	0.
105	105	127	~TorsionSISMA SLV X	0.	0.	0.
105	105	128	~TorsionSISMA SLV X	0.	0.	0.
105	105	123	~TorsionSISMA SLV X	0.	0.	0.
105	105	122	~TorsionSISMA SLV Y	0.	0.	0.
105	105	127	~TorsionSISMA SLV Y	0.	0.	0.
105	105	128	~TorsionSISMA SLV Y	0.	0.	0.
105	105	123	~TorsionSISMA SLV Y	0.	0.	0.
105	105	122	~TorsionSISMA SLD X	0.	0.	0.
105	105	127	~TorsionSISMA SLD X	0.	0.	0.
105	105	128	~TorsionSISMA SLD X	0.	0.	0.
105	105	123	~TorsionSISMA SLD X	0.	0.	0.
105	105	122	~TorsionSISMA SLD Y	0.	0.	0.
105	105	127	~TorsionSISMA SLD Y	0.	0.	0.
105	105	128	~TorsionSISMA SLD Y	0.	0.	0.
105	105	123	~TorsionSISMA SLD Y	0.	0.	0.
105	105	122	~TorsionSISMA SLO X	0.	0.	0.
105	105	127	~TorsionSISMA SLO X	0.	0.	0.
105	105	128	~TorsionSISMA SLO X	0.	0.	0.
105	105	123	~TorsionSISMA SLO X	0.	0.	0.
105	105	122	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
105	105	127	~TorsionSISMA SLO Y	0.	0.	0.
105	105	128	~TorsionSISMA SLO Y	0.	0.	0.
105	105	123	~TorsionSISMA SLO Y	0.	0.	0.
106	106	123	G1_K	-245.85	-302.61	-4.64
106	106	128	G1_K	-152.94	-193.46	-28.63
106	106	129	G1_K	-137.42	-140.95	-54.76
106	106	124	G1_K	-181.08	-202.49	-30.76
106	106	123	G2_K	-31.36	35.12	-4.02
106	106	128	G2_K	-22.36	15.77	-15.94
106	106	129	G2_K	14.96	42.93	-15.56
106	106	124	G2_K	28.22	65.47	-3.63
106	106	123	Q_K	-157.28	-193.58	-2.75
106	106	128	Q_K	-97.64	-123.57	-17.93
106	106	129	Q_K	-87.21	-90.25	-34.62
106	106	124	Q_K	-115.71	-129.75	-19.44
106	106	123	N_K	-18.87	-23.23	-0.33
106	106	128	N_K	-11.72	-14.83	-2.15
106	106	129	N_K	-10.47	-10.83	-4.15
106	106	124	N_K	-13.89	-15.57	-2.33
106	106	123	T+_K	0.	0.	0.
106	106	128	T+_K	0.	0.	0.
106	106	129	T+_K	0.	0.	0.
106	106	124	T+_K	0.	0.	0.
106	106	123	T-_K	0.	0.	0.
106	106	128	T-_K	0.	0.	0.
106	106	129	T-_K	0.	0.	0.
106	106	124	T-_K	0.	0.	0.
106	106	123	G1_D	-319.61	-393.39	-6.03
106	106	128	G1_D	-198.82	-251.5	-37.23
106	106	129	G1_D	-178.64	-183.23	-71.18
106	106	124	G1_D	-235.4	-263.24	-39.98
106	106	123	G2_D	-40.76	45.66	-5.22
106	106	128	G2_D	-29.07	20.51	-20.73
106	106	129	G2_D	19.45	55.81	-20.23
106	106	124	G2_D	36.69	85.11	-4.72
106	106	123	Q_D	-235.92	-290.37	-4.12
106	106	128	Q_D	-146.45	-185.35	-26.9
106	106	129	Q_D	-130.82	-135.37	-51.94
106	106	124	Q_D	-173.57	-194.62	-29.16
106	106	123	N_D	-28.31	-34.84	-0.49
106	106	128	N_D	-17.57	-22.24	-3.23
106	106	129	N_D	-15.7	-16.24	-6.23
106	106	124	N_D	-20.83	-23.35	-3.5
106	106	123	T+_D	0.	0.	0.
106	106	128	T+_D	0.	0.	0.
106	106	129	T+_D	0.	0.	0.
106	106	124	T+_D	0.	0.	0.
106	106	123	T-_D	0.	0.	0.
106	106	128	T-_D	0.	0.	0.
106	106	129	T-_D	0.	0.	0.
106	106	124	T-_D	0.	0.	0.
106	106	123	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
106	106	128	W+_K	0.	0.	0.
106	106	129	W+_K	0.	0.	0.
106	106	124	W+_K	0.	0.	0.
106	106	123	W-_K	0.	0.	0.
106	106	128	W-_K	0.	0.	0.
106	106	129	W-_K	0.	0.	0.
106	106	124	W-_K	0.	0.	0.
106	106	123	W+_D	0.	0.	0.
106	106	128	W+_D	0.	0.	0.
106	106	129	W+_D	0.	0.	0.
106	106	124	W+_D	0.	0.	0.
106	106	123	W-_D	0.	0.	0.
106	106	128	W-_D	0.	0.	0.
106	106	129	W-_D	0.	0.	0.
106	106	124	W-_D	0.	0.	0.
106	106	123	SISMA SLV X	38.29	44.94	2.05
106	106	128	SISMA SLV X	21.11	22.94	9.68
106	106	129	SISMA SLV X	14.67	15.99	12.78
106	106	124	SISMA SLV X	19.59	27.45	6.17
106	106	123	SISMA SLV Y	16.39	19.38	3.5
106	106	128	SISMA SLV Y	10.21	17.56	6.04
106	106	129	SISMA SLV Y	6.65	13.49	11.88
106	106	124	SISMA SLV Y	7.54	11.8	10.
106	106	123	SISMA SLD X	18.7	21.95	1.
106	106	128	SISMA SLD X	10.31	11.21	4.73
106	106	129	SISMA SLD X	7.17	7.81	6.24
106	106	124	SISMA SLD X	9.57	13.41	3.01
106	106	123	SISMA SLD Y	8.01	9.47	1.71
106	106	128	SISMA SLD Y	4.99	8.57	2.95
106	106	129	SISMA SLD Y	3.25	6.59	5.8
106	106	124	SISMA SLD Y	3.68	5.76	4.89
106	106	123	SISMA SLO X	15.5	18.19	0.83
106	106	128	SISMA SLO X	8.55	9.28	3.92
106	106	129	SISMA SLO X	5.93	6.47	5.17
106	106	124	SISMA SLO X	7.92	11.11	2.5
106	106	123	SISMA SLO Y	6.63	7.84	1.41
106	106	128	SISMA SLO Y	4.13	7.09	2.44
106	106	129	SISMA SLO Y	2.69	5.45	4.8
106	106	124	SISMA SLO Y	3.05	4.78	4.05
106	106	123	SLT	0.	0.	0.
106	106	128	SLT	0.	0.	0.
106	106	129	SLT	0.	0.	0.
106	106	124	SLT	0.	0.	0.
106	106	123	~TorsionSISMA SLV X	0.	0.	0.
106	106	128	~TorsionSISMA SLV X	0.	0.	0.
106	106	129	~TorsionSISMA SLV X	0.	0.	0.
106	106	124	~TorsionSISMA SLV X	0.	0.	0.
106	106	123	~TorsionSISMA SLV Y	0.	0.	0.
106	106	128	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
106	106	129	~TorsionSISMA SLV Y	0.	0.	0.
106	106	124	~TorsionSISMA SLV Y	0.	0.	0.
106	106	123	~TorsionSISMA SLD X	0.	0.	0.
106	106	128	~TorsionSISMA SLD X	0.	0.	0.
106	106	129	~TorsionSISMA SLD X	0.	0.	0.
106	106	124	~TorsionSISMA SLD X	0.	0.	0.
106	106	123	~TorsionSISMA SLD Y	0.	0.	0.
106	106	128	~TorsionSISMA SLD Y	0.	0.	0.
106	106	129	~TorsionSISMA SLD Y	0.	0.	0.
106	106	124	~TorsionSISMA SLD Y	0.	0.	0.
106	106	123	~TorsionSISMA SLO X	0.	0.	0.
106	106	128	~TorsionSISMA SLO X	0.	0.	0.
106	106	129	~TorsionSISMA SLO X	0.	0.	0.
106	106	124	~TorsionSISMA SLO X	0.	0.	0.
106	106	123	~TorsionSISMA SLO Y	0.	0.	0.
106	106	128	~TorsionSISMA SLO Y	0.	0.	0.
106	106	129	~TorsionSISMA SLO Y	0.	0.	0.
106	106	124	~TorsionSISMA SLO Y	0.	0.	0.
107	107	124	G1_K	-186.48	-203.57	-31.4
107	107	129	G1_K	-145.23	-142.51	-84.22
107	107	130	G1_K	183.59	40.29	-71.52
107	107	125	G1_K	235.6	39.18	-18.7
107	107	124	G2_K	10.68	61.96	-6.38
107	107	129	G2_K	13.86	42.71	-1.99
107	107	130	G2_K	171.97	25.43	21.6
107	107	125	G2_K	248.86	31.69	17.21
107	107	124	Q_K	-119.01	-130.41	-19.91
107	107	129	Q_K	-91.68	-91.14	-53.76
107	107	130	Q_K	116.79	24.22	-45.69
107	107	125	Q_K	150.28	23.62	-11.84
107	107	124	N_K	-14.28	-15.65	-2.39
107	107	129	N_K	-11.	-10.94	-6.45
107	107	130	N_K	14.02	2.91	-5.48
107	107	125	N_K	18.03	2.83	-1.42
107	107	124	T+_K	0.	0.	0.
107	107	129	T+_K	0.	0.	0.
107	107	130	T+_K	0.	0.	0.
107	107	125	T+_K	0.	0.	0.
107	107	124	T-_K	0.	0.	0.
107	107	129	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
107	107	130	T-_K	0.	0.	0.
107	107	125	T-_K	0.	0.	0.
107	107	124	G1_D	-242.42	-264.64	-40.82
107	107	129	G1_D	-188.8	-185.26	-109.48
107	107	130	G1_D	238.67	52.38	-92.98
107	107	125	G1_D	306.28	50.93	-24.31
107	107	124	G2_D	13.89	80.55	-8.3
107	107	129	G2_D	18.01	55.52	-2.58
107	107	130	G2_D	223.56	33.06	28.08
107	107	125	G2_D	323.52	41.19	22.37
107	107	124	Q_D	-178.52	-195.61	-29.87
107	107	129	Q_D	-137.52	-136.71	-80.63
107	107	130	Q_D	175.19	36.33	-68.53
107	107	125	Q_D	225.42	35.43	-17.76
107	107	124	N_D	-21.42	-23.47	-3.58
107	107	129	N_D	-16.5	-16.41	-9.68
107	107	130	N_D	21.02	4.36	-8.22
107	107	125	N_D	27.05	4.25	-2.13
107	107	124	T+_D	0.	0.	0.
107	107	129	T+_D	0.	0.	0.
107	107	130	T+_D	0.	0.	0.
107	107	125	T+_D	0.	0.	0.
107	107	124	T-_D	0.	0.	0.
107	107	129	T-_D	0.	0.	0.
107	107	130	T-_D	0.	0.	0.
107	107	125	T-_D	0.	0.	0.
107	107	124	W+_K	0.	0.	0.
107	107	129	W+_K	0.	0.	0.
107	107	130	W+_K	0.	0.	0.
107	107	125	W+_K	0.	0.	0.
107	107	124	W-_K	0.	0.	0.
107	107	129	W-_K	0.	0.	0.
107	107	130	W-_K	0.	0.	0.
107	107	125	W-_K	0.	0.	0.
107	107	124	W+_D	0.	0.	0.
107	107	129	W+_D	0.	0.	0.
107	107	130	W+_D	0.	0.	0.
107	107	125	W+_D	0.	0.	0.
107	107	124	W-_D	0.	0.	0.
107	107	129	W-_D	0.	0.	0.
107	107	130	W-_D	0.	0.	0.
107	107	125	W-_D	0.	0.	0.
107	107	124	SISMA SLV X	20.15	27.68	9.91
107	107	129	SISMA SLV X	15.31	16.2	14.21
107	107	130	SISMA SLV X	23.9	11.87	11.08
107	107	125	SISMA SLV X	33.11	18.16	7.48
107	107	124	SISMA SLV Y	7.98	11.84	20.46
107	107	129	SISMA SLV Y	8.18	14.52	15.94
107	107	130	SISMA SLV Y	14.94	21.14	11.19
107	107	125	SISMA SLV Y	15.06	9.82	15.75
107	107	124	SISMA SLD X	9.84	13.52	4.84
107	107	129	SISMA SLD X	7.47	7.91	6.94
107	107	130	SISMA SLD X	11.67	5.8	5.41
107	107	125	SISMA SLD X	16.17	8.87	3.66

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
107	107	124	SISMA SLD Y	3.9	5.78	9.99
107	107	129	SISMA SLD Y	3.99	7.09	7.79
107	107	130	SISMA SLD Y	7.3	10.32	5.46
107	107	125	SISMA SLD Y	7.35	4.8	7.69
107	107	124	SISMA SLO X	8.15	11.2	4.01
107	107	129	SISMA SLO X	6.19	6.55	5.75
107	107	130	SISMA SLO X	9.67	4.8	4.49
107	107	125	SISMA SLO X	13.4	7.35	3.03
107	107	124	SISMA SLO Y	3.23	4.79	8.27
107	107	129	SISMA SLO Y	3.3	5.86	6.45
107	107	130	SISMA SLO Y	6.04	8.55	4.52
107	107	125	SISMA SLO Y	6.09	3.97	6.37
107	107	124	SLT	0.	0.	0.
107	107	129	SLT	0.	0.	0.
107	107	130	SLT	0.	0.	0.
107	107	125	SLT	0.	0.	0.
107	107	124	~TorsionSISMA SLV X	0.	0.	0.
107	107	129	~TorsionSISMA SLV X	0.	0.	0.
107	107	130	~TorsionSISMA SLV X	0.	0.	0.
107	107	125	~TorsionSISMA SLV X	0.	0.	0.
107	107	124	~TorsionSISMA SLV Y	0.	0.	0.
107	107	129	~TorsionSISMA SLV Y	0.	0.	0.
107	107	130	~TorsionSISMA SLV Y	0.	0.	0.
107	107	125	~TorsionSISMA SLV Y	0.	0.	0.
107	107	124	~TorsionSISMA SLD X	0.	0.	0.
107	107	129	~TorsionSISMA SLD X	0.	0.	0.
107	107	130	~TorsionSISMA SLD X	0.	0.	0.
107	107	125	~TorsionSISMA SLD X	0.	0.	0.
107	107	124	~TorsionSISMA SLD Y	0.	0.	0.
107	107	129	~TorsionSISMA SLD Y	0.	0.	0.
107	107	130	~TorsionSISMA SLD Y	0.	0.	0.
107	107	125	~TorsionSISMA SLD Y	0.	0.	0.
107	107	124	~TorsionSISMA SLO X	0.	0.	0.
107	107	129	~TorsionSISMA SLO X	0.	0.	0.
107	107	130	~TorsionSISMA SLO X	0.	0.	0.
107	107	125	~TorsionSISMA SLO X	0.	0.	0.
107	107	124	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
107	107	129	~TorsionSISMA SLO Y	0.	0.	0.
107	107	130	~TorsionSISMA SLO Y	0.	0.	0.
107	107	125	~TorsionSISMA SLO Y	0.	0.	0.
108	108	126	G1_K	194.76	34.32	91.84
108	108	106	G1_K	-55.64	-83.18	57.76
108	108	131	G1_K	34.99	181.7	93.17
108	108	127	G1_K	-139.16	-143.95	127.24
108	108	126	G2_K	0.88	17.83	-2.95
108	108	106	G2_K	-11.05	1.32	-3.69
108	108	131	G2_K	-18.51	-2.13	-7.62
108	108	127	G2_K	-6.21	11.56	-6.89
108	108	126	Q_K	125.07	22.19	58.88
108	108	106	Q_K	-35.48	-53.18	36.94
108	108	131	Q_K	22.07	116.26	59.75
108	108	127	Q_K	-88.89	-91.82	81.69
108	108	126	N_K	15.01	2.66	7.07
108	108	106	N_K	-4.26	-6.38	4.43
108	108	131	N_K	2.65	13.95	7.17
108	108	127	N_K	-10.67	-11.02	9.8
108	108	126	T+_K	0.	0.	0.
108	108	106	T+_K	0.	0.	0.
108	108	131	T+_K	0.	0.	0.
108	108	127	T+_K	0.	0.	0.
108	108	126	T-_K	0.	0.	0.
108	108	106	T-_K	0.	0.	0.
108	108	131	T-_K	0.	0.	0.
108	108	127	T-_K	0.	0.	0.
108	108	126	G1_D	253.19	44.61	119.39
108	108	106	G1_D	-72.33	-108.14	75.09
108	108	131	G1_D	45.48	236.21	121.12
108	108	127	G1_D	-180.91	-187.13	165.42
108	108	126	G2_D	1.14	23.17	-3.84
108	108	106	G2_D	-14.37	1.72	-4.79
108	108	131	G2_D	-24.06	-2.77	-9.91
108	108	127	G2_D	-8.07	15.03	-8.96
108	108	126	Q_D	187.6	33.28	88.32
108	108	106	Q_D	-53.21	-79.78	55.41
108	108	131	Q_D	33.1	174.39	89.63
108	108	127	Q_D	-133.34	-137.73	122.54
108	108	126	N_D	22.51	3.99	10.6
108	108	106	N_D	-6.39	-9.57	6.65
108	108	131	N_D	3.97	20.93	10.76
108	108	127	N_D	-16.	-16.53	14.71
108	108	126	T+_D	0.	0.	0.
108	108	106	T+_D	0.	0.	0.
108	108	131	T+_D	0.	0.	0.
108	108	127	T+_D	0.	0.	0.
108	108	126	T-_D	0.	0.	0.
108	108	106	T-_D	0.	0.	0.
108	108	131	T-_D	0.	0.	0.
108	108	127	T-_D	0.	0.	0.
108	108	126	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
108	108	106	W+_K	0.	0.	0.
108	108	131	W+_K	0.	0.	0.
108	108	127	W+_K	0.	0.	0.
108	108	126	W-_K	0.	0.	0.
108	108	106	W-_K	0.	0.	0.
108	108	131	W-_K	0.	0.	0.
108	108	127	W-_K	0.	0.	0.
108	108	126	W+_D	0.	0.	0.
108	108	106	W+_D	0.	0.	0.
108	108	131	W+_D	0.	0.	0.
108	108	127	W+_D	0.	0.	0.
108	108	126	W-_D	0.	0.	0.
108	108	106	W-_D	0.	0.	0.
108	108	131	W-_D	0.	0.	0.
108	108	127	W-_D	0.	0.	0.
108	108	126	SISMA SLV X	23.66	17.34	14.83
108	108	106	SISMA SLV X	14.17	12.03	7.66
108	108	131	SISMA SLV X	9.32	28.16	10.89
108	108	127	SISMA SLV X	15.23	13.85	15.27
108	108	126	SISMA SLV Y	16.26	8.99	10.23
108	108	106	SISMA SLV Y	28.11	9.74	4.
108	108	131	SISMA SLV Y	19.01	17.32	4.27
108	108	127	SISMA SLV Y	7.92	10.22	10.57
108	108	126	SISMA SLD X	11.56	8.47	7.24
108	108	106	SISMA SLD X	6.92	5.88	3.74
108	108	131	SISMA SLD X	4.55	13.75	5.32
108	108	127	SISMA SLD X	7.44	6.77	7.46
108	108	126	SISMA SLD Y	7.94	4.39	5.
108	108	106	SISMA SLD Y	13.73	4.76	1.95
108	108	131	SISMA SLD Y	9.28	8.46	2.08
108	108	127	SISMA SLD Y	3.87	4.99	5.16
108	108	126	SISMA SLO X	9.58	7.01	6.
108	108	106	SISMA SLO X	5.73	4.87	3.1
108	108	131	SISMA SLO X	3.77	11.39	4.41
108	108	127	SISMA SLO X	6.16	5.6	6.18
108	108	126	SISMA SLO Y	6.58	3.64	4.14
108	108	106	SISMA SLO Y	11.37	3.94	1.62
108	108	131	SISMA SLO Y	7.69	7.	1.73
108	108	127	SISMA SLO Y	3.2	4.12	4.28
108	108	126	SLT	0.	0.	0.
108	108	106	SLT	0.	0.	0.
108	108	131	SLT	0.	0.	0.
108	108	127	SLT	0.	0.	0.
108	108	126	~TorsionSISMA SLV X	0.	0.	0.
108	108	106	~TorsionSISMA SLV X	0.	0.	0.
108	108	131	~TorsionSISMA SLV X	0.	0.	0.
108	108	127	~TorsionSISMA SLV X	0.	0.	0.
108	108	126	~TorsionSISMA SLV Y	0.	0.	0.
108	108	106	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
108	108	131	~TorsionSISMA SLV Y	0.	0.	0.
108	108	127	~TorsionSISMA SLV Y	0.	0.	0.
108	108	126	~TorsionSISMA SLD X	0.	0.	0.
108	108	106	~TorsionSISMA SLD X	0.	0.	0.
108	108	131	~TorsionSISMA SLD X	0.	0.	0.
108	108	127	~TorsionSISMA SLD X	0.	0.	0.
108	108	126	~TorsionSISMA SLD Y	0.	0.	0.
108	108	106	~TorsionSISMA SLD Y	0.	0.	0.
108	108	131	~TorsionSISMA SLD Y	0.	0.	0.
108	108	127	~TorsionSISMA SLD Y	0.	0.	0.
108	108	126	~TorsionSISMA SLO X	0.	0.	0.
108	108	106	~TorsionSISMA SLO X	0.	0.	0.
108	108	131	~TorsionSISMA SLO X	0.	0.	0.
108	108	127	~TorsionSISMA SLO X	0.	0.	0.
108	108	126	~TorsionSISMA SLO Y	0.	0.	0.
108	108	106	~TorsionSISMA SLO Y	0.	0.	0.
108	108	131	~TorsionSISMA SLO Y	0.	0.	0.
108	108	127	~TorsionSISMA SLO Y	0.	0.	0.
109	109	127	G1_K	-135.59	-143.23	77.1
109	109	131	G1_K	34.06	181.52	66.4
109	109	132	G1_K	56.31	321.19	14.43
109	109	128	G1_K	-152.92	-198.08	25.14
109	109	127	G2_K	-14.89	9.83	-11.26
109	109	131	G2_K	-17.75	-1.98	-8.48
109	109	132	G2_K	-14.13	-22.72	-13.57
109	109	128	G2_K	-12.56	13.32	-16.35
109	109	127	Q_K	-86.72	-91.39	49.67
109	109	131	Q_K	21.78	116.2	42.74
109	109	132	Q_K	36.23	205.85	9.65
109	109	128	Q_K	-97.57	-126.51	16.59
109	109	127	N_K	-10.41	-10.97	5.96
109	109	131	N_K	2.61	13.94	5.13
109	109	132	N_K	4.35	24.7	1.16
109	109	128	N_K	-11.71	-15.18	1.99
109	109	127	T+_K	0.	0.	0.
109	109	131	T+_K	0.	0.	0.
109	109	132	T+_K	0.	0.	0.
109	109	128	T+_K	0.	0.	0.
109	109	127	T-_K	0.	0.	0.
109	109	131	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
109	109	132	T-_K	0.	0.	0.
109	109	128	T-_K	0.	0.	0.
109	109	127	G1_D	-176.27	-186.2	100.23
109	109	131	G1_D	44.28	235.97	86.32
109	109	132	G1_D	73.21	417.54	18.76
109	109	128	G1_D	-198.8	-257.51	32.68
109	109	127	G2_D	-19.36	12.77	-14.64
109	109	131	G2_D	-23.07	-2.57	-11.02
109	109	132	G2_D	-18.37	-29.54	-17.64
109	109	128	G2_D	-16.33	17.31	-21.25
109	109	127	Q_D	-130.08	-137.08	74.51
109	109	131	Q_D	32.67	174.3	64.1
109	109	132	Q_D	54.35	308.77	14.48
109	109	128	Q_D	-146.36	-189.76	24.89
109	109	127	N_D	-15.61	-16.45	8.94
109	109	131	N_D	3.92	20.92	7.69
109	109	132	N_D	6.52	37.05	1.74
109	109	128	N_D	-17.56	-22.77	2.99
109	109	127	T+_D	0.	0.	0.
109	109	131	T+_D	0.	0.	0.
109	109	132	T+_D	0.	0.	0.
109	109	128	T+_D	0.	0.	0.
109	109	127	T-_D	0.	0.	0.
109	109	131	T-_D	0.	0.	0.
109	109	132	T-_D	0.	0.	0.
109	109	128	T-_D	0.	0.	0.
109	109	127	W+_K	0.	0.	0.
109	109	131	W+_K	0.	0.	0.
109	109	132	W+_K	0.	0.	0.
109	109	128	W+_K	0.	0.	0.
109	109	127	W-_K	0.	0.	0.
109	109	131	W-_K	0.	0.	0.
109	109	132	W-_K	0.	0.	0.
109	109	128	W-_K	0.	0.	0.
109	109	127	W+_D	0.	0.	0.
109	109	131	W+_D	0.	0.	0.
109	109	132	W+_D	0.	0.	0.
109	109	128	W+_D	0.	0.	0.
109	109	127	W-_D	0.	0.	0.
109	109	131	W-_D	0.	0.	0.
109	109	132	W-_D	0.	0.	0.
109	109	128	W-_D	0.	0.	0.
109	109	127	SISMA SLV X	15.52	13.74	10.9
109	109	131	SISMA SLV X	9.33	28.27	8.59
109	109	132	SISMA SLV X	17.42	42.15	9.69
109	109	128	SISMA SLV X	20.44	23.37	11.91
109	109	127	SISMA SLV Y	10.61	9.49	5.57
109	109	131	SISMA SLV Y	18.41	17.44	3.96
109	109	132	SISMA SLV Y	24.24	20.79	6.74
109	109	128	SISMA SLV Y	8.88	18.23	5.18
109	109	127	SISMA SLD X	7.58	6.71	5.32
109	109	131	SISMA SLD X	4.56	13.81	4.2
109	109	132	SISMA SLD X	8.51	20.59	4.73
109	109	128	SISMA SLD X	9.99	11.42	5.82

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
109	109	127	SISMA SLD Y	5.18	4.63	2.72
109	109	131	SISMA SLD Y	8.99	8.52	1.94
109	109	132	SISMA SLD Y	11.84	10.16	3.29
109	109	128	SISMA SLD Y	4.34	8.9	2.53
109	109	127	SISMA SLO X	6.28	5.56	4.41
109	109	131	SISMA SLO X	3.78	11.44	3.48
109	109	132	SISMA SLO X	7.05	17.06	3.92
109	109	128	SISMA SLO X	8.28	9.46	4.82
109	109	127	SISMA SLO Y	4.29	3.83	2.25
109	109	131	SISMA SLO Y	7.45	7.05	1.6
109	109	132	SISMA SLO Y	9.8	8.41	2.73
109	109	128	SISMA SLO Y	3.59	7.37	2.1
109	109	127	SLT	0.	0.	0.
109	109	131	SLT	0.	0.	0.
109	109	132	SLT	0.	0.	0.
109	109	128	SLT	0.	0.	0.
109	109	127	~TorsionSISMA SLV X	0.	0.	0.
109	109	131	~TorsionSISMA SLV X	0.	0.	0.
109	109	132	~TorsionSISMA SLV X	0.	0.	0.
109	109	128	~TorsionSISMA SLV X	0.	0.	0.
109	109	127	~TorsionSISMA SLV Y	0.	0.	0.
109	109	131	~TorsionSISMA SLV Y	0.	0.	0.
109	109	132	~TorsionSISMA SLV Y	0.	0.	0.
109	109	128	~TorsionSISMA SLV Y	0.	0.	0.
109	109	127	~TorsionSISMA SLD X	0.	0.	0.
109	109	131	~TorsionSISMA SLD X	0.	0.	0.
109	109	132	~TorsionSISMA SLD X	0.	0.	0.
109	109	128	~TorsionSISMA SLD X	0.	0.	0.
109	109	127	~TorsionSISMA SLD Y	0.	0.	0.
109	109	131	~TorsionSISMA SLD Y	0.	0.	0.
109	109	132	~TorsionSISMA SLD Y	0.	0.	0.
109	109	128	~TorsionSISMA SLD Y	0.	0.	0.
109	109	127	~TorsionSISMA SLO X	0.	0.	0.
109	109	131	~TorsionSISMA SLO X	0.	0.	0.
109	109	132	~TorsionSISMA SLO X	0.	0.	0.
109	109	128	~TorsionSISMA SLO X	0.	0.	0.
109	109	127	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
109	109	131	~TorsionSISMA SLO Y	0.	0.	0.
109	109	132	~TorsionSISMA SLO Y	0.	0.	0.
109	109	128	~TorsionSISMA SLO Y	0.	0.	0.
110	110	128	G1_K	-153.9	-198.28	-33.64
110	110	132	G1_K	52.59	320.44	-20.3
110	110	133	G1_K	25.94	187.07	-66.54
110	110	129	G1_K	-138.12	-144.46	-79.88
110	110	128	G2_K	-23.28	11.17	-24.94
110	110	132	G2_K	-0.61	-20.02	-15.45
110	110	133	G2_K	-15.8	-95.82	-17.42
110	110	129	G2_K	15.01	43.17	-26.9
110	110	128	Q_K	-98.25	-126.64	-20.94
110	110	132	Q_K	34.85	205.57	-12.63
110	110	133	Q_K	17.84	120.43	-42.25
110	110	129	Q_K	-87.68	-92.55	-50.56
110	110	128	N_K	-11.79	-15.2	-2.51
110	110	132	N_K	4.18	24.67	-1.52
110	110	133	N_K	2.14	14.45	-5.07
110	110	129	N_K	-10.52	-11.11	-6.07
110	110	128	T+_K	0.	0.	0.
110	110	132	T+_K	0.	0.	0.
110	110	133	T+_K	0.	0.	0.
110	110	129	T+_K	0.	0.	0.
110	110	128	T-_K	0.	0.	0.
110	110	132	T-_K	0.	0.	0.
110	110	133	T-_K	0.	0.	0.
110	110	129	T-_K	0.	0.	0.
110	110	128	G1_D	-200.07	-257.76	-43.73
110	110	132	G1_D	68.37	416.57	-26.39
110	110	133	G1_D	33.72	243.2	-86.5
110	110	129	G1_D	-179.56	-187.8	-103.84
110	110	128	G2_D	-30.27	14.53	-32.42
110	110	132	G2_D	-0.79	-26.02	-20.09
110	110	133	G2_D	-20.53	-124.57	-22.64
110	110	129	G2_D	19.51	56.12	-34.97
110	110	128	Q_D	-147.38	-189.96	-31.4
110	110	132	Q_D	52.27	308.36	-18.94
110	110	133	Q_D	26.75	180.64	-63.38
110	110	129	Q_D	-131.51	-138.83	-75.84
110	110	128	N_D	-17.69	-22.8	-3.77
110	110	132	N_D	6.27	37.	-2.27
110	110	133	N_D	3.21	21.68	-7.61
110	110	129	N_D	-15.78	-16.66	-9.1
110	110	128	T+_D	0.	0.	0.
110	110	132	T+_D	0.	0.	0.
110	110	133	T+_D	0.	0.	0.
110	110	129	T+_D	0.	0.	0.
110	110	128	T-_D	0.	0.	0.
110	110	132	T-_D	0.	0.	0.
110	110	133	T-_D	0.	0.	0.
110	110	129	T-_D	0.	0.	0.
110	110	128	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
110	110	132	W+_K	0.	0.	0.
110	110	133	W+_K	0.	0.	0.
110	110	129	W+_K	0.	0.	0.
110	110	128	W-_K	0.	0.	0.
110	110	132	W-_K	0.	0.	0.
110	110	133	W-_K	0.	0.	0.
110	110	129	W-_K	0.	0.	0.
110	110	128	W+_D	0.	0.	0.
110	110	132	W+_D	0.	0.	0.
110	110	133	W+_D	0.	0.	0.
110	110	129	W+_D	0.	0.	0.
110	110	128	W-_D	0.	0.	0.
110	110	132	W-_D	0.	0.	0.
110	110	133	W-_D	0.	0.	0.
110	110	129	W-_D	0.	0.	0.
110	110	128	SISMA SLV X	21.22	23.51	17.17
110	110	132	SISMA SLV X	16.35	42.17	11.88
110	110	133	SISMA SLV X	12.37	19.2	15.37
110	110	129	SISMA SLV X	14.81	15.88	20.63
110	110	128	SISMA SLV Y	10.16	18.01	9.05
110	110	132	SISMA SLV Y	20.24	21.2	5.38
110	110	133	SISMA SLV Y	20.84	8.59	7.47
110	110	129	SISMA SLV Y	6.84	11.9	11.59
110	110	128	SISMA SLD X	10.37	11.48	8.39
110	110	132	SISMA SLD X	7.98	20.6	5.8
110	110	133	SISMA SLD X	6.04	9.38	7.51
110	110	129	SISMA SLD X	7.23	7.76	10.08
110	110	128	SISMA SLD Y	4.96	8.8	4.42
110	110	132	SISMA SLD Y	9.89	10.35	2.63
110	110	133	SISMA SLD Y	10.18	4.2	3.65
110	110	129	SISMA SLD Y	3.34	5.81	5.66
110	110	128	SISMA SLO X	8.59	9.51	6.95
110	110	132	SISMA SLO X	6.61	17.07	4.8
110	110	133	SISMA SLO X	5.	7.77	6.22
110	110	129	SISMA SLO X	5.99	6.42	8.35
110	110	128	SISMA SLO Y	4.11	7.28	3.66
110	110	132	SISMA SLO Y	8.19	8.57	2.18
110	110	133	SISMA SLO Y	8.43	3.47	3.02
110	110	129	SISMA SLO Y	2.76	4.8	4.69
110	110	128	SLT	0.	0.	0.
110	110	132	SLT	0.	0.	0.
110	110	133	SLT	0.	0.	0.
110	110	129	SLT	0.	0.	0.
110	110	128	~TorsionSISMA SLV X	0.	0.	0.
110	110	132	~TorsionSISMA SLV X	0.	0.	0.
110	110	133	~TorsionSISMA SLV X	0.	0.	0.
110	110	129	~TorsionSISMA SLV X	0.	0.	0.
110	110	128	~TorsionSISMA SLV Y	0.	0.	0.
110	110	132	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
110	110	133	~TorsionSISMA SLV Y	0.	0.	0.
110	110	129	~TorsionSISMA SLV Y	0.	0.	0.
110	110	128	~TorsionSISMA SLD X	0.	0.	0.
110	110	132	~TorsionSISMA SLD X	0.	0.	0.
110	110	133	~TorsionSISMA SLD X	0.	0.	0.
110	110	129	~TorsionSISMA SLD X	0.	0.	0.
110	110	128	~TorsionSISMA SLD Y	0.	0.	0.
110	110	132	~TorsionSISMA SLD Y	0.	0.	0.
110	110	133	~TorsionSISMA SLD Y	0.	0.	0.
110	110	129	~TorsionSISMA SLD Y	0.	0.	0.
110	110	128	~TorsionSISMA SLO X	0.	0.	0.
110	110	132	~TorsionSISMA SLO X	0.	0.	0.
110	110	133	~TorsionSISMA SLO X	0.	0.	0.
110	110	129	~TorsionSISMA SLO X	0.	0.	0.
110	110	128	~TorsionSISMA SLO Y	0.	0.	0.
110	110	132	~TorsionSISMA SLO Y	0.	0.	0.
110	110	133	~TorsionSISMA SLO Y	0.	0.	0.
110	110	129	~TorsionSISMA SLO Y	0.	0.	0.
111	111	129	G1_K	-145.93	-146.02	-129.24
111	111	133	G1_K	43.87	190.66	-99.99
111	111	105	G1_K	-104.28	-120.73	-61.76
111	111	130	G1_K	183.99	42.26	-91.
111	111	129	G2_K	13.9	42.94	-3.14
111	111	133	G2_K	-46.25	-101.91	-19.9
111	111	105	G2_K	144.84	29.21	21.4
111	111	130	G2_K	172.37	27.43	38.16
111	111	129	Q_K	-92.14	-93.45	-82.02
111	111	133	Q_K	28.3	122.52	-63.33
111	111	105	Q_K	-60.03	-75.63	-39.61
111	111	130	Q_K	117.01	25.3	-58.3
111	111	129	N_K	-11.06	-11.21	-9.84
111	111	133	N_K	3.4	14.7	-7.6
111	111	105	N_K	-7.2	-9.08	-4.75
111	111	130	N_K	14.04	3.04	-7.
111	111	129	T+_K	0.	0.	0.
111	111	133	T+_K	0.	0.	0.
111	111	105	T+_K	0.	0.	0.
111	111	130	T+_K	0.	0.	0.
111	111	129	T-_K	0.	0.	0.
111	111	133	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
111	111	105	T-_K	0.	0.	0.
111	111	130	T-_K	0.	0.	0.
111	111	129	G1_D	-189.71	-189.83	-168.01
111	111	133	G1_D	57.03	247.86	-129.99
111	111	105	G1_D	-135.56	-156.95	-80.29
111	111	130	G1_D	239.18	54.94	-118.3
111	111	129	G2_D	18.07	55.83	-4.09
111	111	133	G2_D	-60.13	-132.49	-25.87
111	111	105	G2_D	188.29	37.97	27.82
111	111	130	G2_D	224.08	35.66	49.61
111	111	129	Q_D	-138.22	-140.17	-123.02
111	111	133	Q_D	42.45	183.78	-94.99
111	111	105	Q_D	-90.05	-113.45	-59.41
111	111	130	Q_D	175.51	37.94	-87.45
111	111	129	N_D	-16.59	-16.82	-14.76
111	111	133	N_D	5.09	22.05	-11.4
111	111	105	N_D	-10.81	-13.61	-7.13
111	111	130	N_D	21.06	4.55	-10.49
111	111	129	T+_D	0.	0.	0.
111	111	133	T+_D	0.	0.	0.
111	111	105	T+_D	0.	0.	0.
111	111	130	T+_D	0.	0.	0.
111	111	129	T-_D	0.	0.	0.
111	111	133	T-_D	0.	0.	0.
111	111	105	T-_D	0.	0.	0.
111	111	130	T-_D	0.	0.	0.
111	111	129	W+_K	0.	0.	0.
111	111	133	W+_K	0.	0.	0.
111	111	105	W+_K	0.	0.	0.
111	111	130	W+_K	0.	0.	0.
111	111	129	W-_K	0.	0.	0.
111	111	133	W-_K	0.	0.	0.
111	111	105	W-_K	0.	0.	0.
111	111	130	W-_K	0.	0.	0.
111	111	129	W+_D	0.	0.	0.
111	111	133	W+_D	0.	0.	0.
111	111	105	W+_D	0.	0.	0.
111	111	130	W+_D	0.	0.	0.
111	111	129	W-_D	0.	0.	0.
111	111	133	W-_D	0.	0.	0.
111	111	105	W-_D	0.	0.	0.
111	111	130	W-_D	0.	0.	0.
111	111	129	SISMA SLV X	15.41	16.07	20.97
111	111	133	SISMA SLV X	8.36	19.67	18.25
111	111	105	SISMA SLV X	27.34	15.67	10.79
111	111	130	SISMA SLV X	24.42	4.32	13.39
111	111	129	SISMA SLV Y	7.95	12.82	13.22
111	111	133	SISMA SLV Y	14.61	9.24	8.25
111	111	105	SISMA SLV Y	28.73	9.57	6.02
111	111	130	SISMA SLV Y	12.89	2.53	7.77
111	111	129	SISMA SLD X	7.53	7.85	10.24
111	111	133	SISMA SLD X	4.08	9.61	8.91
111	111	105	SISMA SLD X	13.35	7.65	5.27
111	111	130	SISMA SLD X	11.93	2.11	6.54

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
111	111	129	SISMA SLD Y	3.88	6.26	6.46
111	111	133	SISMA SLD Y	7.14	4.51	4.03
111	111	105	SISMA SLD Y	14.03	4.67	2.94
111	111	130	SISMA SLD Y	6.29	1.23	3.8
111	111	129	SISMA SLO X	6.23	6.5	8.49
111	111	133	SISMA SLO X	3.38	7.96	7.38
111	111	105	SISMA SLO X	11.07	6.34	4.36
111	111	130	SISMA SLO X	9.88	1.75	5.42
111	111	129	SISMA SLO Y	3.21	5.17	5.35
111	111	133	SISMA SLO Y	5.91	3.73	3.34
111	111	105	SISMA SLO Y	11.62	3.87	2.44
111	111	130	SISMA SLO Y	5.21	1.02	3.15
111	111	129	SLT	0.	0.	0.
111	111	133	SLT	0.	0.	0.
111	111	105	SLT	0.	0.	0.
111	111	130	SLT	0.	0.	0.
111	111	129	~TorsionSISMA SLV X	0.	0.	0.
111	111	133	~TorsionSISMA SLV X	0.	0.	0.
111	111	105	~TorsionSISMA SLV X	0.	0.	0.
111	111	130	~TorsionSISMA SLV X	0.	0.	0.
111	111	129	~TorsionSISMA SLV Y	0.	0.	0.
111	111	133	~TorsionSISMA SLV Y	0.	0.	0.
111	111	105	~TorsionSISMA SLV Y	0.	0.	0.
111	111	130	~TorsionSISMA SLV Y	0.	0.	0.
111	111	129	~TorsionSISMA SLD X	0.	0.	0.
111	111	133	~TorsionSISMA SLD X	0.	0.	0.
111	111	105	~TorsionSISMA SLD X	0.	0.	0.
111	111	130	~TorsionSISMA SLD X	0.	0.	0.
111	111	129	~TorsionSISMA SLD Y	0.	0.	0.
111	111	133	~TorsionSISMA SLD Y	0.	0.	0.
111	111	105	~TorsionSISMA SLD Y	0.	0.	0.
111	111	130	~TorsionSISMA SLD Y	0.	0.	0.
111	111	129	~TorsionSISMA SLO X	0.	0.	0.
111	111	133	~TorsionSISMA SLO X	0.	0.	0.
111	111	105	~TorsionSISMA SLO X	0.	0.	0.
111	111	130	~TorsionSISMA SLO X	0.	0.	0.
111	111	129	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
111	111	133	~TorsionSISMA SLO Y	0.	0.	0.
111	111	105	~TorsionSISMA SLO Y	0.	0.	0.
111	111	130	~TorsionSISMA SLO Y	0.	0.	0.
112	112	172	G1_K	-26.93	-131.75	-3.4
112	112	175	G1_K	-25.67	-131.24	1.9
112	112	56	G1_K	-13.43	-107.02	0.53
112	112	53	G1_K	-14.76	-107.34	-4.77
112	112	172	G2_K	171.24	799.91	26.84
112	112	175	G2_K	173.07	921.64	-32.84
112	112	56	G2_K	-25.26	127.14	19.43
112	112	53	G2_K	-27.05	9.07	79.1
112	112	172	Q_K	-7.87	-37.28	-1.03
112	112	175	Q_K	-7.18	-37.96	1.12
112	112	56	Q_K	-1.87	-24.37	0.2
112	112	53	Q_K	-2.59	-23.62	-1.95
112	112	172	N_K	-0.94	-4.47	-0.12
112	112	175	N_K	-0.86	-4.56	0.13
112	112	56	N_K	-0.22	-2.92	2.448E-02
112	112	53	N_K	-0.31	-2.83	-0.23
112	112	172	T+_K	0.	0.	0.
112	112	175	T+_K	0.	0.	0.
112	112	56	T+_K	0.	0.	0.
112	112	53	T+_K	0.	0.	0.
112	112	172	T-_K	0.	0.	0.
112	112	175	T-_K	0.	0.	0.
112	112	56	T-_K	0.	0.	0.
112	112	53	T-_K	0.	0.	0.
112	112	172	G1_D	-35.01	-171.28	-4.42
112	112	175	G1_D	-33.37	-170.61	2.48
112	112	56	G1_D	-17.46	-139.12	0.7
112	112	53	G1_D	-19.19	-139.54	-6.2
112	112	172	G2_D	222.61	1039.88	34.89
112	112	175	G2_D	224.99	1198.13	-42.69
112	112	56	G2_D	-32.83	165.28	25.26
112	112	53	G2_D	-35.16	11.79	102.83
112	112	172	Q_D	-11.81	-55.92	-1.55
112	112	175	Q_D	-10.77	-56.94	1.68
112	112	56	Q_D	-2.8	-36.56	0.31
112	112	53	Q_D	-3.89	-35.44	-2.92
112	112	172	N_D	-1.42	-6.71	-0.19
112	112	175	N_D	-1.29	-6.83	0.2
112	112	56	N_D	-0.34	-4.39	3.672E-02
112	112	53	N_D	-0.47	-4.25	-0.35
112	112	172	T+_D	0.	0.	0.
112	112	175	T+_D	0.	0.	0.
112	112	56	T+_D	0.	0.	0.
112	112	53	T+_D	0.	0.	0.
112	112	172	T-_D	0.	0.	0.
112	112	175	T-_D	0.	0.	0.
112	112	56	T-_D	0.	0.	0.
112	112	53	T-_D	0.	0.	0.
112	112	172	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
112	112	175	W+_K	0.	0.	0.
112	112	56	W+_K	0.	0.	0.
112	112	53	W+_K	0.	0.	0.
112	112	172	W-_K	0.	0.	0.
112	112	175	W-_K	0.	0.	0.
112	112	56	W-_K	0.	0.	0.
112	112	53	W-_K	0.	0.	0.
112	112	172	W+_D	0.	0.	0.
112	112	175	W+_D	0.	0.	0.
112	112	56	W+_D	0.	0.	0.
112	112	53	W+_D	0.	0.	0.
112	112	172	W-_D	0.	0.	0.
112	112	175	W-_D	0.	0.	0.
112	112	56	W-_D	0.	0.	0.
112	112	53	W-_D	0.	0.	0.
112	112	172	SISMA SLV X	16.04	79.76	8.64
112	112	175	SISMA SLV X	16.37	82.13	9.86
112	112	56	SISMA SLV X	7.03	34.46	19.64
112	112	53	SISMA SLV X	7.25	32.51	18.46
112	112	172	SISMA SLV Y	9.45	44.17	15.16
112	112	175	SISMA SLV Y	7.59	39.74	16.42
112	112	56	SISMA SLV Y	4.46	18.23	34.01
112	112	53	SISMA SLV Y	7.82	24.99	32.72
112	112	172	SISMA SLD X	7.84	38.96	4.22
112	112	175	SISMA SLD X	8.	40.12	4.82
112	112	56	SISMA SLD X	3.43	16.83	9.59
112	112	53	SISMA SLD X	3.54	15.88	9.02
112	112	172	SISMA SLD Y	4.62	21.57	7.4
112	112	175	SISMA SLD Y	3.71	19.41	8.02
112	112	56	SISMA SLD Y	2.18	8.9	16.61
112	112	53	SISMA SLD Y	3.82	12.2	15.98
112	112	172	SISMA SLO X	6.49	32.27	3.49
112	112	175	SISMA SLO X	6.62	33.23	3.99
112	112	56	SISMA SLO X	2.84	13.94	7.94
112	112	53	SISMA SLO X	2.93	13.15	7.47
112	112	172	SISMA SLO Y	3.82	17.87	6.13
112	112	175	SISMA SLO Y	3.07	16.08	6.64
112	112	56	SISMA SLO Y	1.8	7.37	13.76
112	112	53	SISMA SLO Y	3.16	10.11	13.23
112	112	172	SLT	0.	0.	0.
112	112	175	SLT	0.	0.	0.
112	112	56	SLT	0.	0.	0.
112	112	53	SLT	0.	0.	0.
112	112	172	~TorsionSISMA SLV X	0.	0.	0.
112	112	175	~TorsionSISMA SLV X	0.	0.	0.
112	112	56	~TorsionSISMA SLV X	0.	0.	0.
112	112	53	~TorsionSISMA SLV X	0.	0.	0.
112	112	172	~TorsionSISMA SLV Y	0.	0.	0.
112	112	175	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
112	112	56	~TorsionSISMA SLV Y	0.	0.	0.
112	112	53	~TorsionSISMA SLV Y	0.	0.	0.
112	112	172	~TorsionSISMA SLD X	0.	0.	0.
112	112	175	~TorsionSISMA SLD X	0.	0.	0.
112	112	56	~TorsionSISMA SLD X	0.	0.	0.
112	112	53	~TorsionSISMA SLD X	0.	0.	0.
112	112	172	~TorsionSISMA SLD Y	0.	0.	0.
112	112	175	~TorsionSISMA SLD Y	0.	0.	0.
112	112	56	~TorsionSISMA SLD Y	0.	0.	0.
112	112	53	~TorsionSISMA SLD Y	0.	0.	0.
112	112	172	~TorsionSISMA SLO X	0.	0.	0.
112	112	175	~TorsionSISMA SLO X	0.	0.	0.
112	112	56	~TorsionSISMA SLO X	0.	0.	0.
112	112	53	~TorsionSISMA SLO X	0.	0.	0.
112	112	172	~TorsionSISMA SLO Y	0.	0.	0.
112	112	175	~TorsionSISMA SLO Y	0.	0.	0.
112	112	56	~TorsionSISMA SLO Y	0.	0.	0.
112	112	53	~TorsionSISMA SLO Y	0.	0.	0.
113	113	53	G1_K	-15.91	-106.13	-7.57
113	113	56	G1_K	-12.81	-110.87	3.76
113	113	176	G1_K	8.45	-85.08	-1.05
113	113	173	G1_K	5.27	-79.98	-12.37
113	113	53	G2_K	0.63	85.99	106.85
113	113	56	G2_K	-54.58	41.98	-5.99
113	113	176	G2_K	-226.16	-349.12	-16.96
113	113	173	G2_K	-170.75	-304.	95.88
113	113	53	Q_K	-4.48	-28.61	-4.76
113	113	56	Q_K	-2.63	-32.65	2.6
113	113	176	Q_K	9.18	-17.71	-2.564E-02
113	113	173	Q_K	7.27	-13.41	-7.38
113	113	53	N_K	-0.54	-3.43	-0.57
113	113	56	N_K	-0.32	-3.92	0.31
113	113	176	N_K	1.1	-2.13	-3.077E-03
113	113	173	N_K	0.87	-1.61	-0.89
113	113	53	T+_K	0.	0.	0.
113	113	56	T+_K	0.	0.	0.
113	113	176	T+_K	0.	0.	0.
113	113	173	T+_K	0.	0.	0.
113	113	53	T-_K	0.	0.	0.
113	113	56	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
113	113	176	T-_K	0.	0.	0.
113	113	173	T-_K	0.	0.	0.
113	113	53	G1_D	-20.68	-137.97	-9.84
113	113	56	G1_D	-16.66	-144.13	4.88
113	113	176	G1_D	10.98	-110.6	-1.36
113	113	173	G1_D	6.85	-103.97	-16.08
113	113	53	G2_D	0.82	111.78	138.91
113	113	56	G2_D	-70.96	54.57	-7.79
113	113	176	G2_D	-294.	-453.86	-22.05
113	113	173	G2_D	-221.98	-395.2	124.64
113	113	53	Q_D	-6.72	-42.92	-7.14
113	113	56	Q_D	-3.95	-48.97	3.9
113	113	176	Q_D	13.77	-26.57	-3.846E-02
113	113	173	Q_D	10.91	-20.12	-11.08
113	113	53	N_D	-0.81	-5.15	-0.86
113	113	56	N_D	-0.47	-5.88	0.47
113	113	176	N_D	1.65	-3.19	-4.615E-03
113	113	173	N_D	1.31	-2.41	-1.33
113	113	53	T+_D	0.	0.	0.
113	113	56	T+_D	0.	0.	0.
113	113	176	T+_D	0.	0.	0.
113	113	173	T+_D	0.	0.	0.
113	113	53	T-_D	0.	0.	0.
113	113	56	T-_D	0.	0.	0.
113	113	176	T-_D	0.	0.	0.
113	113	173	T-_D	0.	0.	0.
113	113	53	W+_K	0.	0.	0.
113	113	56	W+_K	0.	0.	0.
113	113	176	W+_K	0.	0.	0.
113	113	173	W+_K	0.	0.	0.
113	113	53	W-_K	0.	0.	0.
113	113	56	W-_K	0.	0.	0.
113	113	176	W-_K	0.	0.	0.
113	113	173	W-_K	0.	0.	0.
113	113	53	W+_D	0.	0.	0.
113	113	56	W+_D	0.	0.	0.
113	113	176	W+_D	0.	0.	0.
113	113	173	W+_D	0.	0.	0.
113	113	53	W-_D	0.	0.	0.
113	113	56	W-_D	0.	0.	0.
113	113	176	W-_D	0.	0.	0.
113	113	173	W-_D	0.	0.	0.
113	113	53	SISMA SLV X	8.81	37.46	14.98
113	113	56	SISMA SLV X	7.67	38.54	18.95
113	113	176	SISMA SLV X	8.9	8.91	17.4
113	113	173	SISMA SLV X	9.17	13.	13.59
113	113	53	SISMA SLV Y	10.03	29.	28.87
113	113	56	SISMA SLV Y	3.51	17.53	29.91
113	113	176	SISMA SLV Y	4.95	4.13	27.59
113	113	173	SISMA SLV Y	6.94	18.42	26.55
113	113	53	SISMA SLD X	4.3	18.29	7.32
113	113	56	SISMA SLD X	3.74	18.82	9.25
113	113	176	SISMA SLD X	4.35	4.35	8.5
113	113	173	SISMA SLD X	4.48	6.35	6.64

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
113	113	53	SISMA SLD Y	4.9	14.16	14.1
113	113	56	SISMA SLD Y	1.71	8.56	14.61
113	113	176	SISMA SLD Y	2.42	2.02	13.47
113	113	173	SISMA SLD Y	3.39	9.	12.97
113	113	53	SISMA SLO X	3.56	15.15	6.06
113	113	56	SISMA SLO X	3.1	15.59	7.67
113	113	176	SISMA SLO X	3.6	3.6	7.04
113	113	173	SISMA SLO X	3.71	5.25	5.5
113	113	53	SISMA SLO Y	4.06	11.73	11.68
113	113	56	SISMA SLO Y	1.42	7.09	12.1
113	113	176	SISMA SLO Y	2.	1.67	11.16
113	113	173	SISMA SLO Y	2.81	7.45	10.74
113	113	53	SLT	0.	0.	0.
113	113	56	SLT	0.	0.	0.
113	113	176	SLT	0.	0.	0.
113	113	173	SLT	0.	0.	0.
113	113	53	~TorsionSISMA SLV X	0.	0.	0.
113	113	56	~TorsionSISMA SLV X	0.	0.	0.
113	113	176	~TorsionSISMA SLV X	0.	0.	0.
113	113	173	~TorsionSISMA SLV X	0.	0.	0.
113	113	53	~TorsionSISMA SLV Y	0.	0.	0.
113	113	56	~TorsionSISMA SLV Y	0.	0.	0.
113	113	176	~TorsionSISMA SLV Y	0.	0.	0.
113	113	173	~TorsionSISMA SLV Y	0.	0.	0.
113	113	53	~TorsionSISMA SLD X	0.	0.	0.
113	113	56	~TorsionSISMA SLD X	0.	0.	0.
113	113	176	~TorsionSISMA SLD X	0.	0.	0.
113	113	173	~TorsionSISMA SLD X	0.	0.	0.
113	113	53	~TorsionSISMA SLD Y	0.	0.	0.
113	113	56	~TorsionSISMA SLD Y	0.	0.	0.
113	113	176	~TorsionSISMA SLD Y	0.	0.	0.
113	113	173	~TorsionSISMA SLD Y	0.	0.	0.
113	113	53	~TorsionSISMA SLO X	0.	0.	0.
113	113	56	~TorsionSISMA SLO X	0.	0.	0.
113	113	176	~TorsionSISMA SLO X	0.	0.	0.
113	113	173	~TorsionSISMA SLO X	0.	0.	0.
113	113	53	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
113	113	56	~TorsionSISMA SLO Y	0.	0.	0.
113	113	176	~TorsionSISMA SLO Y	0.	0.	0.
113	113	173	~TorsionSISMA SLO Y	0.	0.	0.
114	114	173	G1_K	4.18	-79.25	-11.91
114	114	176	G1_K	8.71	-89.96	-1.02
114	114	57	G1_K	26.32	-61.9	-3.55
114	114	54	G1_K	21.76	-51.22	-14.44
114	114	173	G2_K	-152.82	-246.87	64.91
114	114	176	G2_K	-228.91	-330.38	10.45
114	114	57	G2_K	-296.99	-422.65	-31.44
114	114	54	G2_K	-220.73	-339.72	23.02
114	114	173	Q_K	5.03	-20.47	-7.6
114	114	176	Q_K	7.93	-28.14	-0.26
114	114	57	Q_K	18.77	-11.11	-2.58
114	114	54	Q_K	15.85	-3.46	-9.92
114	114	173	N_K	0.6	-2.46	-0.91
114	114	176	N_K	0.95	-3.38	-3.145E-02
114	114	57	N_K	2.25	-1.33	-0.31
114	114	54	N_K	1.9	-0.42	-1.19
114	114	173	T+_K	0.	0.	0.
114	114	176	T+_K	0.	0.	0.
114	114	57	T+_K	0.	0.	0.
114	114	54	T+_K	0.	0.	0.
114	114	173	T-_K	0.	0.	0.
114	114	176	T-_K	0.	0.	0.
114	114	57	T-_K	0.	0.	0.
114	114	54	T-_K	0.	0.	0.
114	114	173	G1_D	5.43	-103.02	-15.49
114	114	176	G1_D	11.32	-116.94	-1.33
114	114	57	G1_D	34.22	-80.47	-4.62
114	114	54	G1_D	28.29	-66.58	-18.78
114	114	173	G2_D	-198.67	-320.93	84.38
114	114	176	G2_D	-297.58	-429.5	13.58
114	114	57	G2_D	-386.09	-549.45	-40.87
114	114	54	G2_D	-286.95	-441.64	29.93
114	114	173	Q_D	7.54	-30.71	-11.41
114	114	176	Q_D	11.89	-42.21	-0.39
114	114	57	Q_D	28.15	-16.67	-3.87
114	114	54	Q_D	23.77	-5.19	-14.88
114	114	173	N_D	0.91	-3.68	-1.37
114	114	176	N_D	1.43	-5.07	-4.717E-02
114	114	57	N_D	3.38	-2.	-0.46
114	114	54	N_D	2.85	-0.62	-1.79
114	114	173	T+_D	0.	0.	0.
114	114	176	T+_D	0.	0.	0.
114	114	57	T+_D	0.	0.	0.
114	114	54	T+_D	0.	0.	0.
114	114	173	T-_D	0.	0.	0.
114	114	176	T-_D	0.	0.	0.
114	114	57	T-_D	0.	0.	0.
114	114	54	T-_D	0.	0.	0.
114	114	173	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
114	114	176	W+_K	0.	0.	0.
114	114	57	W+_K	0.	0.	0.
114	114	54	W+_K	0.	0.	0.
114	114	173	W-_K	0.	0.	0.
114	114	176	W-_K	0.	0.	0.
114	114	57	W-_K	0.	0.	0.
114	114	54	W-_K	0.	0.	0.
114	114	173	W+_D	0.	0.	0.
114	114	176	W+_D	0.	0.	0.
114	114	57	W+_D	0.	0.	0.
114	114	54	W+_D	0.	0.	0.
114	114	173	W-_D	0.	0.	0.
114	114	176	W-_D	0.	0.	0.
114	114	57	W-_D	0.	0.	0.
114	114	54	W-_D	0.	0.	0.
114	114	173	SISMA SLV X	8.46	10.06	14.92
114	114	176	SISMA SLV X	7.91	7.37	17.3
114	114	57	SISMA SLV X	20.88	32.2	18.22
114	114	54	SISMA SLV X	20.77	35.42	15.63
114	114	173	SISMA SLV Y	7.73	16.99	27.22
114	114	176	SISMA SLV Y	5.83	4.01	28.19
114	114	57	SISMA SLV Y	12.16	15.75	27.15
114	114	54	SISMA SLV Y	9.71	20.1	26.14
114	114	173	SISMA SLD X	4.13	4.91	7.29
114	114	176	SISMA SLD X	3.87	3.6	8.45
114	114	57	SISMA SLD X	10.2	15.73	8.9
114	114	54	SISMA SLD X	10.14	17.3	7.63
114	114	173	SISMA SLD Y	3.78	8.3	13.3
114	114	176	SISMA SLD Y	2.85	1.96	13.77
114	114	57	SISMA SLD Y	5.94	7.69	13.26
114	114	54	SISMA SLD Y	4.74	9.82	12.77
114	114	173	SISMA SLO X	3.42	4.06	6.03
114	114	176	SISMA SLO X	3.2	2.97	7.
114	114	57	SISMA SLO X	8.45	13.03	7.37
114	114	54	SISMA SLO X	8.4	14.33	6.32
114	114	173	SISMA SLO Y	3.13	6.87	11.01
114	114	176	SISMA SLO Y	2.36	1.62	11.4
114	114	57	SISMA SLO Y	4.92	6.37	10.98
114	114	54	SISMA SLO Y	3.93	8.13	10.57
114	114	173	SLT	0.	0.	0.
114	114	176	SLT	0.	0.	0.
114	114	57	SLT	0.	0.	0.
114	114	54	SLT	0.	0.	0.
114	114	173	~TorsionSISMA SLV X	0.	0.	0.
114	114	176	~TorsionSISMA SLV X	0.	0.	0.
114	114	57	~TorsionSISMA SLV X	0.	0.	0.
114	114	54	~TorsionSISMA SLV X	0.	0.	0.
114	114	173	~TorsionSISMA SLV Y	0.	0.	0.
114	114	176	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
114	114	57	~TorsionSISMA SLV Y	0.	0.	0.
114	114	54	~TorsionSISMA SLV Y	0.	0.	0.
114	114	173	~TorsionSISMA SLD X	0.	0.	0.
114	114	176	~TorsionSISMA SLD X	0.	0.	0.
114	114	57	~TorsionSISMA SLD X	0.	0.	0.
114	114	54	~TorsionSISMA SLD X	0.	0.	0.
114	114	173	~TorsionSISMA SLD Y	0.	0.	0.
114	114	176	~TorsionSISMA SLD Y	0.	0.	0.
114	114	57	~TorsionSISMA SLD Y	0.	0.	0.
114	114	54	~TorsionSISMA SLD Y	0.	0.	0.
114	114	173	~TorsionSISMA SLO X	0.	0.	0.
114	114	176	~TorsionSISMA SLO X	0.	0.	0.
114	114	57	~TorsionSISMA SLO X	0.	0.	0.
114	114	54	~TorsionSISMA SLO X	0.	0.	0.
114	114	173	~TorsionSISMA SLO Y	0.	0.	0.
114	114	176	~TorsionSISMA SLO Y	0.	0.	0.
114	114	57	~TorsionSISMA SLO Y	0.	0.	0.
114	114	54	~TorsionSISMA SLO Y	0.	0.	0.
115	115	54	G1_K	20.16	-54.57	-20.88
115	115	57	G1_K	27.15	-62.45	1.86
115	115	177	G1_K	50.37	-28.13	1.86
115	115	174	G1_K	43.35	-20.17	-20.89
115	115	54	G2_K	-222.24	-342.33	-15.83
115	115	57	G2_K	-296.17	-423.52	6.68
115	115	177	G2_K	-252.04	-299.44	-30.8
115	115	174	G2_K	-178.3	-217.95	-53.32
115	115	54	Q_K	13.12	-13.97	-14.1
115	115	57	Q_K	17.79	-19.15	0.83
115	115	177	Q_K	33.45	2.4	0.8
115	115	174	Q_K	28.75	7.63	-14.14
115	115	54	N_K	1.57	-1.68	-1.69
115	115	57	N_K	2.13	-2.3	9.985E-02
115	115	177	N_K	4.01	0.29	9.604E-02
115	115	174	N_K	3.45	0.92	-1.7
115	115	54	T+_K	0.	0.	0.
115	115	57	T+_K	0.	0.	0.
115	115	177	T+_K	0.	0.	0.
115	115	174	T+_K	0.	0.	0.
115	115	54	T-_K	0.	0.	0.
115	115	57	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
115	115	177	T-_K	0.	0.	0.
115	115	174	T-_K	0.	0.	0.
115	115	54	G1_D	26.21	-70.94	-27.14
115	115	57	G1_D	35.29	-81.19	2.42
115	115	177	G1_D	65.48	-36.57	2.41
115	115	174	G1_D	56.36	-26.22	-27.15
115	115	54	G2_D	-288.91	-445.03	-20.58
115	115	57	G2_D	-385.03	-550.58	8.69
115	115	177	G2_D	-327.65	-389.27	-40.05
115	115	174	G2_D	-231.79	-283.33	-69.32
115	115	54	Q_D	19.67	-20.95	-21.16
115	115	57	Q_D	26.68	-28.73	1.25
115	115	177	Q_D	50.17	3.6	1.2
115	115	174	Q_D	43.13	11.44	-21.2
115	115	54	N_D	2.36	-2.51	-2.54
115	115	57	N_D	3.2	-3.45	0.15
115	115	177	N_D	6.02	0.43	0.14
115	115	174	N_D	5.18	1.37	-2.54
115	115	54	T+_D	0.	0.	0.
115	115	57	T+_D	0.	0.	0.
115	115	177	T+_D	0.	0.	0.
115	115	174	T+_D	0.	0.	0.
115	115	54	T-_D	0.	0.	0.
115	115	57	T-_D	0.	0.	0.
115	115	177	T-_D	0.	0.	0.
115	115	174	T-_D	0.	0.	0.
115	115	54	W+_K	0.	0.	0.
115	115	57	W+_K	0.	0.	0.
115	115	177	W+_K	0.	0.	0.
115	115	174	W+_K	0.	0.	0.
115	115	54	W-_K	0.	0.	0.
115	115	57	W-_K	0.	0.	0.
115	115	177	W-_K	0.	0.	0.
115	115	174	W-_K	0.	0.	0.
115	115	54	W+_D	0.	0.	0.
115	115	57	W+_D	0.	0.	0.
115	115	177	W+_D	0.	0.	0.
115	115	174	W+_D	0.	0.	0.
115	115	54	W-_D	0.	0.	0.
115	115	57	W-_D	0.	0.	0.
115	115	177	W-_D	0.	0.	0.
115	115	174	W-_D	0.	0.	0.
115	115	54	SISMA SLV X	20.18	31.28	17.67
115	115	57	SISMA SLV X	19.89	27.97	15.45
115	115	177	SISMA SLV X	25.22	38.7	14.74
115	115	174	SISMA SLV X	25.16	42.06	17.17
115	115	54	SISMA SLV Y	9.83	18.53	26.11
115	115	57	SISMA SLV Y	12.87	15.54	25.3
115	115	177	SISMA SLV Y	16.29	19.33	21.19
115	115	174	SISMA SLV Y	10.95	22.31	22.07
115	115	54	SISMA SLD X	9.86	15.28	8.63
115	115	57	SISMA SLD X	9.71	13.66	7.54
115	115	177	SISMA SLD X	12.32	18.9	7.2
115	115	174	SISMA SLD X	12.29	20.55	8.39

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
115	115	54	SISMA SLD Y	4.8	9.05	12.75
115	115	57	SISMA SLD Y	6.29	7.59	12.36
115	115	177	SISMA SLD Y	7.96	9.44	10.35
115	115	174	SISMA SLD Y	5.35	10.9	10.78
115	115	54	SISMA SLO X	8.17	12.66	7.15
115	115	57	SISMA SLO X	8.05	11.31	6.25
115	115	177	SISMA SLO X	10.2	15.66	5.96
115	115	174	SISMA SLO X	10.18	17.02	6.95
115	115	54	SISMA SLO Y	3.98	7.5	10.56
115	115	57	SISMA SLO Y	5.21	6.28	10.23
115	115	177	SISMA SLO Y	6.59	7.82	8.57
115	115	174	SISMA SLO Y	4.43	9.03	8.93
115	115	54	SLT	0.	0.	0.
115	115	57	SLT	0.	0.	0.
115	115	177	SLT	0.	0.	0.
115	115	174	SLT	0.	0.	0.
115	115	54	~TorsionSISMA SLV X	0.	0.	0.
115	115	57	~TorsionSISMA SLV X	0.	0.	0.
115	115	177	~TorsionSISMA SLV X	0.	0.	0.
115	115	174	~TorsionSISMA SLV X	0.	0.	0.
115	115	54	~TorsionSISMA SLV Y	0.	0.	0.
115	115	57	~TorsionSISMA SLV Y	0.	0.	0.
115	115	177	~TorsionSISMA SLV Y	0.	0.	0.
115	115	174	~TorsionSISMA SLV Y	0.	0.	0.
115	115	54	~TorsionSISMA SLD X	0.	0.	0.
115	115	57	~TorsionSISMA SLD X	0.	0.	0.
115	115	177	~TorsionSISMA SLD X	0.	0.	0.
115	115	174	~TorsionSISMA SLD X	0.	0.	0.
115	115	54	~TorsionSISMA SLD Y	0.	0.	0.
115	115	57	~TorsionSISMA SLD Y	0.	0.	0.
115	115	177	~TorsionSISMA SLD Y	0.	0.	0.
115	115	174	~TorsionSISMA SLD Y	0.	0.	0.
115	115	54	~TorsionSISMA SLO X	0.	0.	0.
115	115	57	~TorsionSISMA SLO X	0.	0.	0.
115	115	177	~TorsionSISMA SLO X	0.	0.	0.
115	115	174	~TorsionSISMA SLO X	0.	0.	0.
115	115	54	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
115	115	57	~TorsionSISMA SLO Y	0.	0.	0.
115	115	177	~TorsionSISMA SLO Y	0.	0.	0.
115	115	174	~TorsionSISMA SLO Y	0.	0.	0.
116	116	174	G1_K	42.63	-22.25	-6.49
116	116	177	G1_K	56.58	1.39	-11.55
116	116	58	G1_K	48.3	41.59	2.76
116	116	55	G1_K	34.47	16.95	7.82
116	116	174	G2_K	-204.11	-305.5	-96.5
116	116	177	G2_K	-251.01	-335.78	10.75
116	116	58	G2_K	-120.06	-58.13	-0.71
116	116	55	G2_K	-73.43	-28.79	-107.96
116	116	174	Q_K	26.49	-2.57	-4.91
116	116	177	Q_K	35.9	13.53	-7.79
116	116	58	Q_K	31.7	39.09	1.79
116	116	55	Q_K	22.37	22.33	4.67
116	116	174	N_K	3.18	-0.31	-0.59
116	116	177	N_K	4.31	1.62	-0.93
116	116	58	N_K	3.8	4.69	0.21
116	116	55	N_K	2.68	2.68	0.56
116	116	174	T+_K	0.	0.	0.
116	116	177	T+_K	0.	0.	0.
116	116	58	T+_K	0.	0.	0.
116	116	55	T+_K	0.	0.	0.
116	116	174	T-_K	0.	0.	0.
116	116	177	T-_K	0.	0.	0.
116	116	58	T-_K	0.	0.	0.
116	116	55	T-_K	0.	0.	0.
116	116	174	G1_D	55.42	-28.92	-8.43
116	116	177	G1_D	73.55	1.81	-15.01
116	116	58	G1_D	62.78	54.07	3.59
116	116	55	G1_D	44.81	22.04	10.17
116	116	174	G2_D	-265.35	-397.15	-125.45
116	116	177	G2_D	-326.31	-436.52	13.97
116	116	58	G2_D	-156.08	-75.57	-0.93
116	116	55	G2_D	-95.47	-37.43	-140.35
116	116	174	Q_D	39.73	-3.86	-7.36
116	116	177	Q_D	53.85	20.29	-11.68
116	116	58	Q_D	47.55	58.64	2.68
116	116	55	Q_D	33.55	33.49	7.
116	116	174	N_D	4.77	-0.46	-0.88
116	116	177	N_D	6.46	2.44	-1.4
116	116	58	N_D	5.71	7.04	0.32
116	116	55	N_D	4.03	4.02	0.84
116	116	174	T+_D	0.	0.	0.
116	116	177	T+_D	0.	0.	0.
116	116	58	T+_D	0.	0.	0.
116	116	55	T+_D	0.	0.	0.
116	116	174	T-_D	0.	0.	0.
116	116	177	T-_D	0.	0.	0.
116	116	58	T-_D	0.	0.	0.
116	116	55	T-_D	0.	0.	0.
116	116	174	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
116	116	177	W+_K	0.	0.	0.
116	116	58	W+_K	0.	0.	0.
116	116	55	W+_K	0.	0.	0.
116	116	174	W-_K	0.	0.	0.
116	116	177	W-_K	0.	0.	0.
116	116	58	W-_K	0.	0.	0.
116	116	55	W-_K	0.	0.	0.
116	116	174	W+_D	0.	0.	0.
116	116	177	W+_D	0.	0.	0.
116	116	58	W+_D	0.	0.	0.
116	116	55	W+_D	0.	0.	0.
116	116	174	W-_D	0.	0.	0.
116	116	177	W-_D	0.	0.	0.
116	116	58	W-_D	0.	0.	0.
116	116	55	W-_D	0.	0.	0.
116	116	174	SISMA SLV X	25.7	43.21	18.74
116	116	177	SISMA SLV X	24.55	36.23	12.35
116	116	58	SISMA SLV X	20.61	22.8	9.55
116	116	55	SISMA SLV X	21.64	29.54	16.03
116	116	174	SISMA SLV Y	11.18	20.65	19.61
116	116	177	SISMA SLV Y	16.8	19.32	20.98
116	116	58	SISMA SLV Y	15.15	11.02	17.12
116	116	55	SISMA SLV Y	9.54	17.69	15.78
116	116	174	SISMA SLD X	12.55	21.11	9.16
116	116	177	SISMA SLD X	11.99	17.7	6.03
116	116	58	SISMA SLD X	10.07	11.14	4.67
116	116	55	SISMA SLD X	10.57	14.43	7.83
116	116	174	SISMA SLD Y	5.46	10.09	9.58
116	116	177	SISMA SLD Y	8.2	9.44	10.25
116	116	58	SISMA SLD Y	7.4	5.38	8.36
116	116	55	SISMA SLD Y	4.66	8.64	7.71
116	116	174	SISMA SLO X	10.4	17.49	7.58
116	116	177	SISMA SLO X	9.94	14.66	5.
116	116	58	SISMA SLO X	8.34	9.23	3.87
116	116	55	SISMA SLO X	8.76	11.96	6.49
116	116	174	SISMA SLO Y	4.52	8.35	7.93
116	116	177	SISMA SLO Y	6.79	7.82	8.49
116	116	58	SISMA SLO Y	6.13	4.46	6.92
116	116	55	SISMA SLO Y	3.86	7.16	6.38
116	116	174	SLT	0.	0.	0.
116	116	177	SLT	0.	0.	0.
116	116	58	SLT	0.	0.	0.
116	116	55	SLT	0.	0.	0.
116	116	174	~TorsionSISMA SLV X	0.	0.	0.
116	116	177	~TorsionSISMA SLV X	0.	0.	0.
116	116	58	~TorsionSISMA SLV X	0.	0.	0.
116	116	55	~TorsionSISMA SLV X	0.	0.	0.
116	116	174	~TorsionSISMA SLV Y	0.	0.	0.
116	116	177	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
116	116	58	~TorsionSISMA SLV Y	0.	0.	0.
116	116	55	~TorsionSISMA SLV Y	0.	0.	0.
116	116	174	~TorsionSISMA SLD X	0.	0.	0.
116	116	177	~TorsionSISMA SLD X	0.	0.	0.
116	116	58	~TorsionSISMA SLD X	0.	0.	0.
116	116	55	~TorsionSISMA SLD X	0.	0.	0.
116	116	174	~TorsionSISMA SLD Y	0.	0.	0.
116	116	177	~TorsionSISMA SLD Y	0.	0.	0.
116	116	58	~TorsionSISMA SLD Y	0.	0.	0.
116	116	55	~TorsionSISMA SLD Y	0.	0.	0.
116	116	174	~TorsionSISMA SLO X	0.	0.	0.
116	116	177	~TorsionSISMA SLO X	0.	0.	0.
116	116	58	~TorsionSISMA SLO X	0.	0.	0.
116	116	55	~TorsionSISMA SLO X	0.	0.	0.
116	116	174	~TorsionSISMA SLO Y	0.	0.	0.
116	116	177	~TorsionSISMA SLO Y	0.	0.	0.
116	116	58	~TorsionSISMA SLO Y	0.	0.	0.
116	116	55	~TorsionSISMA SLO Y	0.	0.	0.
117	117	55	G1_K	39.32	43.8	27.15
117	117	58	G1_K	63.5	115.05	-11.83
117	117	125	G1_K	32.75	166.59	16.55
117	117	130	G1_K	8.71	93.92	55.52
117	117	55	G2_K	-107.98	-127.69	-100.34
117	117	58	G2_K	-111.74	-90.38	-3.51
117	117	125	G2_K	28.5	294.39	9.5
117	117	130	G2_K	31.8	256.35	-87.33
117	117	55	Q_K	23.81	31.86	17.52
117	117	58	Q_K	39.94	77.96	-7.93
117	117	125	Q_K	20.39	110.74	10.39
117	117	130	Q_K	4.34	63.74	35.84
117	117	55	N_K	2.86	3.82	2.1
117	117	58	N_K	4.79	9.36	-0.95
117	117	125	N_K	2.45	13.29	1.25
117	117	130	N_K	0.52	7.65	4.3
117	117	55	T+_K	0.	0.	0.
117	117	58	T+_K	0.	0.	0.
117	117	125	T+_K	0.	0.	0.
117	117	130	T+_K	0.	0.	0.
117	117	55	T-_K	0.	0.	0.
117	117	58	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
117	117	125	T-_K	0.	0.	0.
117	117	130	T-_K	0.	0.	0.
117	117	55	G1_D	51.12	56.94	35.29
117	117	58	G1_D	82.55	149.57	-15.38
117	117	125	G1_D	42.58	216.56	21.51
117	117	130	G1_D	11.32	122.1	72.18
117	117	55	G2_D	-140.38	-166.	-130.44
117	117	58	G2_D	-145.27	-117.49	-4.56
117	117	125	G2_D	37.05	382.71	12.34
117	117	130	G2_D	41.34	333.26	-113.53
117	117	55	Q_D	35.71	47.79	26.27
117	117	58	Q_D	59.91	116.95	-11.9
117	117	125	Q_D	30.58	166.11	15.59
117	117	130	Q_D	6.5	95.62	53.76
117	117	55	N_D	4.29	5.73	3.15
117	117	58	N_D	7.19	14.03	-1.43
117	117	125	N_D	3.67	19.93	1.87
117	117	130	N_D	0.78	11.47	6.45
117	117	55	T+_D	0.	0.	0.
117	117	58	T+_D	0.	0.	0.
117	117	125	T+_D	0.	0.	0.
117	117	130	T+_D	0.	0.	0.
117	117	55	T-_D	0.	0.	0.
117	117	58	T-_D	0.	0.	0.
117	117	125	T-_D	0.	0.	0.
117	117	130	T-_D	0.	0.	0.
117	117	55	W+_K	0.	0.	0.
117	117	58	W+_K	0.	0.	0.
117	117	125	W+_K	0.	0.	0.
117	117	130	W+_K	0.	0.	0.
117	117	55	W-_K	0.	0.	0.
117	117	58	W-_K	0.	0.	0.
117	117	125	W-_K	0.	0.	0.
117	117	130	W-_K	0.	0.	0.
117	117	55	W+_D	0.	0.	0.
117	117	58	W+_D	0.	0.	0.
117	117	125	W+_D	0.	0.	0.
117	117	130	W+_D	0.	0.	0.
117	117	55	W-_D	0.	0.	0.
117	117	58	W-_D	0.	0.	0.
117	117	125	W-_D	0.	0.	0.
117	117	130	W-_D	0.	0.	0.
117	117	55	SISMA SLV X	21.67	26.	12.14
117	117	58	SISMA SLV X	19.46	22.43	12.35
117	117	125	SISMA SLV X	14.17	31.93	8.79
117	117	130	SISMA SLV X	17.6	20.17	9.66
117	117	55	SISMA SLV Y	9.35	11.57	12.73
117	117	58	SISMA SLV Y	15.11	10.25	20.9
117	117	125	SISMA SLV Y	9.58	15.05	17.86
117	117	130	SISMA SLV Y	9.16	11.08	9.65
117	117	55	SISMA SLD X	10.59	12.7	5.93
117	117	58	SISMA SLD X	9.51	10.96	6.03
117	117	125	SISMA SLD X	6.92	15.6	4.29
117	117	130	SISMA SLD X	8.6	9.85	4.72

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
117	117	55	SISMA SLD Y	4.57	5.65	6.22
117	117	58	SISMA SLD Y	7.38	5.	10.21
117	117	125	SISMA SLD Y	4.68	7.35	8.73
117	117	130	SISMA SLD Y	4.47	5.41	4.71
117	117	55	SISMA SLO X	8.77	10.52	4.91
117	117	58	SISMA SLO X	7.88	9.08	5.
117	117	125	SISMA SLO X	5.73	12.92	3.56
117	117	130	SISMA SLO X	7.12	8.16	3.91
117	117	55	SISMA SLO Y	3.78	4.68	5.15
117	117	58	SISMA SLO Y	6.11	4.15	8.45
117	117	125	SISMA SLO Y	3.87	6.09	7.23
117	117	130	SISMA SLO Y	3.7	4.48	3.9
117	117	55	SLT	0.	0.	0.
117	117	58	SLT	0.	0.	0.
117	117	125	SLT	0.	0.	0.
117	117	130	SLT	0.	0.	0.
117	117	55	~TorsionSISMA SLV X	0.	0.	0.
117	117	58	~TorsionSISMA SLV X	0.	0.	0.
117	117	125	~TorsionSISMA SLV X	0.	0.	0.
117	117	130	~TorsionSISMA SLV X	0.	0.	0.
117	117	55	~TorsionSISMA SLV Y	0.	0.	0.
117	117	58	~TorsionSISMA SLV Y	0.	0.	0.
117	117	125	~TorsionSISMA SLV Y	0.	0.	0.
117	117	130	~TorsionSISMA SLV Y	0.	0.	0.
117	117	55	~TorsionSISMA SLD X	0.	0.	0.
117	117	58	~TorsionSISMA SLD X	0.	0.	0.
117	117	125	~TorsionSISMA SLD X	0.	0.	0.
117	117	130	~TorsionSISMA SLD X	0.	0.	0.
117	117	55	~TorsionSISMA SLD Y	0.	0.	0.
117	117	58	~TorsionSISMA SLD Y	0.	0.	0.
117	117	125	~TorsionSISMA SLD Y	0.	0.	0.
117	117	130	~TorsionSISMA SLD Y	0.	0.	0.
117	117	55	~TorsionSISMA SLO X	0.	0.	0.
117	117	58	~TorsionSISMA SLO X	0.	0.	0.
117	117	125	~TorsionSISMA SLO X	0.	0.	0.
117	117	130	~TorsionSISMA SLO X	0.	0.	0.
117	117	55	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
117	117	58	~TorsionSISMA SLO Y	0.	0.	0.
117	117	125	~TorsionSISMA SLO Y	0.	0.	0.
117	117	130	~TorsionSISMA SLO Y	0.	0.	0.
118	118	175	G1_K	-25.36	-131.02	-0.13
118	118	178	G1_K	-24.42	-117.9	5.08
118	118	59	G1_K	-11.19	-93.66	11.81
118	118	56	G1_K	-12.08	-106.91	6.6
118	118	175	G2_K	165.8	911.92	35.61
118	118	178	G2_K	164.37	738.94	-37.37
118	118	59	G2_K	-39.56	-33.25	-122.53
118	118	56	G2_K	-37.97	132.86	-49.55
118	118	175	Q_K	-6.81	-37.53	-0.65
118	118	178	Q_K	-6.55	-29.27	2.32
118	118	59	Q_K	-0.16	-16.26	6.6
118	118	56	Q_K	-0.39	-24.43	3.64
118	118	175	N_K	-0.82	-4.5	-7.780E-02
118	118	178	N_K	-0.79	-3.51	0.28
118	118	59	N_K	-1.889E-02	-1.95	0.79
118	118	56	N_K	-4.681E-02	-2.93	0.44
118	118	175	T+_K	0.	0.	0.
118	118	178	T+_K	0.	0.	0.
118	118	59	T+_K	0.	0.	0.
118	118	56	T+_K	0.	0.	0.
118	118	175	T-_K	0.	0.	0.
118	118	178	T-_K	0.	0.	0.
118	118	59	T-_K	0.	0.	0.
118	118	56	T-_K	0.	0.	0.
118	118	175	G1_D	-32.97	-170.33	-0.17
118	118	178	G1_D	-31.74	-153.27	6.6
118	118	59	G1_D	-14.55	-121.75	15.36
118	118	56	G1_D	-15.71	-138.98	8.58
118	118	175	G2_D	215.54	1185.49	46.29
118	118	178	G2_D	213.68	960.62	-48.58
118	118	59	G2_D	-51.43	-43.23	-159.29
118	118	56	G2_D	-49.36	172.72	-64.42
118	118	175	Q_D	-10.21	-56.3	-0.97
118	118	178	Q_D	-9.83	-43.91	3.48
118	118	59	Q_D	-0.24	-24.38	9.91
118	118	56	Q_D	-0.59	-36.65	5.46
118	118	175	N_D	-1.23	-6.76	-0.12
118	118	178	N_D	-1.18	-5.27	0.42
118	118	59	N_D	-2.833E-02	-2.93	1.19
118	118	56	N_D	-7.022E-02	-4.4	0.66
118	118	175	T+_D	0.	0.	0.
118	118	178	T+_D	0.	0.	0.
118	118	59	T+_D	0.	0.	0.
118	118	56	T+_D	0.	0.	0.
118	118	175	T-_D	0.	0.	0.
118	118	178	T-_D	0.	0.	0.
118	118	59	T-_D	0.	0.	0.
118	118	56	T-_D	0.	0.	0.
118	118	175	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
118	118	178	W+_K	0.	0.	0.
118	118	59	W+_K	0.	0.	0.
118	118	56	W+_K	0.	0.	0.
118	118	175	W-_K	0.	0.	0.
118	118	178	W-_K	0.	0.	0.
118	118	59	W-_K	0.	0.	0.
118	118	56	W-_K	0.	0.	0.
118	118	175	W+_D	0.	0.	0.
118	118	178	W+_D	0.	0.	0.
118	118	59	W+_D	0.	0.	0.
118	118	56	W+_D	0.	0.	0.
118	118	175	W-_D	0.	0.	0.
118	118	178	W-_D	0.	0.	0.
118	118	59	W-_D	0.	0.	0.
118	118	56	W-_D	0.	0.	0.
118	118	175	SISMA SLV X	14.6	79.72	8.54
118	118	178	SISMA SLV X	16.63	76.24	7.78
118	118	59	SISMA SLV X	9.68	33.45	20.38
118	118	56	SISMA SLV X	7.21	36.54	20.99
118	118	175	SISMA SLV Y	7.82	40.25	17.26
118	118	178	SISMA SLV Y	7.42	34.57	15.54
118	118	59	SISMA SLV Y	5.29	15.5	31.98
118	118	56	SISMA SLV Y	3.25	17.42	33.71
118	118	175	SISMA SLD X	7.13	38.94	4.17
118	118	178	SISMA SLD X	8.12	37.24	3.8
118	118	59	SISMA SLD X	4.73	16.34	9.95
118	118	56	SISMA SLD X	3.52	17.85	10.25
118	118	175	SISMA SLD Y	3.82	19.66	8.43
118	118	178	SISMA SLD Y	3.62	16.89	7.59
118	118	59	SISMA SLD Y	2.58	7.57	15.62
118	118	56	SISMA SLD Y	1.59	8.51	16.47
118	118	175	SISMA SLO X	5.91	32.25	3.46
118	118	178	SISMA SLO X	6.73	30.85	3.15
118	118	59	SISMA SLO X	3.92	13.53	8.25
118	118	56	SISMA SLO X	2.92	14.78	8.49
118	118	175	SISMA SLO Y	3.16	16.28	6.98
118	118	178	SISMA SLO Y	3.	13.99	6.28
118	118	59	SISMA SLO Y	2.14	6.27	12.94
118	118	56	SISMA SLO Y	1.32	7.05	13.64
118	118	175	SLT	0.	0.	0.
118	118	178	SLT	0.	0.	0.
118	118	59	SLT	0.	0.	0.
118	118	56	SLT	0.	0.	0.
118	118	175	~TorsionSISMA SLV X	0.	0.	0.
118	118	178	~TorsionSISMA SLV X	0.	0.	0.
118	118	59	~TorsionSISMA SLV X	0.	0.	0.
118	118	56	~TorsionSISMA SLV X	0.	0.	0.
118	118	175	~TorsionSISMA SLV Y	0.	0.	0.
118	118	178	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
118	118	59	~TorsionSISMA SLV Y	0.	0.	0.
118	118	56	~TorsionSISMA SLV Y	0.	0.	0.
118	118	175	~TorsionSISMA SLD X	0.	0.	0.
118	118	178	~TorsionSISMA SLD X	0.	0.	0.
118	118	59	~TorsionSISMA SLD X	0.	0.	0.
118	118	56	~TorsionSISMA SLD X	0.	0.	0.
118	118	175	~TorsionSISMA SLD Y	0.	0.	0.
118	118	178	~TorsionSISMA SLD Y	0.	0.	0.
118	118	59	~TorsionSISMA SLD Y	0.	0.	0.
118	118	56	~TorsionSISMA SLD Y	0.	0.	0.
118	118	175	~TorsionSISMA SLO X	0.	0.	0.
118	118	178	~TorsionSISMA SLO X	0.	0.	0.
118	118	59	~TorsionSISMA SLO X	0.	0.	0.
118	118	56	~TorsionSISMA SLO X	0.	0.	0.
118	118	175	~TorsionSISMA SLO Y	0.	0.	0.
118	118	178	~TorsionSISMA SLO Y	0.	0.	0.
118	118	59	~TorsionSISMA SLO Y	0.	0.	0.
118	118	56	~TorsionSISMA SLO Y	0.	0.	0.
119	119	56	G1_K	-11.33	-110.41	3.69
119	119	59	G1_K	-13.88	-99.82	12.93
119	119	179	G1_K	2.71	-74.83	18.03
119	119	176	G1_K	5.36	-85.87	8.79
119	119	56	G2_K	-75.25	32.15	-23.64
119	119	59	G2_K	5.07	104.18	-149.01
119	119	179	G2_K	-159.39	-271.21	-135.35
119	119	176	G2_K	-239.81	-346.16	-9.98
119	119	56	Q_K	-0.86	-32.12	2.2
119	119	59	Q_K	-3.25	-26.4	7.8
119	119	179	Q_K	5.34	-12.19	10.52
119	119	176	Q_K	7.79	-18.17	4.93
119	119	56	N_K	-0.1	-3.85	0.26
119	119	59	N_K	-0.39	-3.17	0.94
119	119	179	N_K	0.64	-1.46	1.26
119	119	176	N_K	0.94	-2.18	0.59
119	119	56	T+_K	0.	0.	0.
119	119	59	T+_K	0.	0.	0.
119	119	179	T+_K	0.	0.	0.
119	119	176	T+_K	0.	0.	0.
119	119	56	T-_K	0.	0.	0.
119	119	59	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
119	119	179	T-_K	0.	0.	0.
119	119	176	T-_K	0.	0.	0.
119	119	56	G1_D	-14.73	-143.53	4.8
119	119	59	G1_D	-18.04	-129.77	16.81
119	119	179	G1_D	3.52	-97.27	23.44
119	119	176	G1_D	6.97	-111.62	11.43
119	119	56	G2_D	-97.83	41.8	-30.73
119	119	59	G2_D	6.59	135.43	-193.71
119	119	179	G2_D	-207.21	-352.57	-175.96
119	119	176	G2_D	-311.75	-450.01	-12.98
119	119	56	Q_D	-1.29	-48.17	3.3
119	119	59	Q_D	-4.88	-39.6	11.7
119	119	179	Q_D	8.01	-18.29	15.78
119	119	176	Q_D	11.69	-27.25	7.39
119	119	56	N_D	-0.16	-5.78	0.4
119	119	59	N_D	-0.59	-4.75	1.4
119	119	179	N_D	0.96	-2.19	1.89
119	119	176	N_D	1.4	-3.27	0.89
119	119	56	T+_D	0.	0.	0.
119	119	59	T+_D	0.	0.	0.
119	119	179	T+_D	0.	0.	0.
119	119	176	T+_D	0.	0.	0.
119	119	56	T-_D	0.	0.	0.
119	119	59	T-_D	0.	0.	0.
119	119	179	T-_D	0.	0.	0.
119	119	176	T-_D	0.	0.	0.
119	119	56	W+_K	0.	0.	0.
119	119	59	W+_K	0.	0.	0.
119	119	179	W+_K	0.	0.	0.
119	119	176	W+_K	0.	0.	0.
119	119	56	W-_K	0.	0.	0.
119	119	59	W-_K	0.	0.	0.
119	119	179	W-_K	0.	0.	0.
119	119	176	W-_K	0.	0.	0.
119	119	56	W+_D	0.	0.	0.
119	119	59	W+_D	0.	0.	0.
119	119	179	W+_D	0.	0.	0.
119	119	176	W+_D	0.	0.	0.
119	119	56	W-_D	0.	0.	0.
119	119	59	W-_D	0.	0.	0.
119	119	179	W-_D	0.	0.	0.
119	119	176	W-_D	0.	0.	0.
119	119	56	SISMA SLV X	5.11	35.83	17.84
119	119	59	SISMA SLV X	14.55	47.33	20.49
119	119	179	SISMA SLV X	4.64	11.9	21.6
119	119	176	SISMA SLV X	9.63	7.92	18.51
119	119	56	SISMA SLV Y	2.82	17.46	30.07
119	119	59	SISMA SLV Y	7.67	21.5	27.92
119	119	179	SISMA SLV Y	7.34	17.61	25.64
119	119	176	SISMA SLV Y	4.46	4.87	27.65
119	119	56	SISMA SLD X	2.5	17.5	8.72
119	119	59	SISMA SLD X	7.1	23.12	10.01
119	119	179	SISMA SLD X	2.27	5.81	10.55
119	119	176	SISMA SLD X	4.7	3.87	9.04

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
119	119	56	SISMA SLD Y	1.38	8.53	14.69
119	119	59	SISMA SLD Y	3.75	10.5	13.64
119	119	179	SISMA SLD Y	3.59	8.6	12.52
119	119	176	SISMA SLD Y	2.18	2.38	13.51
119	119	56	SISMA SLO X	2.07	14.5	7.22
119	119	59	SISMA SLO X	5.89	19.15	8.29
119	119	179	SISMA SLO X	1.87	4.81	8.74
119	119	176	SISMA SLO X	3.9	3.19	7.49
119	119	56	SISMA SLO Y	1.14	7.06	12.16
119	119	59	SISMA SLO Y	3.1	8.7	11.3
119	119	179	SISMA SLO Y	2.97	7.12	10.37
119	119	176	SISMA SLO Y	1.8	1.97	11.19
119	119	56	SLT	0.	0.	0.
119	119	59	SLT	0.	0.	0.
119	119	179	SLT	0.	0.	0.
119	119	176	SLT	0.	0.	0.
119	119	56	~TorsionSISMA SLV X	0.	0.	0.
119	119	59	~TorsionSISMA SLV X	0.	0.	0.
119	119	179	~TorsionSISMA SLV X	0.	0.	0.
119	119	176	~TorsionSISMA SLV X	0.	0.	0.
119	119	56	~TorsionSISMA SLV Y	0.	0.	0.
119	119	59	~TorsionSISMA SLV Y	0.	0.	0.
119	119	179	~TorsionSISMA SLV Y	0.	0.	0.
119	119	176	~TorsionSISMA SLV Y	0.	0.	0.
119	119	56	~TorsionSISMA SLD X	0.	0.	0.
119	119	59	~TorsionSISMA SLD X	0.	0.	0.
119	119	179	~TorsionSISMA SLD X	0.	0.	0.
119	119	176	~TorsionSISMA SLD X	0.	0.	0.
119	119	56	~TorsionSISMA SLD Y	0.	0.	0.
119	119	59	~TorsionSISMA SLD Y	0.	0.	0.
119	119	179	~TorsionSISMA SLD Y	0.	0.	0.
119	119	176	~TorsionSISMA SLD Y	0.	0.	0.
119	119	56	~TorsionSISMA SLO X	0.	0.	0.
119	119	59	~TorsionSISMA SLO X	0.	0.	0.
119	119	179	~TorsionSISMA SLO X	0.	0.	0.
119	119	176	~TorsionSISMA SLO X	0.	0.	0.
119	119	56	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
119	119	59	~TorsionSISMA SLO Y	0.	0.	0.
119	119	179	~TorsionSISMA SLO Y	0.	0.	0.
119	119	176	~TorsionSISMA SLO Y	0.	0.	0.
120	120	176	G1_K	5.93	-89.86	2.81
120	120	179	G1_K	-0.43	-83.67	23.55
120	120	60	G1_K	24.54	-55.65	23.26
120	120	57	G1_K	30.92	-61.64	2.51
120	120	176	G2_K	-246.92	-335.8	-43.74
120	120	179	G2_K	-132.06	-180.5	-99.75
120	120	60	G2_K	-195.98	-267.8	-39.18
120	120	57	G2_K	-310.91	-423.63	16.83
120	120	176	Q_K	6.76	-28.02	1.43
120	120	179	Q_K	1.85	-24.95	14.43
120	120	60	Q_K	17.06	-7.9	14.78
120	120	57	Q_K	21.98	-10.82	1.78
120	120	176	N_K	0.81	-3.36	0.17
120	120	179	N_K	0.22	-2.99	1.73
120	120	60	N_K	2.05	-0.95	1.77
120	120	57	N_K	2.64	-1.3	0.21
120	120	176	T+_K	0.	0.	0.
120	120	179	T+_K	0.	0.	0.
120	120	60	T+_K	0.	0.	0.
120	120	57	T+_K	0.	0.	0.
120	120	176	T-_K	0.	0.	0.
120	120	179	T-_K	0.	0.	0.
120	120	60	T-_K	0.	0.	0.
120	120	57	T-_K	0.	0.	0.
120	120	176	G1_D	7.71	-116.81	3.65
120	120	179	G1_D	-0.56	-108.77	30.62
120	120	60	G1_D	31.91	-72.34	30.23
120	120	57	G1_D	40.19	-80.13	3.26
120	120	176	G2_D	-321.	-436.54	-56.87
120	120	179	G2_D	-171.68	-234.66	-129.67
120	120	60	G2_D	-254.77	-348.14	-50.93
120	120	57	G2_D	-404.18	-550.71	21.87
120	120	176	Q_D	10.14	-42.04	2.15
120	120	179	Q_D	2.78	-37.43	21.65
120	120	60	Q_D	25.6	-11.85	22.17
120	120	57	Q_D	32.97	-16.23	2.67
120	120	176	N_D	1.22	-5.04	0.26
120	120	179	N_D	0.33	-4.49	2.6
120	120	60	N_D	3.07	-1.42	2.66
120	120	57	N_D	3.96	-1.95	0.32
120	120	176	T+_D	0.	0.	0.
120	120	179	T+_D	0.	0.	0.
120	120	60	T+_D	0.	0.	0.
120	120	57	T+_D	0.	0.	0.
120	120	176	T-_D	0.	0.	0.
120	120	179	T-_D	0.	0.	0.
120	120	60	T-_D	0.	0.	0.
120	120	57	T-_D	0.	0.	0.
120	120	176	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
120	120	179	W+_K	0.	0.	0.
120	120	60	W+_K	0.	0.	0.
120	120	57	W+_K	0.	0.	0.
120	120	176	W-_K	0.	0.	0.
120	120	179	W-_K	0.	0.	0.
120	120	60	W-_K	0.	0.	0.
120	120	57	W-_K	0.	0.	0.
120	120	176	W+_D	0.	0.	0.
120	120	179	W+_D	0.	0.	0.
120	120	60	W+_D	0.	0.	0.
120	120	57	W+_D	0.	0.	0.
120	120	176	W-_D	0.	0.	0.
120	120	179	W-_D	0.	0.	0.
120	120	60	W-_D	0.	0.	0.
120	120	57	W-_D	0.	0.	0.
120	120	176	SISMA SLV X	10.71	7.25	19.01
120	120	179	SISMA SLV X	6.77	21.66	21.14
120	120	60	SISMA SLV X	10.28	14.81	17.88
120	120	57	SISMA SLV X	23.39	31.08	16.11
120	120	176	SISMA SLV Y	4.85	3.26	28.23
120	120	179	SISMA SLV Y	8.34	18.66	26.61
120	120	60	SISMA SLV Y	11.	25.06	25.97
120	120	57	SISMA SLV Y	10.36	15.76	27.69
120	120	176	SISMA SLD X	5.23	3.54	9.29
120	120	179	SISMA SLD X	3.31	10.58	10.33
120	120	60	SISMA SLD X	5.02	7.23	8.73
120	120	57	SISMA SLD X	11.42	15.18	7.87
120	120	176	SISMA SLD Y	2.37	1.59	13.79
120	120	179	SISMA SLD Y	4.07	9.11	13.
120	120	60	SISMA SLD Y	5.37	12.24	12.68
120	120	57	SISMA SLD Y	5.06	7.7	13.52
120	120	176	SISMA SLO X	4.33	2.92	7.69
120	120	179	SISMA SLO X	2.74	8.76	8.55
120	120	60	SISMA SLO X	4.16	5.99	7.24
120	120	57	SISMA SLO X	9.46	12.58	6.52
120	120	176	SISMA SLO Y	1.96	1.32	11.42
120	120	179	SISMA SLO Y	3.37	7.55	10.76
120	120	60	SISMA SLO Y	4.45	10.14	10.5
120	120	57	SISMA SLO Y	4.19	6.37	11.2
120	120	176	SLT	0.	0.	0.
120	120	179	SLT	0.	0.	0.
120	120	60	SLT	0.	0.	0.
120	120	57	SLT	0.	0.	0.
120	120	176	~TorsionSISMA SLV X	0.	0.	0.
120	120	179	~TorsionSISMA SLV X	0.	0.	0.
120	120	60	~TorsionSISMA SLV X	0.	0.	0.
120	120	57	~TorsionSISMA SLV X	0.	0.	0.
120	120	176	~TorsionSISMA SLV Y	0.	0.	0.
120	120	179	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
120	120	60	~TorsionSISMA SLV Y	0.	0.	0.
120	120	57	~TorsionSISMA SLV Y	0.	0.	0.
120	120	176	~TorsionSISMA SLD X	0.	0.	0.
120	120	179	~TorsionSISMA SLD X	0.	0.	0.
120	120	60	~TorsionSISMA SLD X	0.	0.	0.
120	120	57	~TorsionSISMA SLD X	0.	0.	0.
120	120	176	~TorsionSISMA SLD Y	0.	0.	0.
120	120	179	~TorsionSISMA SLD Y	0.	0.	0.
120	120	60	~TorsionSISMA SLD Y	0.	0.	0.
120	120	57	~TorsionSISMA SLD Y	0.	0.	0.
120	120	176	~TorsionSISMA SLO X	0.	0.	0.
120	120	179	~TorsionSISMA SLO X	0.	0.	0.
120	120	60	~TorsionSISMA SLO X	0.	0.	0.
120	120	57	~TorsionSISMA SLO X	0.	0.	0.
120	120	176	~TorsionSISMA SLO Y	0.	0.	0.
120	120	179	~TorsionSISMA SLO Y	0.	0.	0.
120	120	60	~TorsionSISMA SLO Y	0.	0.	0.
120	120	57	~TorsionSISMA SLO Y	0.	0.	0.
121	121	57	G1_K	32.18	-61.47	7.
121	121	60	G1_K	22.67	-58.85	19.4
121	121	180	G1_K	34.8	-26.53	16.55
121	121	177	G1_K	44.37	-29.3	4.15
121	121	57	G2_K	-310.2	-424.	-34.85
121	121	60	G2_K	-198.78	-277.91	10.44
121	121	180	G2_K	-150.36	-156.59	66.72
121	121	177	G2_K	-261.44	-303.64	21.43
121	121	57	Q_K	21.18	-18.61	4.53
121	121	60	Q_K	14.38	-17.54	12.6
121	121	180	Q_K	22.88	2.93	11.
121	121	177	Q_K	29.71	1.79	2.93
121	121	57	N_K	2.54	-2.23	0.54
121	121	60	N_K	1.73	-2.1	1.51
121	121	180	N_K	2.75	0.35	1.32
121	121	177	N_K	3.57	0.21	0.35
121	121	57	T+_K	0.	0.	0.
121	121	60	T+_K	0.	0.	0.
121	121	180	T+_K	0.	0.	0.
121	121	177	T+_K	0.	0.	0.
121	121	57	T-_K	0.	0.	0.
121	121	60	T-_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
121	121	180	T-_K	0.	0.	0.
121	121	177	T-_K	0.	0.	0.
121	121	57	G1_D	41.83	-79.91	9.1
121	121	60	G1_D	29.47	-76.51	25.21
121	121	180	G1_D	45.24	-34.49	21.52
121	121	177	G1_D	57.68	-38.1	5.4
121	121	57	G2_D	-403.26	-551.2	-45.3
121	121	60	G2_D	-258.42	-361.29	13.57
121	121	180	G2_D	-195.47	-203.57	86.74
121	121	177	G2_D	-339.88	-394.74	27.86
121	121	57	Q_D	31.77	-27.91	6.79
121	121	60	Q_D	21.57	-26.3	18.91
121	121	180	Q_D	34.31	4.4	16.51
121	121	177	Q_D	44.56	2.68	4.39
121	121	57	N_D	3.81	-3.35	0.81
121	121	60	N_D	2.59	-3.16	2.27
121	121	180	N_D	4.12	0.53	1.98
121	121	177	N_D	5.35	0.32	0.53
121	121	57	T+_D	0.	0.	0.
121	121	60	T+_D	0.	0.	0.
121	121	180	T+_D	0.	0.	0.
121	121	177	T+_D	0.	0.	0.
121	121	57	T-_D	0.	0.	0.
121	121	60	T-_D	0.	0.	0.
121	121	180	T-_D	0.	0.	0.
121	121	177	T-_D	0.	0.	0.
121	121	57	W+_K	0.	0.	0.
121	121	60	W+_K	0.	0.	0.
121	121	180	W+_K	0.	0.	0.
121	121	177	W+_K	0.	0.	0.
121	121	57	W-_K	0.	0.	0.
121	121	60	W-_K	0.	0.	0.
121	121	180	W-_K	0.	0.	0.
121	121	177	W-_K	0.	0.	0.
121	121	57	W+_D	0.	0.	0.
121	121	60	W+_D	0.	0.	0.
121	121	180	W+_D	0.	0.	0.
121	121	177	W+_D	0.	0.	0.
121	121	57	W-_D	0.	0.	0.
121	121	60	W-_D	0.	0.	0.
121	121	180	W-_D	0.	0.	0.
121	121	177	W-_D	0.	0.	0.
121	121	57	SISMA SLV X	23.49	28.93	17.19
121	121	60	SISMA SLV X	9.02	10.84	15.99
121	121	180	SISMA SLV X	13.38	17.06	10.73
121	121	177	SISMA SLV X	28.96	39.17	11.11
121	121	57	SISMA SLV Y	10.29	14.08	25.51
121	121	60	SISMA SLV Y	11.01	20.95	25.91
121	121	180	SISMA SLV Y	12.77	24.84	22.17
121	121	177	SISMA SLV Y	12.66	19.49	21.64
121	121	57	SISMA SLD X	11.47	14.13	8.4
121	121	60	SISMA SLD X	4.41	5.29	7.81
121	121	180	SISMA SLD X	6.53	8.33	5.24
121	121	177	SISMA SLD X	14.14	19.13	5.43

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
121	121	57	SISMA SLD Y	5.03	6.88	12.46
121	121	60	SISMA SLD Y	5.38	10.23	12.66
121	121	180	SISMA SLD Y	6.24	12.13	10.83
121	121	177	SISMA SLD Y	6.18	9.52	10.57
121	121	57	SISMA SLO X	9.51	11.7	6.95
121	121	60	SISMA SLO X	3.65	4.38	6.47
121	121	180	SISMA SLO X	5.41	6.9	4.34
121	121	177	SISMA SLO X	11.72	15.85	4.49
121	121	57	SISMA SLO Y	4.16	5.69	10.32
121	121	60	SISMA SLO Y	4.45	8.47	10.48
121	121	180	SISMA SLO Y	5.16	10.05	8.97
121	121	177	SISMA SLO Y	5.12	7.88	8.75
121	121	57	SLT	0.	0.	0.
121	121	60	SLT	0.	0.	0.
121	121	180	SLT	0.	0.	0.
121	121	177	SLT	0.	0.	0.
121	121	57	~TorsionSISMA SLV X	0.	0.	0.
121	121	60	~TorsionSISMA SLV X	0.	0.	0.
121	121	180	~TorsionSISMA SLV X	0.	0.	0.
121	121	177	~TorsionSISMA SLV X	0.	0.	0.
121	121	57	~TorsionSISMA SLV Y	0.	0.	0.
121	121	60	~TorsionSISMA SLV Y	0.	0.	0.
121	121	180	~TorsionSISMA SLV Y	0.	0.	0.
121	121	177	~TorsionSISMA SLV Y	0.	0.	0.
121	121	57	~TorsionSISMA SLD X	0.	0.	0.
121	121	60	~TorsionSISMA SLD X	0.	0.	0.
121	121	180	~TorsionSISMA SLD X	0.	0.	0.
121	121	177	~TorsionSISMA SLD X	0.	0.	0.
121	121	57	~TorsionSISMA SLD Y	0.	0.	0.
121	121	60	~TorsionSISMA SLD Y	0.	0.	0.
121	121	180	~TorsionSISMA SLD Y	0.	0.	0.
121	121	177	~TorsionSISMA SLD Y	0.	0.	0.
121	121	57	~TorsionSISMA SLO X	0.	0.	0.
121	121	60	~TorsionSISMA SLO X	0.	0.	0.
121	121	180	~TorsionSISMA SLO X	0.	0.	0.
121	121	177	~TorsionSISMA SLO X	0.	0.	0.
121	121	57	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
121	121	60	~TorsionSISMA SLO Y	0.	0.	0.
121	121	180	~TorsionSISMA SLO Y	0.	0.	0.
121	121	177	~TorsionSISMA SLO Y	0.	0.	0.
122	122	177	G1_K	51.05	1.18	5.26
122	122	180	G1_K	33.77	-28.73	14.79
122	122	61	G1_K	41.02	11.3	-3.23
122	122	58	G1_K	58.14	42.67	-12.76
122	122	177	G2_K	-257.28	-334.1	-4.52
122	122	180	G2_K	-179.39	-250.43	93.09
122	122	61	G2_K	-64.02	18.61	120.62
122	122	58	G2_K	-141.39	-65.33	23.
122	122	177	Q_K	32.29	13.21	3.76
122	122	180	Q_K	20.65	-6.71	9.81
122	122	61	Q_K	26.26	19.03	-1.74
122	122	58	Q_K	37.77	39.91	-7.8
122	122	177	N_K	3.87	1.58	0.45
122	122	180	N_K	2.48	-0.81	1.18
122	122	61	N_K	3.15	2.28	-0.21
122	122	58	N_K	4.53	4.79	-0.94
122	122	177	T+_K	0.	0.	0.
122	122	180	T+_K	0.	0.	0.
122	122	61	T+_K	0.	0.	0.
122	122	58	T+_K	0.	0.	0.
122	122	177	T-_K	0.	0.	0.
122	122	180	T-_K	0.	0.	0.
122	122	61	T-_K	0.	0.	0.
122	122	58	T-_K	0.	0.	0.
122	122	177	G1_D	66.37	1.53	6.83
122	122	180	G1_D	43.9	-37.36	19.22
122	122	61	G1_D	53.33	14.69	-4.2
122	122	58	G1_D	75.58	55.47	-16.59
122	122	177	G2_D	-334.46	-434.33	-5.88
122	122	180	G2_D	-233.21	-325.55	121.02
122	122	61	G2_D	-83.23	24.19	156.8
122	122	58	G2_D	-183.81	-84.93	29.9
122	122	177	Q_D	48.43	19.81	5.63
122	122	180	Q_D	30.98	-10.07	14.72
122	122	61	Q_D	39.38	28.54	-2.62
122	122	58	Q_D	56.66	59.86	-11.7
122	122	177	N_D	5.81	2.38	0.68
122	122	180	N_D	3.72	-1.21	1.77
122	122	61	N_D	4.73	3.43	-0.31
122	122	58	N_D	6.8	7.18	-1.4
122	122	177	T+_D	0.	0.	0.
122	122	180	T+_D	0.	0.	0.
122	122	61	T+_D	0.	0.	0.
122	122	58	T+_D	0.	0.	0.
122	122	177	T-_D	0.	0.	0.
122	122	180	T-_D	0.	0.	0.
122	122	61	T-_D	0.	0.	0.
122	122	58	T-_D	0.	0.	0.
122	122	177	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
122	122	180	W+_K	0.	0.	0.
122	122	61	W+_K	0.	0.	0.
122	122	58	W+_K	0.	0.	0.
122	122	177	W-_K	0.	0.	0.
122	122	180	W-_K	0.	0.	0.
122	122	61	W-_K	0.	0.	0.
122	122	58	W-_K	0.	0.	0.
122	122	177	W+_D	0.	0.	0.
122	122	180	W+_D	0.	0.	0.
122	122	61	W+_D	0.	0.	0.
122	122	58	W+_D	0.	0.	0.
122	122	177	W-_D	0.	0.	0.
122	122	180	W-_D	0.	0.	0.
122	122	61	W-_D	0.	0.	0.
122	122	58	W-_D	0.	0.	0.
122	122	177	SISMA SLV X	27.39	35.49	11.49
122	122	180	SISMA SLV X	14.6	17.7	9.72
122	122	61	SISMA SLV X	14.33	9.68	10.12
122	122	58	SISMA SLV X	27.29	25.44	9.05
122	122	177	SISMA SLV Y	11.82	17.04	19.53
122	122	180	SISMA SLV Y	12.96	19.87	20.76
122	122	61	SISMA SLV Y	13.59	16.69	20.83
122	122	58	SISMA SLV Y	11.71	11.81	19.31
122	122	177	SISMA SLD X	13.38	17.34	5.61
122	122	180	SISMA SLD X	7.13	8.64	4.75
122	122	61	SISMA SLD X	7.	4.73	4.94
122	122	58	SISMA SLD X	13.33	12.43	4.42
122	122	177	SISMA SLD Y	5.78	8.32	9.54
122	122	180	SISMA SLD Y	6.33	9.7	10.14
122	122	61	SISMA SLD Y	6.64	8.15	10.17
122	122	58	SISMA SLD Y	5.72	5.77	9.43
122	122	177	SISMA SLO X	11.09	14.36	4.65
122	122	180	SISMA SLO X	5.9	7.16	3.93
122	122	61	SISMA SLO X	5.8	3.92	4.09
122	122	58	SISMA SLO X	11.05	10.3	3.66
122	122	177	SISMA SLO Y	4.78	6.89	7.9
122	122	180	SISMA SLO Y	5.24	8.04	8.4
122	122	61	SISMA SLO Y	5.5	6.75	8.42
122	122	58	SISMA SLO Y	4.74	4.78	7.81
122	122	177	SLT	0.	0.	0.
122	122	180	SLT	0.	0.	0.
122	122	61	SLT	0.	0.	0.
122	122	58	SLT	0.	0.	0.
122	122	177	~TorsionSISMA SLV X	0.	0.	0.
122	122	180	~TorsionSISMA SLV X	0.	0.	0.
122	122	61	~TorsionSISMA SLV X	0.	0.	0.
122	122	58	~TorsionSISMA SLV X	0.	0.	0.
122	122	177	~TorsionSISMA SLV Y	0.	0.	0.
122	122	180	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
122	122	61	~TorsionSISMA SLV Y	0.	0.	0.
122	122	58	~TorsionSISMA SLV Y	0.	0.	0.
122	122	177	~TorsionSISMA SLD X	0.	0.	0.
122	122	180	~TorsionSISMA SLD X	0.	0.	0.
122	122	61	~TorsionSISMA SLD X	0.	0.	0.
122	122	58	~TorsionSISMA SLD X	0.	0.	0.
122	122	177	~TorsionSISMA SLD Y	0.	0.	0.
122	122	180	~TorsionSISMA SLD Y	0.	0.	0.
122	122	61	~TorsionSISMA SLD Y	0.	0.	0.
122	122	58	~TorsionSISMA SLD Y	0.	0.	0.
122	122	177	~TorsionSISMA SLO X	0.	0.	0.
122	122	180	~TorsionSISMA SLO X	0.	0.	0.
122	122	61	~TorsionSISMA SLO X	0.	0.	0.
122	122	58	~TorsionSISMA SLO X	0.	0.	0.
122	122	177	~TorsionSISMA SLO Y	0.	0.	0.
122	122	180	~TorsionSISMA SLO Y	0.	0.	0.
122	122	61	~TorsionSISMA SLO Y	0.	0.	0.
122	122	58	~TorsionSISMA SLO Y	0.	0.	0.
123	123	58	G1_K	74.44	117.53	19.4
123	123	61	G1_K	46.9	47.32	-38.02
123	123	120	G1_K	1.07	93.95	-70.69
123	123	125	G1_K	28.51	165.45	-13.28
123	123	58	G2_K	-129.37	-89.74	12.38
123	123	61	G2_K	-110.01	-126.81	129.05
123	123	120	G2_K	38.19	251.04	111.42
123	123	125	G2_K	19.45	288.41	-5.25
123	123	58	Q_K	46.44	79.27	12.54
123	123	61	Q_K	28.45	33.99	-23.89
123	123	120	Q_K	0.53	64.25	-44.92
123	123	125	Q_K	18.46	110.35	-8.5
123	123	58	N_K	5.57	9.51	1.5
123	123	61	N_K	3.41	4.08	-2.87
123	123	120	N_K	6.318E-02	7.71	-5.39
123	123	125	N_K	2.21	13.24	-1.02
123	123	58	T+_K	0.	0.	0.
123	123	61	T+_K	0.	0.	0.
123	123	120	T+_K	0.	0.	0.
123	123	125	T+_K	0.	0.	0.
123	123	58	T-_K	0.	0.	0.
123	123	61	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
123	123	120	T-_K	0.	0.	0.
123	123	125	T-_K	0.	0.	0.
123	123	58	G1_D	96.77	152.78	25.22
123	123	61	G1_D	60.97	61.51	-49.42
123	123	120	G1_D	1.39	122.14	-91.9
123	123	125	G1_D	37.07	215.09	-17.27
123	123	58	G2_D	-168.18	-116.66	16.1
123	123	61	G2_D	-143.01	-164.85	167.76
123	123	120	G2_D	49.65	326.35	144.85
123	123	125	G2_D	25.28	374.94	-6.82
123	123	58	Q_D	69.66	118.9	18.81
123	123	61	Q_D	42.68	50.99	-35.83
123	123	120	Q_D	0.79	96.38	-67.39
123	123	125	Q_D	27.68	165.53	-12.75
123	123	58	N_D	8.36	14.27	2.26
123	123	61	N_D	5.12	6.12	-4.3
123	123	120	N_D	9.477E-02	11.57	-8.09
123	123	125	N_D	3.32	19.86	-1.53
123	123	58	T+_D	0.	0.	0.
123	123	61	T+_D	0.	0.	0.
123	123	120	T+_D	0.	0.	0.
123	123	125	T+_D	0.	0.	0.
123	123	58	T-_D	0.	0.	0.
123	123	61	T-_D	0.	0.	0.
123	123	120	T-_D	0.	0.	0.
123	123	125	T-_D	0.	0.	0.
123	123	58	W+_K	0.	0.	0.
123	123	61	W+_K	0.	0.	0.
123	123	120	W+_K	0.	0.	0.
123	123	125	W+_K	0.	0.	0.
123	123	58	W-_K	0.	0.	0.
123	123	61	W-_K	0.	0.	0.
123	123	120	W-_K	0.	0.	0.
123	123	125	W-_K	0.	0.	0.
123	123	58	W+_D	0.	0.	0.
123	123	61	W+_D	0.	0.	0.
123	123	120	W+_D	0.	0.	0.
123	123	125	W+_D	0.	0.	0.
123	123	58	W-_D	0.	0.	0.
123	123	61	W-_D	0.	0.	0.
123	123	120	W-_D	0.	0.	0.
123	123	125	W-_D	0.	0.	0.
123	123	58	SISMA SLV X	23.29	20.75	11.23
123	123	61	SISMA SLV X	18.53	17.02	10.13
123	123	120	SISMA SLV X	17.	22.07	10.6
123	123	125	SISMA SLV X	20.18	28.49	8.62
123	123	58	SISMA SLV Y	9.74	8.06	22.24
123	123	61	SISMA SLV Y	13.57	8.72	18.73
123	123	120	SISMA SLV Y	17.43	10.32	13.18
123	123	125	SISMA SLV Y	9.47	13.36	16.45
123	123	58	SISMA SLD X	11.38	10.13	5.49
123	123	61	SISMA SLD X	9.05	8.32	4.95
123	123	120	SISMA SLD X	8.3	10.78	5.18
123	123	125	SISMA SLD X	9.86	13.91	4.21

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
123	123	58	SISMA SLD Y	4.76	3.94	10.86
123	123	61	SISMA SLD Y	6.63	4.26	9.15
123	123	120	SISMA SLD Y	8.51	5.04	6.43
123	123	125	SISMA SLD Y	4.63	6.52	8.03
123	123	58	SISMA SLO X	9.43	8.4	4.54
123	123	61	SISMA SLO X	7.5	6.89	4.1
123	123	120	SISMA SLO X	6.88	8.93	4.29
123	123	125	SISMA SLO X	8.17	11.53	3.49
123	123	58	SISMA SLO Y	3.94	3.26	9.
123	123	61	SISMA SLO Y	5.49	3.53	7.58
123	123	120	SISMA SLO Y	7.05	4.17	5.33
123	123	125	SISMA SLO Y	3.83	5.4	6.65
123	123	58	SLT	0.	0.	0.
123	123	61	SLT	0.	0.	0.
123	123	120	SLT	0.	0.	0.
123	123	125	SLT	0.	0.	0.
123	123	58	~TorsionSISMA SLV X	0.	0.	0.
123	123	61	~TorsionSISMA SLV X	0.	0.	0.
123	123	120	~TorsionSISMA SLV X	0.	0.	0.
123	123	125	~TorsionSISMA SLV X	0.	0.	0.
123	123	58	~TorsionSISMA SLV Y	0.	0.	0.
123	123	61	~TorsionSISMA SLV Y	0.	0.	0.
123	123	120	~TorsionSISMA SLV Y	0.	0.	0.
123	123	125	~TorsionSISMA SLV Y	0.	0.	0.
123	123	58	~TorsionSISMA SLD X	0.	0.	0.
123	123	61	~TorsionSISMA SLD X	0.	0.	0.
123	123	120	~TorsionSISMA SLD X	0.	0.	0.
123	123	125	~TorsionSISMA SLD X	0.	0.	0.
123	123	58	~TorsionSISMA SLD Y	0.	0.	0.
123	123	61	~TorsionSISMA SLD Y	0.	0.	0.
123	123	120	~TorsionSISMA SLD Y	0.	0.	0.
123	123	125	~TorsionSISMA SLD Y	0.	0.	0.
123	123	58	~TorsionSISMA SLO X	0.	0.	0.
123	123	61	~TorsionSISMA SLO X	0.	0.	0.
123	123	120	~TorsionSISMA SLO X	0.	0.	0.
123	123	125	~TorsionSISMA SLO X	0.	0.	0.
123	123	58	~TorsionSISMA SLO Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
123	123	61	~TorsionSISMA SLO Y	0.	0.	0.
123	123	120	~TorsionSISMA SLO Y	0.	0.	0.
123	123	125	~TorsionSISMA SLO Y	0.	0.	0.
124	124	178	G1_K	-24.26	-118.06	6.13
124	124	100	G1_K	-25.32	-129.84	2.75
124	124	30	G1_K	-12.86	-104.17	11.46
124	124	59	G1_K	-11.68	-93.56	14.84
124	124	178	G2_K	40.2	550.05	-11.87
124	124	100	G2_K	139.15	346.7	30.
124	124	30	G2_K	67.8	-60.53	-114.67
124	124	59	G2_K	-33.54	132.	-156.54
124	124	178	Q_K	-4.42	-26.15	2.94
124	124	100	Q_K	-6.58	-28.87	-1.71
124	124	30	Q_K	-5.95	-21.83	2.88
124	124	59	Q_K	-3.66	-19.66	7.53
124	124	178	N_K	-0.53	-3.14	0.35
124	124	100	N_K	-0.79	-3.46	-0.2
124	124	30	N_K	-0.71	-2.62	0.35
124	124	59	N_K	-0.44	-2.36	0.9
124	124	178	T+_K	0.	0.	0.
124	124	100	T+_K	0.	0.	0.
124	124	30	T+_K	0.	0.	0.
124	124	59	T+_K	0.	0.	0.
124	124	178	T-_K	0.	0.	0.
124	124	100	T-_K	0.	0.	0.
124	124	30	T-_K	0.	0.	0.
124	124	59	T-_K	0.	0.	0.
124	124	178	G1_D	-31.53	-153.48	7.97
124	124	100	G1_D	-32.92	-168.8	3.57
124	124	30	G1_D	-16.72	-135.42	14.89
124	124	59	G1_D	-15.18	-121.62	19.29
124	124	178	G2_D	52.26	715.07	-15.43
124	124	100	G2_D	180.9	450.71	39.
124	124	30	G2_D	88.13	-78.69	-149.07
124	124	59	G2_D	-43.6	171.6	-203.51
124	124	178	Q_D	-6.63	-39.22	4.41
124	124	100	Q_D	-9.88	-43.3	-2.56
124	124	30	Q_D	-8.93	-32.75	4.32
124	124	59	Q_D	-5.5	-29.49	11.29
124	124	178	N_D	-0.8	-4.71	0.53
124	124	100	N_D	-1.19	-5.2	-0.31
124	124	30	N_D	-1.07	-3.93	0.52
124	124	59	N_D	-0.66	-3.54	1.35
124	124	178	T+_D	0.	0.	0.
124	124	100	T+_D	0.	0.	0.
124	124	30	T+_D	0.	0.	0.
124	124	59	T+_D	0.	0.	0.
124	124	178	T-_D	0.	0.	0.
124	124	100	T-_D	0.	0.	0.
124	124	30	T-_D	0.	0.	0.
124	124	59	T-_D	0.	0.	0.
124	124	178	W+_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
124	124	100	W+_K	0.	0.	0.
124	124	30	W+_K	0.	0.	0.
124	124	59	W+_K	0.	0.	0.
124	124	178	W-_K	0.	0.	0.
124	124	100	W-_K	0.	0.	0.
124	124	30	W-_K	0.	0.	0.
124	124	59	W-_K	0.	0.	0.
124	124	178	W+_D	0.	0.	0.
124	124	100	W+_D	0.	0.	0.
124	124	30	W+_D	0.	0.	0.
124	124	59	W+_D	0.	0.	0.
124	124	178	W-_D	0.	0.	0.
124	124	100	W-_D	0.	0.	0.
124	124	30	W-_D	0.	0.	0.
124	124	59	W-_D	0.	0.	0.
124	124	178	SISMA SLV X	13.91	72.64	8.81
124	124	100	SISMA SLV X	20.11	97.49	3.89
124	124	30	SISMA SLV X	10.75	62.18	13.91
124	124	59	SISMA SLV X	4.11	35.19	19.03
124	124	178	SISMA SLV Y	6.37	33.36	18.23
124	124	100	SISMA SLV Y	10.9	54.1	8.51
124	124	30	SISMA SLV Y	11.43	54.87	22.21
124	124	59	SISMA SLV Y	3.14	16.5	32.03
124	124	178	SISMA SLD X	6.79	35.48	4.3
124	124	100	SISMA SLD X	9.82	47.62	1.9
124	124	30	SISMA SLD X	5.25	30.37	6.8
124	124	59	SISMA SLD X	2.01	17.19	9.3
124	124	178	SISMA SLD Y	3.11	16.3	8.9
124	124	100	SISMA SLD Y	5.32	26.43	4.15
124	124	30	SISMA SLD Y	5.58	26.8	10.84
124	124	59	SISMA SLD Y	1.53	8.06	15.64
124	124	178	SISMA SLO X	5.63	29.39	3.56
124	124	100	SISMA SLO X	8.14	39.45	1.57
124	124	30	SISMA SLO X	4.35	25.16	5.63
124	124	59	SISMA SLO X	1.66	14.24	7.7
124	124	178	SISMA SLO Y	2.58	13.5	7.37
124	124	100	SISMA SLO Y	4.41	21.89	3.44
124	124	30	SISMA SLO Y	4.62	22.2	8.98
124	124	59	SISMA SLO Y	1.27	6.68	12.95
124	124	178	SLT	0.	0.	0.
124	124	100	SLT	0.	0.	0.
124	124	30	SLT	0.	0.	0.
124	124	59	SLT	0.	0.	0.
124	124	178	~TorsionSISMA SLV X	0.	0.	0.
124	124	100	~TorsionSISMA SLV X	0.	0.	0.
124	124	30	~TorsionSISMA SLV X	0.	0.	0.
124	124	59	~TorsionSISMA SLV X	0.	0.	0.
124	124	178	~TorsionSISMA SLV Y	0.	0.	0.
124	124	100	~TorsionSISMA SLV Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
124	124	30	~TorsionSISMA SLV Y	0.	0.	0.
124	124	59	~TorsionSISMA SLV Y	0.	0.	0.
124	124	178	~TorsionSISMA SLD X	0.	0.	0.
124	124	100	~TorsionSISMA SLD X	0.	0.	0.
124	124	30	~TorsionSISMA SLD X	0.	0.	0.
124	124	59	~TorsionSISMA SLD X	0.	0.	0.
124	124	178	~TorsionSISMA SLD Y	0.	0.	0.
124	124	100	~TorsionSISMA SLD Y	0.	0.	0.
124	124	30	~TorsionSISMA SLD Y	0.	0.	0.
124	124	59	~TorsionSISMA SLD Y	0.	0.	0.
124	124	178	~TorsionSISMA SLO X	0.	0.	0.
124	124	100	~TorsionSISMA SLO X	0.	0.	0.
124	124	30	~TorsionSISMA SLO X	0.	0.	0.
124	124	59	~TorsionSISMA SLO X	0.	0.	0.
124	124	178	~TorsionSISMA SLO Y	0.	0.	0.
124	124	100	~TorsionSISMA SLO Y	0.	0.	0.
124	124	30	~TorsionSISMA SLO Y	0.	0.	0.
124	124	59	~TorsionSISMA SLO Y	0.	0.	0.
125	125	59	G1_K	-7.23	-88.37	16.9
125	125	30	G1_K	-10.41	-74.85	-1.42
125	125	163	G1_K	-12.58	-73.47	0.97
125	125	179	G1_K	-9.11	-87.31	19.29
125	125	59	G2_K	-162.23	-28.49	-169.03
125	125	30	G2_K	206.7	151.	-98.56
125	125	163	G2_K	200.9	7.24	-50.24
125	125	179	G2_K	-170.16	-174.15	-120.71
125	125	59	Q_K	-0.88	-20.25	9.42
125	125	30	Q_K	-7.94	-17.25	-1.5
125	125	163	Q_K	-10.07	-16.32	0.64
125	125	179	Q_K	-2.85	-19.5	11.56
125	125	59	N_K	-0.11	-2.43	1.13
125	125	30	N_K	-0.95	-2.07	-0.18
125	125	163	N_K	-1.21	-1.96	7.704E-02
125	125	179	N_K	-0.34	-2.34	1.39
125	125	59	T+_K	0.	0.	0.
125	125	30	T+_K	0.	0.	0.
125	125	163	T+_K	0.	0.	0.
125	125	179	T+_K	0.	0.	0.
125	125	59	T-_K	0.	0.	0.
125	125	30	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
125	125	163	T-_K	0.	0.	0.
125	125	179	T-_K	0.	0.	0.
125	125	59	G1_D	-9.4	-114.88	21.97
125	125	30	G1_D	-13.54	-97.31	-1.85
125	125	163	G1_D	-16.36	-95.51	1.26
125	125	179	G1_D	-11.85	-113.5	25.07
125	125	59	G2_D	-210.9	-37.04	-219.74
125	125	30	G2_D	268.71	196.3	-128.13
125	125	163	G2_D	261.17	9.41	-65.31
125	125	179	G2_D	-221.2	-226.4	-156.93
125	125	59	Q_D	-1.32	-30.38	14.13
125	125	30	Q_D	-11.91	-25.87	-2.25
125	125	163	Q_D	-15.1	-24.48	0.96
125	125	179	Q_D	-4.27	-29.25	17.34
125	125	59	N_D	-0.16	-3.65	1.7
125	125	30	N_D	-1.43	-3.1	-0.27
125	125	163	N_D	-1.81	-2.94	0.12
125	125	179	N_D	-0.51	-3.51	2.08
125	125	59	T+_D	0.	0.	0.
125	125	30	T+_D	0.	0.	0.
125	125	163	T+_D	0.	0.	0.
125	125	179	T+_D	0.	0.	0.
125	125	59	T-_D	0.	0.	0.
125	125	30	T-_D	0.	0.	0.
125	125	163	T-_D	0.	0.	0.
125	125	179	T-_D	0.	0.	0.
125	125	59	W+_K	0.	0.	0.
125	125	30	W+_K	0.	0.	0.
125	125	163	W+_K	0.	0.	0.
125	125	179	W+_K	0.	0.	0.
125	125	59	W-_K	0.	0.	0.
125	125	30	W-_K	0.	0.	0.
125	125	163	W-_K	0.	0.	0.
125	125	179	W-_K	0.	0.	0.
125	125	59	W+_D	0.	0.	0.
125	125	30	W+_D	0.	0.	0.
125	125	163	W+_D	0.	0.	0.
125	125	179	W+_D	0.	0.	0.
125	125	59	W-_D	0.	0.	0.
125	125	30	W-_D	0.	0.	0.
125	125	163	W-_D	0.	0.	0.
125	125	179	W-_D	0.	0.	0.
125	125	59	SISMA SLV X	2.47	34.15	19.36
125	125	30	SISMA SLV X	12.8	54.2	6.68
125	125	163	SISMA SLV X	12.28	39.69	6.66
125	125	179	SISMA SLV X	4.93	19.56	19.11
125	125	59	SISMA SLV Y	2.4	15.57	31.04
125	125	30	SISMA SLV Y	8.36	34.39	9.73
125	125	163	SISMA SLV Y	12.47	41.85	6.1
125	125	179	SISMA SLV Y	7.45	19.73	27.63
125	125	59	SISMA SLD X	1.21	16.68	9.46
125	125	30	SISMA SLD X	6.25	26.47	3.26
125	125	163	SISMA SLD X	6.	19.39	3.25
125	125	179	SISMA SLD X	2.41	9.55	9.33

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
125	125	59	SISMA SLD Y	1.17	7.61	15.16
125	125	30	SISMA SLD Y	4.08	16.8	4.75
125	125	163	SISMA SLD Y	6.09	20.44	2.98
125	125	179	SISMA SLD Y	3.64	9.64	13.5
125	125	59	SISMA SLO X	0.99	13.82	7.83
125	125	30	SISMA SLO X	5.18	21.93	2.7
125	125	163	SISMA SLO X	4.97	16.06	2.69
125	125	179	SISMA SLO X	1.99	7.91	7.73
125	125	59	SISMA SLO Y	0.97	6.3	12.56
125	125	30	SISMA SLO Y	3.38	13.91	3.93
125	125	163	SISMA SLO Y	5.04	16.93	2.47
125	125	179	SISMA SLO Y	3.01	7.98	11.18
125	125	59	SLT	0.	0.	0.
125	125	30	SLT	0.	0.	0.
125	125	163	SLT	0.	0.	0.
125	125	179	SLT	0.	0.	0.
125	125	59	~TorsionSISMA SLV X	0.	0.	0.
125	125	30	~TorsionSISMA SLV X	0.	0.	0.
125	125	163	~TorsionSISMA SLV X	0.	0.	0.
125	125	179	~TorsionSISMA SLV X	0.	0.	0.
125	125	59	~TorsionSISMA SLV Y	0.	0.	0.
125	125	30	~TorsionSISMA SLV Y	0.	0.	0.
125	125	163	~TorsionSISMA SLV Y	0.	0.	0.
125	125	179	~TorsionSISMA SLV Y	0.	0.	0.
125	125	59	~TorsionSISMA SLD X	0.	0.	0.
125	125	30	~TorsionSISMA SLD X	0.	0.	0.
125	125	163	~TorsionSISMA SLD X	0.	0.	0.
125	125	179	~TorsionSISMA SLD X	0.	0.	0.
125	125	59	~TorsionSISMA SLD Y	0.	0.	0.
125	125	30	~TorsionSISMA SLD Y	0.	0.	0.
125	125	163	~TorsionSISMA SLD Y	0.	0.	0.
125	125	179	~TorsionSISMA SLD Y	0.	0.	0.
125	125	59	~TorsionSISMA SLO X	0.	0.	0.
125	125	30	~TorsionSISMA SLO X	0.	0.	0.
125	125	163	~TorsionSISMA SLO X	0.	0.	0.
125	125	179	~TorsionSISMA SLO X	0.	0.	0.
125	125	59	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
125	125	30	~TorsionSISMA SLO Y	0.	0.	0.
125	125	163	~TorsionSISMA SLO Y	0.	0.	0.
125	125	179	~TorsionSISMA SLO Y	0.	0.	0.
126	126	179	G1_K	1.51	-73.9	23.85
126	126	163	G1_K	-17.37	-57.67	-3.87
126	126	32	G1_K	-31.94	-55.1	-1.3
126	126	60	G1_K	-12.67	-72.47	26.43
126	126	179	G2_K	-226.31	-221.68	-109.86
126	126	163	G2_K	257.32	56.13	-69.99
126	126	32	G2_K	273.25	29.61	20.13
126	126	60	G2_K	-210.89	-248.45	-19.73
126	126	179	Q_K	1.63	-19.52	14.85
126	126	163	Q_K	-13.85	-12.82	-2.24
126	126	32	Q_K	-21.53	-10.58	-7.081E-02
126	126	60	Q_K	-5.81	-17.95	17.01
126	126	179	N_K	0.2	-2.34	1.78
126	126	163	N_K	-1.66	-1.54	-0.27
126	126	32	N_K	-2.58	-1.27	-8.498E-03
126	126	60	N_K	-0.7	-2.15	2.04
126	126	179	T+_K	0.	0.	0.
126	126	163	T+_K	0.	0.	0.
126	126	32	T+_K	0.	0.	0.
126	126	60	T+_K	0.	0.	0.
126	126	179	T-_K	0.	0.	0.
126	126	163	T-_K	0.	0.	0.
126	126	32	T-_K	0.	0.	0.
126	126	60	T-_K	0.	0.	0.
126	126	179	G1_D	1.96	-96.07	31.01
126	126	163	G1_D	-22.57	-74.97	-5.03
126	126	32	G1_D	-41.53	-71.63	-1.68
126	126	60	G1_D	-16.48	-94.22	34.36
126	126	179	G2_D	-294.2	-288.19	-142.82
126	126	163	G2_D	334.52	72.96	-90.99
126	126	32	G2_D	355.22	38.5	26.17
126	126	60	G2_D	-274.15	-322.99	-25.65
126	126	179	Q_D	2.45	-29.28	22.27
126	126	163	Q_D	-20.78	-19.22	-3.36
126	126	32	Q_D	-32.3	-15.87	-0.11
126	126	60	Q_D	-8.72	-26.93	25.52
126	126	179	N_D	0.29	-3.51	2.67
126	126	163	N_D	-2.49	-2.31	-0.4
126	126	32	N_D	-3.88	-1.9	-1.275E-02
126	126	60	N_D	-1.05	-3.23	3.06
126	126	179	T+_D	0.	0.	0.
126	126	163	T+_D	0.	0.	0.
126	126	32	T+_D	0.	0.	0.
126	126	60	T+_D	0.	0.	0.
126	126	179	T-_D	0.	0.	0.
126	126	163	T-_D	0.	0.	0.
126	126	32	T-_D	0.	0.	0.
126	126	60	T-_D	0.	0.	0.
126	126	179	W+_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
126	126	163	W+_K	0.	0.	0.
126	126	32	W+_K	0.	0.	0.
126	126	60	W+_K	0.	0.	0.
126	126	179	W-_K	0.	0.	0.
126	126	163	W-_K	0.	0.	0.
126	126	32	W-_K	0.	0.	0.
126	126	60	W-_K	0.	0.	0.
126	126	179	W+_D	0.	0.	0.
126	126	163	W+_D	0.	0.	0.
126	126	32	W+_D	0.	0.	0.
126	126	60	W+_D	0.	0.	0.
126	126	179	W-_D	0.	0.	0.
126	126	163	W-_D	0.	0.	0.
126	126	32	W-_D	0.	0.	0.
126	126	60	W-_D	0.	0.	0.
126	126	179	SISMA SLV X	10.6	12.12	18.5
126	126	163	SISMA SLV X	18.19	40.39	6.74
126	126	32	SISMA SLV X	20.25	30.76	3.84
126	126	60	SISMA SLV X	11.48	13.14	15.3
126	126	179	SISMA SLV Y	7.4	14.81	27.32
126	126	163	SISMA SLV Y	11.18	25.14	6.99
126	126	32	SISMA SLV Y	17.01	33.19	7.66
126	126	60	SISMA SLV Y	13.37	27.13	28.23
126	126	179	SISMA SLD X	5.18	5.92	9.04
126	126	163	SISMA SLD X	8.89	19.73	3.29
126	126	32	SISMA SLD X	9.89	15.02	1.88
126	126	60	SISMA SLD X	5.61	6.42	7.47
126	126	179	SISMA SLD Y	3.62	7.24	13.35
126	126	163	SISMA SLD Y	5.46	12.28	3.42
126	126	32	SISMA SLD Y	8.31	16.21	3.74
126	126	60	SISMA SLD Y	6.53	13.25	13.79
126	126	179	SISMA SLO X	4.29	4.9	7.49
126	126	163	SISMA SLO X	7.36	16.34	2.73
126	126	32	SISMA SLO X	8.19	12.45	1.55
126	126	60	SISMA SLO X	4.64	5.31	6.19
126	126	179	SISMA SLO Y	2.99	5.99	11.05
126	126	163	SISMA SLO Y	4.52	10.17	2.83
126	126	32	SISMA SLO Y	6.88	13.43	3.1
126	126	60	SISMA SLO Y	5.41	10.98	11.42
126	126	179	SLT	0.	0.	0.
126	126	163	SLT	0.	0.	0.
126	126	32	SLT	0.	0.	0.
126	126	60	SLT	0.	0.	0.
126	126	179	~TorsionSISMA SLV X	0.	0.	0.
126	126	163	~TorsionSISMA SLV X	0.	0.	0.
126	126	32	~TorsionSISMA SLV X	0.	0.	0.
126	126	60	~TorsionSISMA SLV X	0.	0.	0.
126	126	179	~TorsionSISMA SLV Y	0.	0.	0.
126	126	163	~TorsionSISMA SLV Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
126	126	32	~TorsionSISMA SLV Y	0.	0.	0.
126	126	60	~TorsionSISMA SLV Y	0.	0.	0.
126	126	179	~TorsionSISMA SLD X	0.	0.	0.
126	126	163	~TorsionSISMA SLD X	0.	0.	0.
126	126	32	~TorsionSISMA SLD X	0.	0.	0.
126	126	60	~TorsionSISMA SLD X	0.	0.	0.
126	126	179	~TorsionSISMA SLD Y	0.	0.	0.
126	126	163	~TorsionSISMA SLD Y	0.	0.	0.
126	126	32	~TorsionSISMA SLD Y	0.	0.	0.
126	126	60	~TorsionSISMA SLD Y	0.	0.	0.
126	126	179	~TorsionSISMA SLO X	0.	0.	0.
126	126	163	~TorsionSISMA SLO X	0.	0.	0.
126	126	32	~TorsionSISMA SLO X	0.	0.	0.
126	126	60	~TorsionSISMA SLO X	0.	0.	0.
126	126	179	~TorsionSISMA SLO Y	0.	0.	0.
126	126	163	~TorsionSISMA SLO Y	0.	0.	0.
126	126	32	~TorsionSISMA SLO Y	0.	0.	0.
126	126	60	~TorsionSISMA SLO Y	0.	0.	0.
127	127	60	G1_K	-2.05	-55.53	22.2
127	127	32	G1_K	-36.87	-43.54	7.36
127	127	165	G1_K	-39.6	-31.16	1.41
127	127	180	G1_K	-4.63	-42.68	16.26
127	127	60	G2_K	-196.65	-229.13	3.17
127	127	32	G2_K	262.5	27.76	-12.71
127	127	165	G2_K	253.4	41.13	71.29
127	127	180	G2_K	-204.58	-215.79	87.17
127	127	60	Q_K	-1.21	-15.86	14.57
127	127	32	Q_K	-25.85	-11.23	5.38
127	127	165	Q_K	-26.09	-2.4	1.61
127	127	180	Q_K	-1.37	-6.71	10.8
127	127	60	N_K	-0.14	-1.9	1.75
127	127	32	N_K	-3.1	-1.35	0.65
127	127	165	N_K	-3.13	-0.29	0.19
127	127	180	N_K	-0.16	-0.81	1.3
127	127	60	T+_K	0.	0.	0.
127	127	32	T+_K	0.	0.	0.
127	127	165	T+_K	0.	0.	0.
127	127	180	T+_K	0.	0.	0.
127	127	60	T-_K	0.	0.	0.
127	127	32	T-_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
127	127	165	T-_K	0.	0.	0.
127	127	180	T-_K	0.	0.	0.
127	127	60	G1_D	-2.66	-72.19	28.86
127	127	32	G1_D	-47.93	-56.6	9.56
127	127	165	G1_D	-51.48	-40.51	1.84
127	127	180	G1_D	-6.02	-55.48	21.13
127	127	60	G2_D	-255.64	-297.87	4.12
127	127	32	G2_D	341.26	36.09	-16.53
127	127	165	G2_D	329.42	53.47	92.67
127	127	180	G2_D	-265.95	-280.53	113.33
127	127	60	Q_D	-1.81	-23.8	21.85
127	127	32	Q_D	-38.77	-16.84	8.07
127	127	165	Q_D	-39.14	-3.6	2.42
127	127	180	Q_D	-2.06	-10.06	16.2
127	127	60	N_D	-0.22	-2.86	2.62
127	127	32	N_D	-4.65	-2.02	0.97
127	127	165	N_D	-4.7	-0.43	0.29
127	127	180	N_D	-0.25	-1.21	1.94
127	127	60	T+_D	0.	0.	0.
127	127	32	T+_D	0.	0.	0.
127	127	165	T+_D	0.	0.	0.
127	127	180	T+_D	0.	0.	0.
127	127	60	T-_D	0.	0.	0.
127	127	32	T-_D	0.	0.	0.
127	127	165	T-_D	0.	0.	0.
127	127	180	T-_D	0.	0.	0.
127	127	60	W+_K	0.	0.	0.
127	127	32	W+_K	0.	0.	0.
127	127	165	W+_K	0.	0.	0.
127	127	180	W+_K	0.	0.	0.
127	127	60	W-_K	0.	0.	0.
127	127	32	W-_K	0.	0.	0.
127	127	165	W-_K	0.	0.	0.
127	127	180	W-_K	0.	0.	0.
127	127	60	W+_D	0.	0.	0.
127	127	32	W+_D	0.	0.	0.
127	127	165	W+_D	0.	0.	0.
127	127	180	W+_D	0.	0.	0.
127	127	60	W-_D	0.	0.	0.
127	127	32	W-_D	0.	0.	0.
127	127	165	W-_D	0.	0.	0.
127	127	180	W-_D	0.	0.	0.
127	127	60	SISMA SLV X	14.23	10.13	12.54
127	127	32	SISMA SLV X	23.07	27.96	6.29
127	127	165	SISMA SLV X	22.16	22.49	8.96
127	127	180	SISMA SLV X	16.11	17.28	11.96
127	127	60	SISMA SLV Y	11.07	17.76	23.68
127	127	32	SISMA SLV Y	16.11	18.54	12.74
127	127	165	SISMA SLV Y	18.44	25.69	14.79
127	127	180	SISMA SLV Y	14.05	27.89	25.42
127	127	60	SISMA SLD X	6.95	4.95	6.12
127	127	32	SISMA SLD X	11.27	13.66	3.07
127	127	165	SISMA SLD X	10.82	10.99	4.38
127	127	180	SISMA SLD X	7.87	8.44	5.84

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
127	127	60	SISMA SLD Y	5.4	8.68	11.57
127	127	32	SISMA SLD Y	7.87	9.06	6.22
127	127	165	SISMA SLD Y	9.01	12.55	7.22
127	127	180	SISMA SLD Y	6.86	13.62	12.42
127	127	60	SISMA SLO X	5.76	4.1	5.07
127	127	32	SISMA SLO X	9.34	11.31	2.54
127	127	165	SISMA SLO X	8.97	9.1	3.63
127	127	180	SISMA SLO X	6.52	6.99	4.84
127	127	60	SISMA SLO Y	4.48	7.18	9.58
127	127	32	SISMA SLO Y	6.52	7.5	5.15
127	127	165	SISMA SLO Y	7.46	10.39	5.98
127	127	180	SISMA SLO Y	5.68	11.28	10.28
127	127	60	SLT	0.	0.	0.
127	127	32	SLT	0.	0.	0.
127	127	165	SLT	0.	0.	0.
127	127	180	SLT	0.	0.	0.
127	127	60	~TorsionSISMA SLV X	0.	0.	0.
127	127	32	~TorsionSISMA SLV X	0.	0.	0.
127	127	165	~TorsionSISMA SLV X	0.	0.	0.
127	127	180	~TorsionSISMA SLV X	0.	0.	0.
127	127	60	~TorsionSISMA SLV Y	0.	0.	0.
127	127	32	~TorsionSISMA SLV Y	0.	0.	0.
127	127	165	~TorsionSISMA SLV Y	0.	0.	0.
127	127	180	~TorsionSISMA SLV Y	0.	0.	0.
127	127	60	~TorsionSISMA SLD X	0.	0.	0.
127	127	32	~TorsionSISMA SLD X	0.	0.	0.
127	127	165	~TorsionSISMA SLD X	0.	0.	0.
127	127	180	~TorsionSISMA SLD X	0.	0.	0.
127	127	60	~TorsionSISMA SLD Y	0.	0.	0.
127	127	32	~TorsionSISMA SLD Y	0.	0.	0.
127	127	165	~TorsionSISMA SLD Y	0.	0.	0.
127	127	180	~TorsionSISMA SLD Y	0.	0.	0.
127	127	60	~TorsionSISMA SLO X	0.	0.	0.
127	127	32	~TorsionSISMA SLO X	0.	0.	0.
127	127	165	~TorsionSISMA SLO X	0.	0.	0.
127	127	180	~TorsionSISMA SLO X	0.	0.	0.
127	127	60	~TorsionSISMA SLO Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
127	127	32	~TorsionSISMA SLO Y	0.	0.	0.
127	127	165	~TorsionSISMA SLO Y	0.	0.	0.
127	127	180	~TorsionSISMA SLO Y	0.	0.	0.
128	128	180	G1_K	0.13	-35.05	10.9
128	128	165	G1_K	-39.98	-16.83	16.11
128	128	34	G1_K	-37.63	20.95	2.28
128	128	61	G1_K	2.41	3.16	-2.93
128	128	180	G2_K	-130.7	-138.15	97.44
128	128	165	G2_K	186.64	-0.91	51.09
128	128	34	G2_K	168.82	37.38	90.15
128	128	61	G2_K	-145.99	-100.33	136.5
128	128	180	Q_K	-0.47	-11.02	7.34
128	128	165	Q_K	-27.51	-0.7	10.99
128	128	34	Q_K	-24.18	24.44	2.17
128	128	61	Q_K	2.81	14.42	-1.49
128	128	180	N_K	-5.674E-02	-1.32	0.88
128	128	165	N_K	-3.3	-8.423E-02	1.32
128	128	34	N_K	-2.9	2.93	0.26
128	128	61	N_K	0.34	1.73	-0.18
128	128	180	T+_K	0.	0.	0.
128	128	165	T+_K	0.	0.	0.
128	128	34	T+_K	0.	0.	0.
128	128	61	T+_K	0.	0.	0.
128	128	180	T-_K	0.	0.	0.
128	128	165	T-_K	0.	0.	0.
128	128	34	T-_K	0.	0.	0.
128	128	61	T-_K	0.	0.	0.
128	128	180	G1_D	0.17	-45.57	14.17
128	128	165	G1_D	-51.97	-21.88	20.94
128	128	34	G1_D	-48.93	27.24	2.97
128	128	61	G1_D	3.13	4.11	-3.81
128	128	180	G2_D	-169.9	-179.59	126.67
128	128	165	G2_D	242.63	-1.19	66.41
128	128	34	G2_D	219.47	48.59	117.19
128	128	61	G2_D	-189.79	-130.42	177.45
128	128	180	Q_D	-0.71	-16.52	11.01
128	128	165	Q_D	-41.26	-1.05	16.49
128	128	34	Q_D	-36.27	36.66	3.25
128	128	61	Q_D	4.21	21.63	-2.23
128	128	180	N_D	-8.510E-02	-1.98	1.32
128	128	165	N_D	-4.95	-0.13	1.98
128	128	34	N_D	-4.35	4.4	0.39
128	128	61	N_D	0.51	2.6	-0.27
128	128	180	T+_D	0.	0.	0.
128	128	165	T+_D	0.	0.	0.
128	128	34	T+_D	0.	0.	0.
128	128	61	T+_D	0.	0.	0.
128	128	180	T-_D	0.	0.	0.
128	128	165	T-_D	0.	0.	0.
128	128	34	T-_D	0.	0.	0.
128	128	61	T-_D	0.	0.	0.
128	128	180	W+_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
128	128	165	W+_K	0.	0.	0.
128	128	34	W+_K	0.	0.	0.
128	128	61	W+_K	0.	0.	0.
128	128	180	W-_K	0.	0.	0.
128	128	165	W-_K	0.	0.	0.
128	128	34	W-_K	0.	0.	0.
128	128	61	W-_K	0.	0.	0.
128	128	180	W+_D	0.	0.	0.
128	128	165	W+_D	0.	0.	0.
128	128	34	W+_D	0.	0.	0.
128	128	61	W+_D	0.	0.	0.
128	128	180	W-_D	0.	0.	0.
128	128	165	W-_D	0.	0.	0.
128	128	34	W-_D	0.	0.	0.
128	128	61	W-_D	0.	0.	0.
128	128	180	SISMA SLV X	14.04	11.81	10.06
128	128	165	SISMA SLV X	20.55	17.03	10.26
128	128	34	SISMA SLV X	16.61	16.67	12.26
128	128	61	SISMA SLV X	17.81	14.58	12.58
128	128	180	SISMA SLV Y	9.72	14.67	19.78
128	128	165	SISMA SLV Y	17.77	14.09	20.45
128	128	34	SISMA SLV Y	16.7	19.02	20.44
128	128	61	SISMA SLV Y	10.53	19.93	19.81
128	128	180	SISMA SLD X	6.86	5.77	4.92
128	128	165	SISMA SLD X	10.04	8.32	5.01
128	128	34	SISMA SLD X	8.11	8.14	5.99
128	128	61	SISMA SLD X	8.7	7.12	6.14
128	128	180	SISMA SLD Y	4.74	7.16	9.66
128	128	165	SISMA SLD Y	8.68	6.88	9.99
128	128	34	SISMA SLD Y	8.16	9.29	9.98
128	128	61	SISMA SLD Y	5.14	9.73	9.68
128	128	180	SISMA SLO X	5.68	4.78	4.07
128	128	165	SISMA SLO X	8.32	6.89	4.15
128	128	34	SISMA SLO X	6.72	6.74	4.96
128	128	61	SISMA SLO X	7.21	5.9	5.09
128	128	180	SISMA SLO Y	3.93	5.93	8.
128	128	165	SISMA SLO Y	7.19	5.7	8.27
128	128	34	SISMA SLO Y	6.76	7.7	8.27
128	128	61	SISMA SLO Y	4.26	8.06	8.01
128	128	180	SLT	0.	0.	0.
128	128	165	SLT	0.	0.	0.
128	128	34	SLT	0.	0.	0.
128	128	61	SLT	0.	0.	0.
128	128	180	~TorsionSISMA SLV X	0.	0.	0.
128	128	165	~TorsionSISMA SLV X	0.	0.	0.
128	128	34	~TorsionSISMA SLV X	0.	0.	0.
128	128	61	~TorsionSISMA SLV X	0.	0.	0.
128	128	180	~TorsionSISMA SLV Y	0.	0.	0.
128	128	165	~TorsionSISMA SLV Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
128	128	34	~TorsionSISMA SLV Y	0.	0.	0.
128	128	61	~TorsionSISMA SLV Y	0.	0.	0.
128	128	180	~TorsionSISMA SLD X	0.	0.	0.
128	128	165	~TorsionSISMA SLD X	0.	0.	0.
128	128	34	~TorsionSISMA SLD X	0.	0.	0.
128	128	61	~TorsionSISMA SLD X	0.	0.	0.
128	128	180	~TorsionSISMA SLD Y	0.	0.	0.
128	128	165	~TorsionSISMA SLD Y	0.	0.	0.
128	128	34	~TorsionSISMA SLD Y	0.	0.	0.
128	128	61	~TorsionSISMA SLD Y	0.	0.	0.
128	128	180	~TorsionSISMA SLO X	0.	0.	0.
128	128	165	~TorsionSISMA SLO X	0.	0.	0.
128	128	34	~TorsionSISMA SLO X	0.	0.	0.
128	128	61	~TorsionSISMA SLO X	0.	0.	0.
128	128	180	~TorsionSISMA SLO Y	0.	0.	0.
128	128	165	~TorsionSISMA SLO Y	0.	0.	0.
128	128	34	~TorsionSISMA SLO Y	0.	0.	0.
128	128	61	~TorsionSISMA SLO Y	0.	0.	0.
129	129	61	G1_K	3.49	35.98	-37.17
129	129	34	G1_K	-38.15	-9.04	44.49
129	129	104	G1_K	-3.95	53.66	-4.76
129	129	120	G1_K	36.76	103.75	-86.42
129	129	61	G2_K	-36.74	12.98	146.79
129	129	34	G2_K	68.11	-33.22	69.89
129	129	104	G2_K	43.96	59.76	39.16
129	129	120	G2_K	-58.06	106.65	116.06
129	129	61	Q_K	1.53	26.66	-23.34
129	129	34	Q_K	-25.85	-2.55	28.97
129	129	104	Q_K	-2.43	38.5	-2.72
129	129	120	Q_K	24.35	70.97	-55.03
129	129	61	N_K	0.18	3.2	-2.8
129	129	34	N_K	-3.1	-0.31	3.48
129	129	104	N_K	-0.29	4.62	-0.33
129	129	120	N_K	2.92	8.52	-6.6
129	129	61	T+_K	0.	0.	0.
129	129	34	T+_K	0.	0.	0.
129	129	104	T+_K	0.	0.	0.
129	129	120	T+_K	0.	0.	0.
129	129	61	T-_K	0.	0.	0.
129	129	34	T-_K	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
129	129	104	T-_K	0.	0.	0.
129	129	120	T-_K	0.	0.	0.
129	129	61	G1_D	4.54	46.77	-48.32
129	129	34	G1_D	-49.6	-11.75	57.83
129	129	104	G1_D	-5.14	69.76	-6.19
129	129	120	G1_D	47.79	134.87	-112.35
129	129	61	G2_D	-47.77	16.87	190.83
129	129	34	G2_D	88.55	-43.19	90.86
129	129	104	G2_D	57.14	77.68	50.9
129	129	120	G2_D	-75.48	138.65	150.87
129	129	61	Q_D	2.3	39.99	-35.01
129	129	34	Q_D	-38.78	-3.83	43.45
129	129	104	Q_D	-3.65	57.75	-4.07
129	129	120	Q_D	36.52	106.45	-82.54
129	129	61	N_D	0.28	4.8	-4.2
129	129	34	N_D	-4.65	-0.46	5.21
129	129	104	N_D	-0.44	6.93	-0.49
129	129	120	N_D	4.38	12.77	-9.9
129	129	61	T+_D	0.	0.	0.
129	129	34	T+_D	0.	0.	0.
129	129	104	T+_D	0.	0.	0.
129	129	120	T+_D	0.	0.	0.
129	129	61	T-_D	0.	0.	0.
129	129	34	T-_D	0.	0.	0.
129	129	104	T-_D	0.	0.	0.
129	129	120	T-_D	0.	0.	0.
129	129	61	W+_K	0.	0.	0.
129	129	34	W+_K	0.	0.	0.
129	129	104	W+_K	0.	0.	0.
129	129	120	W+_K	0.	0.	0.
129	129	61	W-_K	0.	0.	0.
129	129	34	W-_K	0.	0.	0.
129	129	104	W-_K	0.	0.	0.
129	129	120	W-_K	0.	0.	0.
129	129	61	W+_D	0.	0.	0.
129	129	34	W+_D	0.	0.	0.
129	129	104	W+_D	0.	0.	0.
129	129	120	W+_D	0.	0.	0.
129	129	61	W-_D	0.	0.	0.
129	129	34	W-_D	0.	0.	0.
129	129	104	W-_D	0.	0.	0.
129	129	120	W-_D	0.	0.	0.
129	129	61	SISMA SLV X	9.83	6.08	12.24
129	129	34	SISMA SLV X	10.8	4.66	12.49
129	129	104	SISMA SLV X	6.85	10.62	7.22
129	129	120	SISMA SLV X	15.85	14.73	12.74
129	129	61	SISMA SLV Y	4.81	2.53	17.98
129	129	34	SISMA SLV Y	15.47	9.12	22.11
129	129	104	SISMA SLV Y	15.14	8.12	14.14
129	129	120	SISMA SLV Y	7.	6.52	10.69
129	129	61	SISMA SLD X	4.8	2.97	5.98
129	129	34	SISMA SLD X	5.27	2.27	6.1
129	129	104	SISMA SLD X	3.35	5.18	3.52
129	129	120	SISMA SLD X	7.74	7.19	6.22

9. Area results

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Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
129	129	61	SISMA SLD Y	2.35	1.23	8.78
129	129	34	SISMA SLD Y	7.55	4.46	10.8
129	129	104	SISMA SLD Y	7.39	3.97	6.9
129	129	120	SISMA SLD Y	3.42	3.18	5.22
129	129	61	SISMA SLO X	3.98	2.46	4.95
129	129	34	SISMA SLO X	4.37	1.88	5.05
129	129	104	SISMA SLO X	2.77	4.3	2.92
129	129	120	SISMA SLO X	6.41	5.96	5.16
129	129	61	SISMA SLO Y	1.94	1.02	7.27
129	129	34	SISMA SLO Y	6.26	3.69	8.94
129	129	104	SISMA SLO Y	6.12	3.28	5.72
129	129	120	SISMA SLO Y	2.83	2.64	4.33
129	129	61	SLT	0.	0.	0.
129	129	34	SLT	0.	0.	0.
129	129	104	SLT	0.	0.	0.
129	129	120	SLT	0.	0.	0.
129	129	61	~TorsionSISMA SLV X	0.	0.	0.
129	129	34	~TorsionSISMA SLV X	0.	0.	0.
129	129	104	~TorsionSISMA SLV X	0.	0.	0.
129	129	120	~TorsionSISMA SLV X	0.	0.	0.
129	129	61	~TorsionSISMA SLV Y	0.	0.	0.
129	129	34	~TorsionSISMA SLV Y	0.	0.	0.
129	129	104	~TorsionSISMA SLV Y	0.	0.	0.
129	129	120	~TorsionSISMA SLV Y	0.	0.	0.
129	129	61	~TorsionSISMA SLD X	0.	0.	0.
129	129	34	~TorsionSISMA SLD X	0.	0.	0.
129	129	104	~TorsionSISMA SLD X	0.	0.	0.
129	129	120	~TorsionSISMA SLD X	0.	0.	0.
129	129	61	~TorsionSISMA SLD Y	0.	0.	0.
129	129	34	~TorsionSISMA SLD Y	0.	0.	0.
129	129	104	~TorsionSISMA SLD Y	0.	0.	0.
129	129	120	~TorsionSISMA SLD Y	0.	0.	0.
129	129	61	~TorsionSISMA SLO X	0.	0.	0.
129	129	34	~TorsionSISMA SLO X	0.	0.	0.
129	129	104	~TorsionSISMA SLO X	0.	0.	0.
129	129	120	~TorsionSISMA SLO X	0.	0.	0.
129	129	61	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 1 of 3

Area	AreaElem	Joint	OutputCase	S11Top KN/m2	S22Top KN/m2	S12Top KN/m2
129	129	34	~TorsionSISMA SLO Y	0.	0.	0.
129	129	104	~TorsionSISMA SLO Y	0.	0.	0.
129	129	120	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
1	1	149	G1_K	0.79	-148.7	-46.95
1	1	148	G1_K	79.12	29.86	-13.44
1	1	1	G1_K	117.69	-29.65	33.69
1	1	112	G1_K	40.38	-209.68	0.18
1	1	149	G2_K	-66.61	92.47	159.4
1	1	148	G2_K	-141.94	-68.55	105.
1	1	1	G2_K	-206.05	-25.05	91.69
1	1	112	G2_K	-134.	139.47	146.09
1	1	149	Q_K	1.62	-71.93	-31.21
1	1	148	Q_K	50.28	32.26	-8.72
1	1	1	Q_K	75.14	-8.	19.49
1	1	112	Q_K	27.13	-113.14	-2.99
1	1	149	N_K	0.19	-8.63	-3.74
1	1	148	N_K	6.03	3.87	-1.05
1	1	1	N_K	9.02	-0.96	2.34
1	1	112	N_K	3.26	-13.58	-0.36
1	1	149	T+_K	0.	0.	0.
1	1	148	T+_K	0.	0.	0.
1	1	1	T+_K	0.	0.	0.
1	1	112	T+_K	0.	0.	0.
1	1	149	T-_K	0.	0.	0.
1	1	148	T-_K	0.	0.	0.
1	1	1	T-_K	0.	0.	0.
1	1	112	T-_K	0.	0.	0.
1	1	149	G1_D	1.02	-193.31	-61.03
1	1	148	G1_D	102.85	38.82	-17.47
1	1	1	G1_D	153.	-38.54	43.8
1	1	112	G1_D	52.49	-272.58	0.24
1	1	149	G2_D	-86.59	120.21	207.22
1	1	148	G2_D	-184.52	-89.12	136.49
1	1	1	G2_D	-267.87	-32.56	119.2
1	1	112	G2_D	-174.2	181.31	189.92
1	1	149	Q_D	2.43	-107.9	-46.81
1	1	148	Q_D	75.43	48.39	-13.08
1	1	1	Q_D	112.71	-12.01	29.24
1	1	112	Q_D	40.69	-169.71	-4.49
1	1	149	N_D	0.29	-12.95	-5.62
1	1	148	N_D	9.05	5.81	-1.57
1	1	1	N_D	13.52	-1.44	3.51
1	1	112	N_D	4.88	-20.37	-0.54
1	1	149	T+_D	0.	0.	0.
1	1	148	T+_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
1	1	1	T+_D	0.	0.	0.
1	1	112	T+_D	0.	0.	0.
1	1	149	T-_D	0.	0.	0.
1	1	148	T-_D	0.	0.	0.
1	1	1	T-_D	0.	0.	0.
1	1	112	T-_D	0.	0.	0.
1	1	149	W+_K	0.	0.	0.
1	1	148	W+_K	0.	0.	0.
1	1	1	W+_K	0.	0.	0.
1	1	112	W+_K	0.	0.	0.
1	1	149	W-_K	0.	0.	0.
1	1	148	W-_K	0.	0.	0.
1	1	1	W-_K	0.	0.	0.
1	1	112	W-_K	0.	0.	0.
1	1	149	W+_D	0.	0.	0.
1	1	148	W+_D	0.	0.	0.
1	1	1	W+_D	0.	0.	0.
1	1	112	W+_D	0.	0.	0.
1	1	149	W-_D	0.	0.	0.
1	1	148	W-_D	0.	0.	0.
1	1	1	W-_D	0.	0.	0.
1	1	112	W-_D	0.	0.	0.
1	1	149	SISMA SLV X	11.65	96.	21.
1	1	148	SISMA SLV X	17.93	15.59	6.76
1	1	1	SISMA SLV X	21.22	27.61	11.89
1	1	112	SISMA SLV X	14.59	86.07	4.83
1	1	149	SISMA SLV Y	8.72	43.46	24.26
1	1	148	SISMA SLV Y	27.83	9.28	13.36
1	1	1	SISMA SLV Y	30.8	22.91	7.96
1	1	112	SISMA SLV Y	12.09	52.7	4.26
1	1	149	SISMA SLD X	5.69	46.89	10.26
1	1	148	SISMA SLD X	8.76	7.61	3.3
1	1	1	SISMA SLD X	10.36	13.48	5.81
1	1	112	SISMA SLD X	7.12	42.04	2.36
1	1	149	SISMA SLD Y	4.26	21.23	11.85
1	1	148	SISMA SLD Y	13.59	4.53	6.53
1	1	1	SISMA SLD Y	15.04	11.19	3.89
1	1	112	SISMA SLD Y	5.9	25.74	2.08
1	1	149	SISMA SLO X	4.71	38.85	8.5
1	1	148	SISMA SLO X	7.26	6.31	2.73
1	1	1	SISMA SLO X	8.59	11.17	4.81
1	1	112	SISMA SLO X	5.9	34.83	1.95
1	1	149	SISMA SLO Y	3.53	17.58	9.81
1	1	148	SISMA SLO Y	11.26	3.75	5.41
1	1	1	SISMA SLO Y	12.46	9.27	3.22
1	1	112	SISMA SLO Y	4.89	21.31	1.72
1	1	149	SLT	0.	0.	0.
1	1	148	SLT	0.	0.	0.
1	1	1	SLT	0.	0.	0.
1	1	112	SLT	0.	0.	0.
1	1	149	~TorsionSISMA SLV X	0.	0.	0.
1	1	148	~TorsionSISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
1	1	1	~TorsionSISMA SLV X	0.	0.	0.
1	1	112	~TorsionSISMA SLV X	0.	0.	0.
1	1	149	~TorsionSISMA SLV Y	0.	0.	0.
1	1	148	~TorsionSISMA SLV Y	0.	0.	0.
1	1	1	~TorsionSISMA SLV Y	0.	0.	0.
1	1	112	~TorsionSISMA SLV Y	0.	0.	0.
1	1	149	~TorsionSISMA SLD X	0.	0.	0.
1	1	148	~TorsionSISMA SLD X	0.	0.	0.
1	1	1	~TorsionSISMA SLD X	0.	0.	0.
1	1	112	~TorsionSISMA SLD X	0.	0.	0.
1	1	149	~TorsionSISMA SLD Y	0.	0.	0.
1	1	148	~TorsionSISMA SLD Y	0.	0.	0.
1	1	1	~TorsionSISMA SLD Y	0.	0.	0.
1	1	112	~TorsionSISMA SLD Y	0.	0.	0.
1	1	149	~TorsionSISMA SLO X	0.	0.	0.
1	1	148	~TorsionSISMA SLO X	0.	0.	0.
1	1	1	~TorsionSISMA SLO X	0.	0.	0.
1	1	112	~TorsionSISMA SLO X	0.	0.	0.
1	1	149	~TorsionSISMA SLO Y	0.	0.	0.
1	1	148	~TorsionSISMA SLO Y	0.	0.	0.
1	1	1	~TorsionSISMA SLO Y	0.	0.	0.
1	1	112	~TorsionSISMA SLO Y	0.	0.	0.
2	2	112	G1_K	79.03	-51.51	43.7
2	2	1	G1_K	120.85	21.25	10.45
2	2	105	G1_K	-17.33	-97.52	35.57
2	2	110	G1_K	-56.54	-172.02	68.82
2	2	112	G2_K	-146.49	47.04	77.45
2	2	1	G2_K	-218.86	-59.1	93.37
2	2	105	G2_K	-40.	15.86	3.21
2	2	110	G2_K	30.4	124.14	-12.72
2	2	112	Q_K	48.14	-31.67	25.25
2	2	1	Q_K	75.97	19.77	2.45
2	2	105	Q_K	-9.13	-57.23	21.51
2	2	110	Q_K	-35.26	-109.79	44.3
2	2	112	N_K	5.78	-3.8	3.03
2	2	1	N_K	9.12	2.37	0.29

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2	2	105	N_K	-1.1	-6.87	2.58
2	2	110	N_K	-4.23	-13.17	5.32
2	2	112	T+_K	0.	0.	0.
2	2	1	T+_K	0.	0.	0.
2	2	105	T+_K	0.	0.	0.
2	2	110	T+_K	0.	0.	0.
2	2	112	T-_K	0.	0.	0.
2	2	1	T-_K	0.	0.	0.
2	2	105	T-_K	0.	0.	0.
2	2	110	T-_K	0.	0.	0.
2	2	112	G1_D	102.74	-66.96	56.81
2	2	1	G1_D	157.11	27.62	13.59
2	2	105	G1_D	-22.52	-126.78	46.24
2	2	110	G1_D	-73.5	-223.63	89.46
2	2	112	G2_D	-190.43	61.15	100.68
2	2	1	G2_D	-284.52	-76.83	121.38
2	2	105	G2_D	-52.	20.61	4.17
2	2	110	G2_D	39.52	161.39	-16.53
2	2	112	Q_D	72.21	-47.5	37.87
2	2	1	Q_D	113.96	29.65	3.68
2	2	105	Q_D	-13.69	-85.84	32.27
2	2	110	Q_D	-52.89	-164.68	66.46
2	2	112	N_D	8.67	-5.7	4.54
2	2	1	N_D	13.67	3.56	0.44
2	2	105	N_D	-1.64	-10.3	3.87
2	2	110	N_D	-6.35	-19.76	7.97
2	2	112	T+_D	0.	0.	0.
2	2	1	T+_D	0.	0.	0.
2	2	105	T+_D	0.	0.	0.
2	2	110	T+_D	0.	0.	0.
2	2	112	T-_D	0.	0.	0.
2	2	1	T-_D	0.	0.	0.
2	2	105	T-_D	0.	0.	0.
2	2	110	T-_D	0.	0.	0.
2	2	112	W+_K	0.	0.	0.
2	2	1	W+_K	0.	0.	0.
2	2	105	W+_K	0.	0.	0.
2	2	110	W+_K	0.	0.	0.
2	2	112	W-_K	0.	0.	0.
2	2	1	W-_K	0.	0.	0.
2	2	105	W-_K	0.	0.	0.
2	2	110	W-_K	0.	0.	0.
2	2	112	W+_D	0.	0.	0.
2	2	1	W+_D	0.	0.	0.
2	2	105	W+_D	0.	0.	0.
2	2	110	W+_D	0.	0.	0.
2	2	112	W-_D	0.	0.	0.
2	2	1	W-_D	0.	0.	0.
2	2	105	W-_D	0.	0.	0.
2	2	110	W-_D	0.	0.	0.
2	2	112	SISMA SLV X	15.79	38.33	10.85
2	2	1	SISMA SLV X	21.5	6.8	7.04
2	2	105	SISMA SLV X	12.42	18.72	5.82
2	2	110	SISMA SLV X	8.31	34.59	12.75

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2	2	112	SISMA SLV Y	22.74	17.79	13.92
2	2	1	SISMA SLV Y	32.27	4.39	4.8
2	2	105	SISMA SLV Y	17.23	21.18	2.63
2	2	110	SISMA SLV Y	7.69	22.05	17.86
2	2	112	SISMA SLD X	7.71	18.72	5.3
2	2	1	SISMA SLD X	10.5	3.32	3.44
2	2	105	SISMA SLD X	6.06	9.14	2.84
2	2	110	SISMA SLD X	4.06	16.89	6.23
2	2	112	SISMA SLD Y	11.11	8.69	6.8
2	2	1	SISMA SLD Y	15.76	2.15	2.34
2	2	105	SISMA SLD Y	8.42	10.34	1.28
2	2	110	SISMA SLD Y	3.76	10.77	8.72
2	2	112	SISMA SLO X	6.39	15.51	4.39
2	2	1	SISMA SLO X	8.7	2.75	2.85
2	2	105	SISMA SLO X	5.02	7.57	2.36
2	2	110	SISMA SLO X	3.36	14.	5.16
2	2	112	SISMA SLO Y	9.2	7.2	5.63
2	2	1	SISMA SLO Y	13.05	1.78	1.94
2	2	105	SISMA SLO Y	6.97	8.57	1.06
2	2	110	SISMA SLO Y	3.11	8.92	7.22
2	2	112	SLT	0.	0.	0.
2	2	1	SLT	0.	0.	0.
2	2	105	SLT	0.	0.	0.
2	2	110	SLT	0.	0.	0.
2	2	112	~TorsionSISMA SLV X	0.	0.	0.
2	2	1	~TorsionSISMA SLV X	0.	0.	0.
2	2	105	~TorsionSISMA SLV X	0.	0.	0.
2	2	110	~TorsionSISMA SLV X	0.	0.	0.
2	2	112	~TorsionSISMA SLV Y	0.	0.	0.
2	2	1	~TorsionSISMA SLV Y	0.	0.	0.
2	2	105	~TorsionSISMA SLV Y	0.	0.	0.
2	2	110	~TorsionSISMA SLV Y	0.	0.	0.
2	2	112	~TorsionSISMA SLD X	0.	0.	0.
2	2	1	~TorsionSISMA SLD X	0.	0.	0.
2	2	105	~TorsionSISMA SLD X	0.	0.	0.
2	2	110	~TorsionSISMA SLD X	0.	0.	0.
2	2	112	~TorsionSISMA SLD Y	0.	0.	0.
2	2	1	~TorsionSISMA SLD Y	0.	0.	0.
2	2	105	~TorsionSISMA SLD Y	0.	0.	0.
2	2	110	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
2	2	112	~TorsionSISMA SLO X	0.	0.	0.
2	2	1	~TorsionSISMA SLO X	0.	0.	0.
2	2	105	~TorsionSISMA SLO X	0.	0.	0.
2	2	110	~TorsionSISMA SLO X	0.	0.	0.
2	2	112	~TorsionSISMA SLO Y	0.	0.	0.
2	2	1	~TorsionSISMA SLO Y	0.	0.	0.
2	2	105	~TorsionSISMA SLO Y	0.	0.	0.
2	2	110	~TorsionSISMA SLO Y	0.	0.	0.
3	3	138	G1_K	74.23	5.67	-7.86
3	3	137	G1_K	10.25	-62.37	-5.91
3	3	2	G1_K	-3.07	-106.85	-1.23
3	3	15	G1_K	60.97	-39.09	-3.18
3	3	138	G2_K	-3.12	-10.92	-21.47
3	3	137	G2_K	-5.05	0.61	-22.51
3	3	2	G2_K	0.84	9.6	-23.68
3	3	15	G2_K	2.64	-0.97	-22.64
3	3	138	Q_K	47.38	15.17	-5.38
3	3	137	Q_K	5.87	-26.74	-4.25
3	3	2	Q_K	-1.12	-55.67	-1.32
3	3	15	Q_K	40.43	-13.92	-2.45
3	3	138	N_K	5.69	1.82	-0.65
3	3	137	N_K	0.7	-3.21	-0.51
3	3	2	N_K	-0.13	-6.68	-0.16
3	3	15	N_K	4.85	-1.67	-0.29
3	3	138	T+_K	0.	0.	0.
3	3	137	T+_K	0.	0.	0.
3	3	2	T+_K	0.	0.	0.
3	3	15	T+_K	0.	0.	0.
3	3	138	T-_K	0.	0.	0.
3	3	137	T-_K	0.	0.	0.
3	3	2	T-_K	0.	0.	0.
3	3	15	T-_K	0.	0.	0.
3	3	138	G1_D	96.49	7.37	-10.22
3	3	137	G1_D	13.32	-81.08	-7.68
3	3	2	G1_D	-3.99	-138.9	-1.6
3	3	15	G1_D	79.26	-50.81	-4.14
3	3	138	G2_D	-4.06	-14.19	-27.91
3	3	137	G2_D	-6.56	0.79	-29.27
3	3	2	G2_D	1.09	12.47	-30.79
3	3	15	G2_D	3.43	-1.26	-29.43
3	3	138	Q_D	71.08	22.75	-8.07
3	3	137	Q_D	8.8	-40.1	-6.37
3	3	2	Q_D	-1.67	-83.51	-1.98
3	3	15	Q_D	60.64	-20.88	-3.68
3	3	138	N_D	8.53	2.73	-0.97
3	3	137	N_D	1.06	-4.81	-0.76
3	3	2	N_D	-0.2	-10.02	-0.24
3	3	15	N_D	7.28	-2.51	-0.44

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
3	3	138	T+_D	0.	0.	0.
3	3	137	T+_D	0.	0.	0.
3	3	2	T+_D	0.	0.	0.
3	3	15	T+_D	0.	0.	0.
3	3	138	T-_D	0.	0.	0.
3	3	137	T-_D	0.	0.	0.
3	3	2	T-_D	0.	0.	0.
3	3	15	T-_D	0.	0.	0.
3	3	138	W+_K	0.	0.	0.
3	3	137	W+_K	0.	0.	0.
3	3	2	W+_K	0.	0.	0.
3	3	15	W+_K	0.	0.	0.
3	3	138	W-_K	0.	0.	0.
3	3	137	W-_K	0.	0.	0.
3	3	2	W-_K	0.	0.	0.
3	3	15	W-_K	0.	0.	0.
3	3	138	W+_D	0.	0.	0.
3	3	137	W+_D	0.	0.	0.
3	3	2	W+_D	0.	0.	0.
3	3	15	W+_D	0.	0.	0.
3	3	138	W-_D	0.	0.	0.
3	3	137	W-_D	0.	0.	0.
3	3	2	W-_D	0.	0.	0.
3	3	15	W-_D	0.	0.	0.
3	3	138	SISMA SLV X	31.86	4.61	14.93
3	3	137	SISMA SLV X	9.84	9.44	24.98
3	3	2	SISMA SLV X	6.6	13.5	19.24
3	3	15	SISMA SLV X	24.99	4.99	8.83
3	3	138	SISMA SLV Y	25.43	3.7	11.31
3	3	137	SISMA SLV Y	9.98	18.05	12.75
3	3	2	SISMA SLV Y	13.57	23.62	8.78
3	3	15	SISMA SLV Y	19.96	10.	4.67
3	3	138	SISMA SLD X	15.56	2.25	7.29
3	3	137	SISMA SLD X	4.81	4.61	12.2
3	3	2	SISMA SLD X	3.22	6.6	9.4
3	3	15	SISMA SLD X	12.21	2.44	4.31
3	3	138	SISMA SLD Y	12.42	1.81	5.53
3	3	137	SISMA SLD Y	4.87	8.82	6.23
3	3	2	SISMA SLD Y	6.63	11.53	4.29
3	3	15	SISMA SLD Y	9.75	4.88	2.28
3	3	138	SISMA SLO X	12.89	1.87	6.04
3	3	137	SISMA SLO X	3.98	3.82	10.11
3	3	2	SISMA SLO X	2.67	5.46	7.78
3	3	15	SISMA SLO X	10.11	2.02	3.57
3	3	138	SISMA SLO Y	10.29	1.5	4.58
3	3	137	SISMA SLO Y	4.03	7.3	5.16
3	3	2	SISMA SLO Y	5.49	9.55	3.55
3	3	15	SISMA SLO Y	8.08	4.04	1.89
3	3	138	SLT	0.	0.	0.
3	3	137	SLT	0.	0.	0.
3	3	2	SLT	0.	0.	0.
3	3	15	SLT	0.	0.	0.
3	3	138	~TorsionSISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
3	3	137	~TorsionSISMA SLV X	0.	0.	0.
3	3	2	~TorsionSISMA SLV X	0.	0.	0.
3	3	15	~TorsionSISMA SLV X	0.	0.	0.
3	3	138	~TorsionSISMA SLV Y	0.	0.	0.
3	3	137	~TorsionSISMA SLV Y	0.	0.	0.
3	3	2	~TorsionSISMA SLV Y	0.	0.	0.
3	3	15	~TorsionSISMA SLV Y	0.	0.	0.
3	3	138	~TorsionSISMA SLD X	0.	0.	0.
3	3	137	~TorsionSISMA SLD X	0.	0.	0.
3	3	2	~TorsionSISMA SLD X	0.	0.	0.
3	3	15	~TorsionSISMA SLD X	0.	0.	0.
3	3	138	~TorsionSISMA SLD Y	0.	0.	0.
3	3	137	~TorsionSISMA SLD Y	0.	0.	0.
3	3	2	~TorsionSISMA SLD Y	0.	0.	0.
3	3	15	~TorsionSISMA SLD Y	0.	0.	0.
3	3	138	~TorsionSISMA SLO X	0.	0.	0.
3	3	137	~TorsionSISMA SLO X	0.	0.	0.
3	3	2	~TorsionSISMA SLO X	0.	0.	0.
3	3	15	~TorsionSISMA SLO X	0.	0.	0.
3	3	138	~TorsionSISMA SLO Y	0.	0.	0.
3	3	137	~TorsionSISMA SLO Y	0.	0.	0.
3	3	2	~TorsionSISMA SLO Y	0.	0.	0.
3	3	15	~TorsionSISMA SLO Y	0.	0.	0.
4	4	101	G1_K	0.	0.	0.
4	4	172	G1_K	0.	0.	0.
4	4	3	G1_K	0.	0.	0.
4	4	4	G1_K	0.	0.	0.
4	4	101	G2_K	0.	0.	0.
4	4	172	G2_K	0.	0.	0.
4	4	3	G2_K	0.	0.	0.
4	4	4	G2_K	0.	0.	0.
4	4	101	Q_K	0.	0.	0.
4	4	172	Q_K	0.	0.	0.
4	4	3	Q_K	0.	0.	0.
4	4	4	Q_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
4	4	101	N_K	0.	0.	0.
4	4	172	N_K	0.	0.	0.
4	4	3	N_K	0.	0.	0.
4	4	4	N_K	0.	0.	0.
4	4	101	T+_K	0.	0.	0.
4	4	172	T+_K	0.	0.	0.
4	4	3	T+_K	0.	0.	0.
4	4	4	T+_K	0.	0.	0.
4	4	101	T-_K	0.	0.	0.
4	4	172	T-_K	0.	0.	0.
4	4	3	T-_K	0.	0.	0.
4	4	4	T-_K	0.	0.	0.
4	4	101	G1_D	0.	0.	0.
4	4	172	G1_D	0.	0.	0.
4	4	3	G1_D	0.	0.	0.
4	4	4	G1_D	0.	0.	0.
4	4	101	G2_D	0.	0.	0.
4	4	172	G2_D	0.	0.	0.
4	4	3	G2_D	0.	0.	0.
4	4	4	G2_D	0.	0.	0.
4	4	101	Q_D	0.	0.	0.
4	4	172	Q_D	0.	0.	0.
4	4	3	Q_D	0.	0.	0.
4	4	4	Q_D	0.	0.	0.
4	4	101	N_D	0.	0.	0.
4	4	172	N_D	0.	0.	0.
4	4	3	N_D	0.	0.	0.
4	4	4	N_D	0.	0.	0.
4	4	101	T+_D	0.	0.	0.
4	4	172	T+_D	0.	0.	0.
4	4	3	T+_D	0.	0.	0.
4	4	4	T+_D	0.	0.	0.
4	4	101	T-_D	0.	0.	0.
4	4	172	T-_D	0.	0.	0.
4	4	3	T-_D	0.	0.	0.
4	4	4	T-_D	0.	0.	0.
4	4	101	W+_K	0.	0.	0.
4	4	172	W+_K	0.	0.	0.
4	4	3	W+_K	0.	0.	0.
4	4	4	W+_K	0.	0.	0.
4	4	101	W-_K	0.	0.	0.
4	4	172	W-_K	0.	0.	0.
4	4	3	W-_K	0.	0.	0.
4	4	4	W-_K	0.	0.	0.
4	4	101	W+_D	0.	0.	0.
4	4	172	W+_D	0.	0.	0.
4	4	3	W+_D	0.	0.	0.
4	4	4	W+_D	0.	0.	0.
4	4	101	W-_D	0.	0.	0.
4	4	172	W-_D	0.	0.	0.
4	4	3	W-_D	0.	0.	0.
4	4	4	W-_D	0.	0.	0.
4	4	101	SISMA SLV X	0.	0.	0.
4	4	172	SISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
4	4	3	SISMA SLV X	0.	0.	0.
4	4	4	SISMA SLV X	0.	0.	0.
4	4	101	SISMA SLV Y	0.	0.	0.
4	4	172	SISMA SLV Y	0.	0.	0.
4	4	3	SISMA SLV Y	0.	0.	0.
4	4	4	SISMA SLV Y	0.	0.	0.
4	4	101	SISMA SLD X	0.	0.	0.
4	4	172	SISMA SLD X	0.	0.	0.
4	4	3	SISMA SLD X	0.	0.	0.
4	4	4	SISMA SLD X	0.	0.	0.
4	4	101	SISMA SLD Y	0.	0.	0.
4	4	172	SISMA SLD Y	0.	0.	0.
4	4	3	SISMA SLD Y	0.	0.	0.
4	4	4	SISMA SLD Y	0.	0.	0.
4	4	101	SISMA SLO X	0.	0.	0.
4	4	172	SISMA SLO X	0.	0.	0.
4	4	3	SISMA SLO X	0.	0.	0.
4	4	4	SISMA SLO X	0.	0.	0.
4	4	101	SISMA SLO Y	0.	0.	0.
4	4	172	SISMA SLO Y	0.	0.	0.
4	4	3	SISMA SLO Y	0.	0.	0.
4	4	4	SISMA SLO Y	0.	0.	0.
4	4	101	SLT	0.	0.	0.
4	4	172	SLT	0.	0.	0.
4	4	3	SLT	0.	0.	0.
4	4	4	SLT	0.	0.	0.
4	4	101	~TorsionSISMA SLV X	0.	0.	0.
4	4	172	~TorsionSISMA SLV X	0.	0.	0.
4	4	3	~TorsionSISMA SLV X	0.	0.	0.
4	4	4	~TorsionSISMA SLV X	0.	0.	0.
4	4	101	~TorsionSISMA SLV Y	0.	0.	0.
4	4	172	~TorsionSISMA SLV Y	0.	0.	0.
4	4	3	~TorsionSISMA SLV Y	0.	0.	0.
4	4	4	~TorsionSISMA SLV Y	0.	0.	0.
4	4	101	~TorsionSISMA SLD X	0.	0.	0.
4	4	172	~TorsionSISMA SLD X	0.	0.	0.
4	4	3	~TorsionSISMA SLD X	0.	0.	0.
4	4	4	~TorsionSISMA SLD X	0.	0.	0.
4	4	101	~TorsionSISMA SLD Y	0.	0.	0.
4	4	172	~TorsionSISMA SLD Y	0.	0.	0.
4	4	3	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
4	4	4	~TorsionSISMA SLD Y	0.	0.	0.
4	4	101	~TorsionSISMA SLO X	0.	0.	0.
4	4	172	~TorsionSISMA SLO X	0.	0.	0.
4	4	3	~TorsionSISMA SLO X	0.	0.	0.
4	4	4	~TorsionSISMA SLO X	0.	0.	0.
4	4	101	~TorsionSISMA SLO Y	0.	0.	0.
4	4	172	~TorsionSISMA SLO Y	0.	0.	0.
4	4	3	~TorsionSISMA SLO Y	0.	0.	0.
4	4	4	~TorsionSISMA SLO Y	0.	0.	0.
5	5	172	G1_K	0.	0.	0.
5	5	175	G1_K	0.	0.	0.
5	5	5	G1_K	0.	0.	0.
5	5	3	G1_K	0.	0.	0.
5	5	172	G2_K	0.	0.	0.
5	5	175	G2_K	0.	0.	0.
5	5	5	G2_K	0.	0.	0.
5	5	3	G2_K	0.	0.	0.
5	5	172	Q_K	0.	0.	0.
5	5	175	Q_K	0.	0.	0.
5	5	5	Q_K	0.	0.	0.
5	5	3	Q_K	0.	0.	0.
5	5	172	N_K	0.	0.	0.
5	5	175	N_K	0.	0.	0.
5	5	5	N_K	0.	0.	0.
5	5	3	N_K	0.	0.	0.
5	5	172	T+_K	0.	0.	0.
5	5	175	T+_K	0.	0.	0.
5	5	5	T+_K	0.	0.	0.
5	5	3	T+_K	0.	0.	0.
5	5	172	T-_K	0.	0.	0.
5	5	175	T-_K	0.	0.	0.
5	5	5	T-_K	0.	0.	0.
5	5	3	T-_K	0.	0.	0.
5	5	172	G1_D	0.	0.	0.
5	5	175	G1_D	0.	0.	0.
5	5	5	G1_D	0.	0.	0.
5	5	3	G1_D	0.	0.	0.
5	5	172	G2_D	0.	0.	0.
5	5	175	G2_D	0.	0.	0.
5	5	5	G2_D	0.	0.	0.
5	5	3	G2_D	0.	0.	0.
5	5	172	Q_D	0.	0.	0.
5	5	175	Q_D	0.	0.	0.
5	5	5	Q_D	0.	0.	0.
5	5	3	Q_D	0.	0.	0.
5	5	172	N_D	0.	0.	0.
5	5	175	N_D	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
5	5	5	N_D	0.	0.	0.
5	5	3	N_D	0.	0.	0.
5	5	172	T+_D	0.	0.	0.
5	5	175	T+_D	0.	0.	0.
5	5	5	T+_D	0.	0.	0.
5	5	3	T+_D	0.	0.	0.
5	5	172	T-_D	0.	0.	0.
5	5	175	T-_D	0.	0.	0.
5	5	5	T-_D	0.	0.	0.
5	5	3	T-_D	0.	0.	0.
5	5	172	W+_K	0.	0.	0.
5	5	175	W+_K	0.	0.	0.
5	5	5	W+_K	0.	0.	0.
5	5	3	W+_K	0.	0.	0.
5	5	172	W-_K	0.	0.	0.
5	5	175	W-_K	0.	0.	0.
5	5	5	W-_K	0.	0.	0.
5	5	3	W-_K	0.	0.	0.
5	5	172	W+_D	0.	0.	0.
5	5	175	W+_D	0.	0.	0.
5	5	5	W+_D	0.	0.	0.
5	5	3	W+_D	0.	0.	0.
5	5	172	W-_D	0.	0.	0.
5	5	175	W-_D	0.	0.	0.
5	5	5	W-_D	0.	0.	0.
5	5	3	W-_D	0.	0.	0.
5	5	172	SISMA SLV X	0.	0.	0.
5	5	175	SISMA SLV X	0.	0.	0.
5	5	5	SISMA SLV X	0.	0.	0.
5	5	3	SISMA SLV X	0.	0.	0.
5	5	172	SISMA SLV Y	0.	0.	0.
5	5	175	SISMA SLV Y	0.	0.	0.
5	5	5	SISMA SLV Y	0.	0.	0.
5	5	3	SISMA SLV Y	0.	0.	0.
5	5	172	SISMA SLD X	0.	0.	0.
5	5	175	SISMA SLD X	0.	0.	0.
5	5	5	SISMA SLD X	0.	0.	0.
5	5	3	SISMA SLD X	0.	0.	0.
5	5	172	SISMA SLD Y	0.	0.	0.
5	5	175	SISMA SLD Y	0.	0.	0.
5	5	5	SISMA SLD Y	0.	0.	0.
5	5	3	SISMA SLD Y	0.	0.	0.
5	5	172	SISMA SLO X	0.	0.	0.
5	5	175	SISMA SLO X	0.	0.	0.
5	5	5	SISMA SLO X	0.	0.	0.
5	5	3	SISMA SLO X	0.	0.	0.
5	5	172	SISMA SLO Y	0.	0.	0.
5	5	175	SISMA SLO Y	0.	0.	0.
5	5	5	SISMA SLO Y	0.	0.	0.
5	5	3	SISMA SLO Y	0.	0.	0.
5	5	172	SLT	0.	0.	0.
5	5	175	SLT	0.	0.	0.
5	5	5	SLT	0.	0.	0.
5	5	3	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
5	5	172	~TorsionSISMA SLV X	0.	0.	0.
5	5	175	~TorsionSISMA SLV X	0.	0.	0.
5	5	5	~TorsionSISMA SLV X	0.	0.	0.
5	5	3	~TorsionSISMA SLV X	0.	0.	0.
5	5	172	~TorsionSISMA SLV Y	0.	0.	0.
5	5	175	~TorsionSISMA SLV Y	0.	0.	0.
5	5	5	~TorsionSISMA SLV Y	0.	0.	0.
5	5	3	~TorsionSISMA SLV Y	0.	0.	0.
5	5	172	~TorsionSISMA SLD X	0.	0.	0.
5	5	175	~TorsionSISMA SLD X	0.	0.	0.
5	5	5	~TorsionSISMA SLD X	0.	0.	0.
5	5	3	~TorsionSISMA SLD X	0.	0.	0.
5	5	172	~TorsionSISMA SLD Y	0.	0.	0.
5	5	175	~TorsionSISMA SLD Y	0.	0.	0.
5	5	5	~TorsionSISMA SLD Y	0.	0.	0.
5	5	3	~TorsionSISMA SLD Y	0.	0.	0.
5	5	172	~TorsionSISMA SLO X	0.	0.	0.
5	5	175	~TorsionSISMA SLO X	0.	0.	0.
5	5	5	~TorsionSISMA SLO X	0.	0.	0.
5	5	3	~TorsionSISMA SLO X	0.	0.	0.
5	5	172	~TorsionSISMA SLO Y	0.	0.	0.
5	5	175	~TorsionSISMA SLO Y	0.	0.	0.
5	5	5	~TorsionSISMA SLO Y	0.	0.	0.
5	5	3	~TorsionSISMA SLO Y	0.	0.	0.
6	6	175	G1_K	0.	0.	0.
6	6	178	G1_K	0.	0.	0.
6	6	6	G1_K	0.	0.	0.
6	6	5	G1_K	0.	0.	0.
6	6	175	G2_K	0.	0.	0.
6	6	178	G2_K	0.	0.	0.
6	6	6	G2_K	0.	0.	0.
6	6	5	G2_K	0.	0.	0.
6	6	175	Q_K	0.	0.	0.
6	6	178	Q_K	0.	0.	0.
6	6	6	Q_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
6	6	5	Q_K	0.	0.	0.
6	6	175	N_K	0.	0.	0.
6	6	178	N_K	0.	0.	0.
6	6	6	N_K	0.	0.	0.
6	6	5	N_K	0.	0.	0.
6	6	175	T+_K	0.	0.	0.
6	6	178	T+_K	0.	0.	0.
6	6	6	T+_K	0.	0.	0.
6	6	5	T+_K	0.	0.	0.
6	6	175	T-_K	0.	0.	0.
6	6	178	T-_K	0.	0.	0.
6	6	6	T-_K	0.	0.	0.
6	6	5	T-_K	0.	0.	0.
6	6	175	G1_D	0.	0.	0.
6	6	178	G1_D	0.	0.	0.
6	6	6	G1_D	0.	0.	0.
6	6	5	G1_D	0.	0.	0.
6	6	175	G2_D	0.	0.	0.
6	6	178	G2_D	0.	0.	0.
6	6	6	G2_D	0.	0.	0.
6	6	5	G2_D	0.	0.	0.
6	6	175	Q_D	0.	0.	0.
6	6	178	Q_D	0.	0.	0.
6	6	6	Q_D	0.	0.	0.
6	6	5	Q_D	0.	0.	0.
6	6	175	N_D	0.	0.	0.
6	6	178	N_D	0.	0.	0.
6	6	6	N_D	0.	0.	0.
6	6	5	N_D	0.	0.	0.
6	6	175	T+_D	0.	0.	0.
6	6	178	T+_D	0.	0.	0.
6	6	6	T+_D	0.	0.	0.
6	6	5	T+_D	0.	0.	0.
6	6	175	T-_D	0.	0.	0.
6	6	178	T-_D	0.	0.	0.
6	6	6	T-_D	0.	0.	0.
6	6	5	T-_D	0.	0.	0.
6	6	175	W+_K	0.	0.	0.
6	6	178	W+_K	0.	0.	0.
6	6	6	W+_K	0.	0.	0.
6	6	5	W+_K	0.	0.	0.
6	6	175	W-_K	0.	0.	0.
6	6	178	W-_K	0.	0.	0.
6	6	6	W-_K	0.	0.	0.
6	6	5	W-_K	0.	0.	0.
6	6	175	W+_D	0.	0.	0.
6	6	178	W+_D	0.	0.	0.
6	6	6	W+_D	0.	0.	0.
6	6	5	W+_D	0.	0.	0.
6	6	175	W-_D	0.	0.	0.
6	6	178	W-_D	0.	0.	0.
6	6	6	W-_D	0.	0.	0.
6	6	5	W-_D	0.	0.	0.
6	6	175	SISMA SLV X	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
6	6	178	SISMA SLV X	0.	0.	0.
6	6	6	SISMA SLV X	0.	0.	0.
6	6	5	SISMA SLV X	0.	0.	0.
6	6	175	SISMA SLV Y	0.	0.	0.
6	6	178	SISMA SLV Y	0.	0.	0.
6	6	6	SISMA SLV Y	0.	0.	0.
6	6	5	SISMA SLV Y	0.	0.	0.
6	6	175	SISMA SLD X	0.	0.	0.
6	6	178	SISMA SLD X	0.	0.	0.
6	6	6	SISMA SLD X	0.	0.	0.
6	6	5	SISMA SLD X	0.	0.	0.
6	6	175	SISMA SLD Y	0.	0.	0.
6	6	178	SISMA SLD Y	0.	0.	0.
6	6	6	SISMA SLD Y	0.	0.	0.
6	6	5	SISMA SLD Y	0.	0.	0.
6	6	175	SISMA SLO X	0.	0.	0.
6	6	178	SISMA SLO X	0.	0.	0.
6	6	6	SISMA SLO X	0.	0.	0.
6	6	5	SISMA SLO X	0.	0.	0.
6	6	175	SISMA SLO Y	0.	0.	0.
6	6	178	SISMA SLO Y	0.	0.	0.
6	6	6	SISMA SLO Y	0.	0.	0.
6	6	5	SISMA SLO Y	0.	0.	0.
6	6	175	SLT	0.	0.	0.
6	6	178	SLT	0.	0.	0.
6	6	6	SLT	0.	0.	0.
6	6	5	SLT	0.	0.	0.
6	6	175	~TorsionSISMA SLV X	0.	0.	0.
6	6	178	~TorsionSISMA SLV X	0.	0.	0.
6	6	6	~TorsionSISMA SLV X	0.	0.	0.
6	6	5	~TorsionSISMA SLV X	0.	0.	0.
6	6	175	~TorsionSISMA SLV Y	0.	0.	0.
6	6	178	~TorsionSISMA SLV Y	0.	0.	0.
6	6	6	~TorsionSISMA SLV Y	0.	0.	0.
6	6	5	~TorsionSISMA SLV Y	0.	0.	0.
6	6	175	~TorsionSISMA SLD X	0.	0.	0.
6	6	178	~TorsionSISMA SLD X	0.	0.	0.
6	6	6	~TorsionSISMA SLD X	0.	0.	0.
6	6	5	~TorsionSISMA SLD X	0.	0.	0.
6	6	175	~TorsionSISMA SLD Y	0.	0.	0.
6	6	178	~TorsionSISMA SLD Y	0.	0.	0.
6	6	6	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
6	6	5	~TorsionSISMA SLD Y	0.	0.	0.
6	6	175	~TorsionSISMA SLO X	0.	0.	0.
6	6	178	~TorsionSISMA SLO X	0.	0.	0.
6	6	6	~TorsionSISMA SLO X	0.	0.	0.
6	6	5	~TorsionSISMA SLO X	0.	0.	0.
6	6	175	~TorsionSISMA SLO Y	0.	0.	0.
6	6	178	~TorsionSISMA SLO Y	0.	0.	0.
6	6	6	~TorsionSISMA SLO Y	0.	0.	0.
6	6	5	~TorsionSISMA SLO Y	0.	0.	0.
7	7	178	G1_K	0.	0.	0.
7	7	100	G1_K	0.	0.	0.
7	7	161	G1_K	0.	0.	0.
7	7	6	G1_K	0.	0.	0.
7	7	178	G2_K	0.	0.	0.
7	7	100	G2_K	0.	0.	0.
7	7	161	G2_K	0.	0.	0.
7	7	6	G2_K	0.	0.	0.
7	7	178	Q_K	0.	0.	0.
7	7	100	Q_K	0.	0.	0.
7	7	161	Q_K	0.	0.	0.
7	7	6	Q_K	0.	0.	0.
7	7	178	N_K	0.	0.	0.
7	7	100	N_K	0.	0.	0.
7	7	161	N_K	0.	0.	0.
7	7	6	N_K	0.	0.	0.
7	7	178	T+_K	0.	0.	0.
7	7	100	T+_K	0.	0.	0.
7	7	161	T+_K	0.	0.	0.
7	7	6	T+_K	0.	0.	0.
7	7	178	T-_K	0.	0.	0.
7	7	100	T-_K	0.	0.	0.
7	7	161	T-_K	0.	0.	0.
7	7	6	T-_K	0.	0.	0.
7	7	178	G1_D	0.	0.	0.
7	7	100	G1_D	0.	0.	0.
7	7	161	G1_D	0.	0.	0.
7	7	6	G1_D	0.	0.	0.
7	7	178	G2_D	0.	0.	0.
7	7	100	G2_D	0.	0.	0.
7	7	161	G2_D	0.	0.	0.
7	7	6	G2_D	0.	0.	0.
7	7	178	Q_D	0.	0.	0.
7	7	100	Q_D	0.	0.	0.
7	7	161	Q_D	0.	0.	0.
7	7	6	Q_D	0.	0.	0.
7	7	178	N_D	0.	0.	0.
7	7	100	N_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
7	7	161	N_D	0.	0.	0.
7	7	6	N_D	0.	0.	0.
7	7	178	T+_D	0.	0.	0.
7	7	100	T+_D	0.	0.	0.
7	7	161	T+_D	0.	0.	0.
7	7	6	T+_D	0.	0.	0.
7	7	178	T-_D	0.	0.	0.
7	7	100	T-_D	0.	0.	0.
7	7	161	T-_D	0.	0.	0.
7	7	6	T-_D	0.	0.	0.
7	7	178	W+_K	0.	0.	0.
7	7	100	W+_K	0.	0.	0.
7	7	161	W+_K	0.	0.	0.
7	7	6	W+_K	0.	0.	0.
7	7	178	W-_K	0.	0.	0.
7	7	100	W-_K	0.	0.	0.
7	7	161	W-_K	0.	0.	0.
7	7	6	W-_K	0.	0.	0.
7	7	178	W+_D	0.	0.	0.
7	7	100	W+_D	0.	0.	0.
7	7	161	W+_D	0.	0.	0.
7	7	6	W+_D	0.	0.	0.
7	7	178	W-_D	0.	0.	0.
7	7	100	W-_D	0.	0.	0.
7	7	161	W-_D	0.	0.	0.
7	7	6	W-_D	0.	0.	0.
7	7	178	SISMA SLV X	0.	0.	0.
7	7	100	SISMA SLV X	0.	0.	0.
7	7	161	SISMA SLV X	0.	0.	0.
7	7	6	SISMA SLV X	0.	0.	0.
7	7	178	SISMA SLV Y	0.	0.	0.
7	7	100	SISMA SLV Y	0.	0.	0.
7	7	161	SISMA SLV Y	0.	0.	0.
7	7	6	SISMA SLV Y	0.	0.	0.
7	7	178	SISMA SLD X	0.	0.	0.
7	7	100	SISMA SLD X	0.	0.	0.
7	7	161	SISMA SLD X	0.	0.	0.
7	7	6	SISMA SLD X	0.	0.	0.
7	7	178	SISMA SLD Y	0.	0.	0.
7	7	100	SISMA SLD Y	0.	0.	0.
7	7	161	SISMA SLD Y	0.	0.	0.
7	7	6	SISMA SLD Y	0.	0.	0.
7	7	178	SISMA SLO X	0.	0.	0.
7	7	100	SISMA SLO X	0.	0.	0.
7	7	161	SISMA SLO X	0.	0.	0.
7	7	6	SISMA SLO X	0.	0.	0.
7	7	178	SISMA SLO Y	0.	0.	0.
7	7	100	SISMA SLO Y	0.	0.	0.
7	7	161	SISMA SLO Y	0.	0.	0.
7	7	6	SISMA SLO Y	0.	0.	0.
7	7	178	SLT	0.	0.	0.
7	7	100	SLT	0.	0.	0.
7	7	161	SLT	0.	0.	0.
7	7	6	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
7	7	178	~TorsionSISMA SLV X	0.	0.	0.
7	7	100	~TorsionSISMA SLV X	0.	0.	0.
7	7	161	~TorsionSISMA SLV X	0.	0.	0.
7	7	6	~TorsionSISMA SLV X	0.	0.	0.
7	7	178	~TorsionSISMA SLV Y	0.	0.	0.
7	7	100	~TorsionSISMA SLV Y	0.	0.	0.
7	7	161	~TorsionSISMA SLV Y	0.	0.	0.
7	7	6	~TorsionSISMA SLV Y	0.	0.	0.
7	7	178	~TorsionSISMA SLD X	0.	0.	0.
7	7	100	~TorsionSISMA SLD X	0.	0.	0.
7	7	161	~TorsionSISMA SLD X	0.	0.	0.
7	7	6	~TorsionSISMA SLD X	0.	0.	0.
7	7	178	~TorsionSISMA SLD Y	0.	0.	0.
7	7	100	~TorsionSISMA SLD Y	0.	0.	0.
7	7	161	~TorsionSISMA SLD Y	0.	0.	0.
7	7	6	~TorsionSISMA SLD Y	0.	0.	0.
7	7	178	~TorsionSISMA SLO X	0.	0.	0.
7	7	100	~TorsionSISMA SLO X	0.	0.	0.
7	7	161	~TorsionSISMA SLO X	0.	0.	0.
7	7	6	~TorsionSISMA SLO X	0.	0.	0.
7	7	178	~TorsionSISMA SLO Y	0.	0.	0.
7	7	100	~TorsionSISMA SLO Y	0.	0.	0.
7	7	161	~TorsionSISMA SLO Y	0.	0.	0.
7	7	6	~TorsionSISMA SLO Y	0.	0.	0.
8	8	4	G1_K	0.	0.	0.
8	8	3	G1_K	0.	0.	0.
8	8	7	G1_K	0.	0.	0.
8	8	8	G1_K	0.	0.	0.
8	8	4	G2_K	0.	0.	0.
8	8	3	G2_K	0.	0.	0.
8	8	7	G2_K	0.	0.	0.
8	8	8	G2_K	0.	0.	0.
8	8	4	Q_K	0.	0.	0.
8	8	3	Q_K	0.	0.	0.
8	8	7	Q_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
8	8	8	Q_K	0.	0.	0.
8	8	4	N_K	0.	0.	0.
8	8	3	N_K	0.	0.	0.
8	8	7	N_K	0.	0.	0.
8	8	8	N_K	0.	0.	0.
8	8	4	T+_K	0.	0.	0.
8	8	3	T+_K	0.	0.	0.
8	8	7	T+_K	0.	0.	0.
8	8	8	T+_K	0.	0.	0.
8	8	4	T-_K	0.	0.	0.
8	8	3	T-_K	0.	0.	0.
8	8	7	T-_K	0.	0.	0.
8	8	8	T-_K	0.	0.	0.
8	8	4	G1_D	0.	0.	0.
8	8	3	G1_D	0.	0.	0.
8	8	7	G1_D	0.	0.	0.
8	8	8	G1_D	0.	0.	0.
8	8	4	G2_D	0.	0.	0.
8	8	3	G2_D	0.	0.	0.
8	8	7	G2_D	0.	0.	0.
8	8	8	G2_D	0.	0.	0.
8	8	4	Q_D	0.	0.	0.
8	8	3	Q_D	0.	0.	0.
8	8	7	Q_D	0.	0.	0.
8	8	8	Q_D	0.	0.	0.
8	8	4	N_D	0.	0.	0.
8	8	3	N_D	0.	0.	0.
8	8	7	N_D	0.	0.	0.
8	8	8	N_D	0.	0.	0.
8	8	4	T+_D	0.	0.	0.
8	8	3	T+_D	0.	0.	0.
8	8	7	T+_D	0.	0.	0.
8	8	8	T+_D	0.	0.	0.
8	8	4	T-_D	0.	0.	0.
8	8	3	T-_D	0.	0.	0.
8	8	7	T-_D	0.	0.	0.
8	8	8	T-_D	0.	0.	0.
8	8	4	W+_K	0.	0.	0.
8	8	3	W+_K	0.	0.	0.
8	8	7	W+_K	0.	0.	0.
8	8	8	W+_K	0.	0.	0.
8	8	4	W-_K	0.	0.	0.
8	8	3	W-_K	0.	0.	0.
8	8	7	W-_K	0.	0.	0.
8	8	8	W-_K	0.	0.	0.
8	8	4	W+_D	0.	0.	0.
8	8	3	W+_D	0.	0.	0.
8	8	7	W+_D	0.	0.	0.
8	8	8	W+_D	0.	0.	0.
8	8	4	W-_D	0.	0.	0.
8	8	3	W-_D	0.	0.	0.
8	8	7	W-_D	0.	0.	0.
8	8	8	W-_D	0.	0.	0.
8	8	4	SISMA SLV X	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
8	8	3	SISMA SLV X	0.	0.	0.
8	8	7	SISMA SLV X	0.	0.	0.
8	8	8	SISMA SLV X	0.	0.	0.
8	8	4	SISMA SLV Y	0.	0.	0.
8	8	3	SISMA SLV Y	0.	0.	0.
8	8	7	SISMA SLV Y	0.	0.	0.
8	8	8	SISMA SLV Y	0.	0.	0.
8	8	4	SISMA SLD X	0.	0.	0.
8	8	3	SISMA SLD X	0.	0.	0.
8	8	7	SISMA SLD X	0.	0.	0.
8	8	8	SISMA SLD X	0.	0.	0.
8	8	4	SISMA SLD Y	0.	0.	0.
8	8	3	SISMA SLD Y	0.	0.	0.
8	8	7	SISMA SLD Y	0.	0.	0.
8	8	8	SISMA SLD Y	0.	0.	0.
8	8	4	SISMA SLO X	0.	0.	0.
8	8	3	SISMA SLO X	0.	0.	0.
8	8	7	SISMA SLO X	0.	0.	0.
8	8	8	SISMA SLO X	0.	0.	0.
8	8	4	SISMA SLO Y	0.	0.	0.
8	8	3	SISMA SLO Y	0.	0.	0.
8	8	7	SISMA SLO Y	0.	0.	0.
8	8	8	SISMA SLO Y	0.	0.	0.
8	8	4	SLT	0.	0.	0.
8	8	3	SLT	0.	0.	0.
8	8	7	SLT	0.	0.	0.
8	8	8	SLT	0.	0.	0.
8	8	4	~TorsionSISMA SLV X	0.	0.	0.
8	8	3	~TorsionSISMA SLV X	0.	0.	0.
8	8	7	~TorsionSISMA SLV X	0.	0.	0.
8	8	8	~TorsionSISMA SLV X	0.	0.	0.
8	8	4	~TorsionSISMA SLV Y	0.	0.	0.
8	8	3	~TorsionSISMA SLV Y	0.	0.	0.
8	8	7	~TorsionSISMA SLV Y	0.	0.	0.
8	8	8	~TorsionSISMA SLV Y	0.	0.	0.
8	8	4	~TorsionSISMA SLD X	0.	0.	0.
8	8	3	~TorsionSISMA SLD X	0.	0.	0.
8	8	7	~TorsionSISMA SLD X	0.	0.	0.
8	8	8	~TorsionSISMA SLD X	0.	0.	0.
8	8	4	~TorsionSISMA SLD Y	0.	0.	0.
8	8	3	~TorsionSISMA SLD Y	0.	0.	0.
8	8	7	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
8	8	8	~TorsionSISMA SLD Y	0.	0.	0.
8	8	4	~TorsionSISMA SLO X	0.	0.	0.
8	8	3	~TorsionSISMA SLO X	0.	0.	0.
8	8	7	~TorsionSISMA SLO X	0.	0.	0.
8	8	8	~TorsionSISMA SLO X	0.	0.	0.
8	8	4	~TorsionSISMA SLO Y	0.	0.	0.
8	8	3	~TorsionSISMA SLO Y	0.	0.	0.
8	8	7	~TorsionSISMA SLO Y	0.	0.	0.
8	8	8	~TorsionSISMA SLO Y	0.	0.	0.
9	9	3	G1_K	0.	0.	0.
9	9	5	G1_K	0.	0.	0.
9	9	9	G1_K	0.	0.	0.
9	9	7	G1_K	0.	0.	0.
9	9	3	G2_K	0.	0.	0.
9	9	5	G2_K	0.	0.	0.
9	9	9	G2_K	0.	0.	0.
9	9	7	G2_K	0.	0.	0.
9	9	3	Q_K	0.	0.	0.
9	9	5	Q_K	0.	0.	0.
9	9	9	Q_K	0.	0.	0.
9	9	7	Q_K	0.	0.	0.
9	9	3	N_K	0.	0.	0.
9	9	5	N_K	0.	0.	0.
9	9	9	N_K	0.	0.	0.
9	9	7	N_K	0.	0.	0.
9	9	3	T+_K	0.	0.	0.
9	9	5	T+_K	0.	0.	0.
9	9	9	T+_K	0.	0.	0.
9	9	7	T+_K	0.	0.	0.
9	9	3	T-_K	0.	0.	0.
9	9	5	T-_K	0.	0.	0.
9	9	9	T-_K	0.	0.	0.
9	9	7	T-_K	0.	0.	0.
9	9	3	G1_D	0.	0.	0.
9	9	5	G1_D	0.	0.	0.
9	9	9	G1_D	0.	0.	0.
9	9	7	G1_D	0.	0.	0.
9	9	3	G2_D	0.	0.	0.
9	9	5	G2_D	0.	0.	0.
9	9	9	G2_D	0.	0.	0.
9	9	7	G2_D	0.	0.	0.
9	9	3	Q_D	0.	0.	0.
9	9	5	Q_D	0.	0.	0.
9	9	9	Q_D	0.	0.	0.
9	9	7	Q_D	0.	0.	0.
9	9	3	N_D	0.	0.	0.
9	9	5	N_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
9	9	9	N_D	0.	0.	0.
9	9	7	N_D	0.	0.	0.
9	9	3	T+_D	0.	0.	0.
9	9	5	T+_D	0.	0.	0.
9	9	9	T+_D	0.	0.	0.
9	9	7	T+_D	0.	0.	0.
9	9	3	T-_D	0.	0.	0.
9	9	5	T-_D	0.	0.	0.
9	9	9	T-_D	0.	0.	0.
9	9	7	T-_D	0.	0.	0.
9	9	3	W+_K	0.	0.	0.
9	9	5	W+_K	0.	0.	0.
9	9	9	W+_K	0.	0.	0.
9	9	7	W+_K	0.	0.	0.
9	9	3	W-_K	0.	0.	0.
9	9	5	W-_K	0.	0.	0.
9	9	9	W-_K	0.	0.	0.
9	9	7	W-_K	0.	0.	0.
9	9	3	W+_D	0.	0.	0.
9	9	5	W+_D	0.	0.	0.
9	9	9	W+_D	0.	0.	0.
9	9	7	W+_D	0.	0.	0.
9	9	3	W-_D	0.	0.	0.
9	9	5	W-_D	0.	0.	0.
9	9	9	W-_D	0.	0.	0.
9	9	7	W-_D	0.	0.	0.
9	9	3	SISMA SLV X	0.	0.	0.
9	9	5	SISMA SLV X	0.	0.	0.
9	9	9	SISMA SLV X	0.	0.	0.
9	9	7	SISMA SLV X	0.	0.	0.
9	9	3	SISMA SLV Y	0.	0.	0.
9	9	5	SISMA SLV Y	0.	0.	0.
9	9	9	SISMA SLV Y	0.	0.	0.
9	9	7	SISMA SLV Y	0.	0.	0.
9	9	3	SISMA SLD X	0.	0.	0.
9	9	5	SISMA SLD X	0.	0.	0.
9	9	9	SISMA SLD X	0.	0.	0.
9	9	7	SISMA SLD X	0.	0.	0.
9	9	3	SISMA SLD Y	0.	0.	0.
9	9	5	SISMA SLD Y	0.	0.	0.
9	9	9	SISMA SLD Y	0.	0.	0.
9	9	7	SISMA SLD Y	0.	0.	0.
9	9	3	SISMA SLO X	0.	0.	0.
9	9	5	SISMA SLO X	0.	0.	0.
9	9	9	SISMA SLO X	0.	0.	0.
9	9	7	SISMA SLO X	0.	0.	0.
9	9	3	SISMA SLO Y	0.	0.	0.
9	9	5	SISMA SLO Y	0.	0.	0.
9	9	9	SISMA SLO Y	0.	0.	0.
9	9	7	SISMA SLO Y	0.	0.	0.
9	9	3	SLT	0.	0.	0.
9	9	5	SLT	0.	0.	0.
9	9	9	SLT	0.	0.	0.
9	9	7	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
9	9	3	~TorsionSISMA SLV X	0.	0.	0.
9	9	5	~TorsionSISMA SLV X	0.	0.	0.
9	9	9	~TorsionSISMA SLV X	0.	0.	0.
9	9	7	~TorsionSISMA SLV X	0.	0.	0.
9	9	3	~TorsionSISMA SLV Y	0.	0.	0.
9	9	5	~TorsionSISMA SLV Y	0.	0.	0.
9	9	9	~TorsionSISMA SLV Y	0.	0.	0.
9	9	7	~TorsionSISMA SLV Y	0.	0.	0.
9	9	3	~TorsionSISMA SLD X	0.	0.	0.
9	9	5	~TorsionSISMA SLD X	0.	0.	0.
9	9	9	~TorsionSISMA SLD X	0.	0.	0.
9	9	7	~TorsionSISMA SLD X	0.	0.	0.
9	9	3	~TorsionSISMA SLD Y	0.	0.	0.
9	9	5	~TorsionSISMA SLD Y	0.	0.	0.
9	9	9	~TorsionSISMA SLD Y	0.	0.	0.
9	9	7	~TorsionSISMA SLD Y	0.	0.	0.
9	9	3	~TorsionSISMA SLO X	0.	0.	0.
9	9	5	~TorsionSISMA SLO X	0.	0.	0.
9	9	9	~TorsionSISMA SLO X	0.	0.	0.
9	9	7	~TorsionSISMA SLO X	0.	0.	0.
9	9	3	~TorsionSISMA SLO Y	0.	0.	0.
9	9	5	~TorsionSISMA SLO Y	0.	0.	0.
9	9	9	~TorsionSISMA SLO Y	0.	0.	0.
9	9	7	~TorsionSISMA SLO Y	0.	0.	0.
10	10	5	G1_K	0.	0.	0.
10	10	6	G1_K	0.	0.	0.
10	10	10	G1_K	0.	0.	0.
10	10	9	G1_K	0.	0.	0.
10	10	5	G2_K	0.	0.	0.
10	10	6	G2_K	0.	0.	0.
10	10	10	G2_K	0.	0.	0.
10	10	9	G2_K	0.	0.	0.
10	10	5	Q_K	0.	0.	0.
10	10	6	Q_K	0.	0.	0.
10	10	10	Q_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
10	10	9	Q_K	0.	0.	0.
10	10	5	N_K	0.	0.	0.
10	10	6	N_K	0.	0.	0.
10	10	10	N_K	0.	0.	0.
10	10	9	N_K	0.	0.	0.
10	10	5	T+_K	0.	0.	0.
10	10	6	T+_K	0.	0.	0.
10	10	10	T+_K	0.	0.	0.
10	10	9	T+_K	0.	0.	0.
10	10	5	T-_K	0.	0.	0.
10	10	6	T-_K	0.	0.	0.
10	10	10	T-_K	0.	0.	0.
10	10	9	T-_K	0.	0.	0.
10	10	5	G1_D	0.	0.	0.
10	10	6	G1_D	0.	0.	0.
10	10	10	G1_D	0.	0.	0.
10	10	9	G1_D	0.	0.	0.
10	10	5	G2_D	0.	0.	0.
10	10	6	G2_D	0.	0.	0.
10	10	10	G2_D	0.	0.	0.
10	10	9	G2_D	0.	0.	0.
10	10	5	Q_D	0.	0.	0.
10	10	6	Q_D	0.	0.	0.
10	10	10	Q_D	0.	0.	0.
10	10	9	Q_D	0.	0.	0.
10	10	5	N_D	0.	0.	0.
10	10	6	N_D	0.	0.	0.
10	10	10	N_D	0.	0.	0.
10	10	9	N_D	0.	0.	0.
10	10	5	T+_D	0.	0.	0.
10	10	6	T+_D	0.	0.	0.
10	10	10	T+_D	0.	0.	0.
10	10	9	T+_D	0.	0.	0.
10	10	5	T-_D	0.	0.	0.
10	10	6	T-_D	0.	0.	0.
10	10	10	T-_D	0.	0.	0.
10	10	9	T-_D	0.	0.	0.
10	10	5	W+_K	0.	0.	0.
10	10	6	W+_K	0.	0.	0.
10	10	10	W+_K	0.	0.	0.
10	10	9	W+_K	0.	0.	0.
10	10	5	W-_K	0.	0.	0.
10	10	6	W-_K	0.	0.	0.
10	10	10	W-_K	0.	0.	0.
10	10	9	W-_K	0.	0.	0.
10	10	5	W+_D	0.	0.	0.
10	10	6	W+_D	0.	0.	0.
10	10	10	W+_D	0.	0.	0.
10	10	9	W+_D	0.	0.	0.
10	10	5	W-_D	0.	0.	0.
10	10	6	W-_D	0.	0.	0.
10	10	10	W-_D	0.	0.	0.
10	10	9	W-_D	0.	0.	0.
10	10	5	SISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
10	10	6	SISMA SLV X	0.	0.	0.
10	10	10	SISMA SLV X	0.	0.	0.
10	10	9	SISMA SLV X	0.	0.	0.
10	10	5	SISMA SLV Y	0.	0.	0.
10	10	6	SISMA SLV Y	0.	0.	0.
10	10	10	SISMA SLV Y	0.	0.	0.
10	10	9	SISMA SLV Y	0.	0.	0.
10	10	5	SISMA SLD X	0.	0.	0.
10	10	6	SISMA SLD X	0.	0.	0.
10	10	10	SISMA SLD X	0.	0.	0.
10	10	9	SISMA SLD X	0.	0.	0.
10	10	5	SISMA SLD Y	0.	0.	0.
10	10	6	SISMA SLD Y	0.	0.	0.
10	10	10	SISMA SLD Y	0.	0.	0.
10	10	9	SISMA SLD Y	0.	0.	0.
10	10	5	SISMA SLO X	0.	0.	0.
10	10	6	SISMA SLO X	0.	0.	0.
10	10	10	SISMA SLO X	0.	0.	0.
10	10	9	SISMA SLO X	0.	0.	0.
10	10	5	SISMA SLO Y	0.	0.	0.
10	10	6	SISMA SLO Y	0.	0.	0.
10	10	10	SISMA SLO Y	0.	0.	0.
10	10	9	SISMA SLO Y	0.	0.	0.
10	10	5	SLT	0.	0.	0.
10	10	6	SLT	0.	0.	0.
10	10	10	SLT	0.	0.	0.
10	10	9	SLT	0.	0.	0.
10	10	5	~TorsionSISMA SLV X	0.	0.	0.
10	10	6	~TorsionSISMA SLV X	0.	0.	0.
10	10	10	~TorsionSISMA SLV X	0.	0.	0.
10	10	9	~TorsionSISMA SLV X	0.	0.	0.
10	10	5	~TorsionSISMA SLV Y	0.	0.	0.
10	10	6	~TorsionSISMA SLV Y	0.	0.	0.
10	10	10	~TorsionSISMA SLV Y	0.	0.	0.
10	10	9	~TorsionSISMA SLV Y	0.	0.	0.
10	10	5	~TorsionSISMA SLD X	0.	0.	0.
10	10	6	~TorsionSISMA SLD X	0.	0.	0.
10	10	10	~TorsionSISMA SLD X	0.	0.	0.
10	10	9	~TorsionSISMA SLD X	0.	0.	0.
10	10	5	~TorsionSISMA SLD Y	0.	0.	0.
10	10	6	~TorsionSISMA SLD Y	0.	0.	0.
10	10	10	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
10	10	9	~TorsionSISMA SLD Y	0.	0.	0.
10	10	5	~TorsionSISMA SLO X	0.	0.	0.
10	10	6	~TorsionSISMA SLO X	0.	0.	0.
10	10	10	~TorsionSISMA SLO X	0.	0.	0.
10	10	9	~TorsionSISMA SLO X	0.	0.	0.
10	10	5	~TorsionSISMA SLO Y	0.	0.	0.
10	10	6	~TorsionSISMA SLO Y	0.	0.	0.
10	10	10	~TorsionSISMA SLO Y	0.	0.	0.
10	10	9	~TorsionSISMA SLO Y	0.	0.	0.
11	11	6	G1_K	0.	0.	0.
11	11	161	G1_K	0.	0.	0.
11	11	166	G1_K	0.	0.	0.
11	11	10	G1_K	0.	0.	0.
11	11	6	G2_K	0.	0.	0.
11	11	161	G2_K	0.	0.	0.
11	11	166	G2_K	0.	0.	0.
11	11	10	G2_K	0.	0.	0.
11	11	6	Q_K	0.	0.	0.
11	11	161	Q_K	0.	0.	0.
11	11	166	Q_K	0.	0.	0.
11	11	10	Q_K	0.	0.	0.
11	11	6	N_K	0.	0.	0.
11	11	161	N_K	0.	0.	0.
11	11	166	N_K	0.	0.	0.
11	11	10	N_K	0.	0.	0.
11	11	6	T+_K	0.	0.	0.
11	11	161	T+_K	0.	0.	0.
11	11	166	T+_K	0.	0.	0.
11	11	10	T+_K	0.	0.	0.
11	11	6	T-_K	0.	0.	0.
11	11	161	T-_K	0.	0.	0.
11	11	166	T-_K	0.	0.	0.
11	11	10	T-_K	0.	0.	0.
11	11	6	G1_D	0.	0.	0.
11	11	161	G1_D	0.	0.	0.
11	11	166	G1_D	0.	0.	0.
11	11	10	G1_D	0.	0.	0.
11	11	6	G2_D	0.	0.	0.
11	11	161	G2_D	0.	0.	0.
11	11	166	G2_D	0.	0.	0.
11	11	10	G2_D	0.	0.	0.
11	11	6	Q_D	0.	0.	0.
11	11	161	Q_D	0.	0.	0.
11	11	166	Q_D	0.	0.	0.
11	11	10	Q_D	0.	0.	0.
11	11	6	N_D	0.	0.	0.
11	11	161	N_D	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
11	11	166	N_D	0.	0.	0.
11	11	10	N_D	0.	0.	0.
11	11	6	T+_D	0.	0.	0.
11	11	161	T+_D	0.	0.	0.
11	11	166	T+_D	0.	0.	0.
11	11	10	T+_D	0.	0.	0.
11	11	6	T-_D	0.	0.	0.
11	11	161	T-_D	0.	0.	0.
11	11	166	T-_D	0.	0.	0.
11	11	10	T-_D	0.	0.	0.
11	11	6	W+_K	0.	0.	0.
11	11	161	W+_K	0.	0.	0.
11	11	166	W+_K	0.	0.	0.
11	11	10	W+_K	0.	0.	0.
11	11	6	W-_K	0.	0.	0.
11	11	161	W-_K	0.	0.	0.
11	11	166	W-_K	0.	0.	0.
11	11	10	W-_K	0.	0.	0.
11	11	6	W+_D	0.	0.	0.
11	11	161	W+_D	0.	0.	0.
11	11	166	W+_D	0.	0.	0.
11	11	10	W+_D	0.	0.	0.
11	11	6	W-_D	0.	0.	0.
11	11	161	W-_D	0.	0.	0.
11	11	166	W-_D	0.	0.	0.
11	11	10	W-_D	0.	0.	0.
11	11	6	SISMA SLV X	0.	0.	0.
11	11	161	SISMA SLV X	0.	0.	0.
11	11	166	SISMA SLV X	0.	0.	0.
11	11	10	SISMA SLV X	0.	0.	0.
11	11	6	SISMA SLV Y	0.	0.	0.
11	11	161	SISMA SLV Y	0.	0.	0.
11	11	166	SISMA SLV Y	0.	0.	0.
11	11	10	SISMA SLV Y	0.	0.	0.
11	11	6	SISMA SLD X	0.	0.	0.
11	11	161	SISMA SLD X	0.	0.	0.
11	11	166	SISMA SLD X	0.	0.	0.
11	11	10	SISMA SLD X	0.	0.	0.
11	11	6	SISMA SLD Y	0.	0.	0.
11	11	161	SISMA SLD Y	0.	0.	0.
11	11	166	SISMA SLD Y	0.	0.	0.
11	11	10	SISMA SLD Y	0.	0.	0.
11	11	6	SISMA SLO X	0.	0.	0.
11	11	161	SISMA SLO X	0.	0.	0.
11	11	166	SISMA SLO X	0.	0.	0.
11	11	10	SISMA SLO X	0.	0.	0.
11	11	6	SISMA SLO Y	0.	0.	0.
11	11	161	SISMA SLO Y	0.	0.	0.
11	11	166	SISMA SLO Y	0.	0.	0.
11	11	10	SISMA SLO Y	0.	0.	0.
11	11	6	SLT	0.	0.	0.
11	11	161	SLT	0.	0.	0.
11	11	166	SLT	0.	0.	0.
11	11	10	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
11	11	6	~TorsionSISMA SLV X	0.	0.	0.
11	11	161	~TorsionSISMA SLV X	0.	0.	0.
11	11	166	~TorsionSISMA SLV X	0.	0.	0.
11	11	10	~TorsionSISMA SLV X	0.	0.	0.
11	11	6	~TorsionSISMA SLV Y	0.	0.	0.
11	11	161	~TorsionSISMA SLV Y	0.	0.	0.
11	11	166	~TorsionSISMA SLV Y	0.	0.	0.
11	11	10	~TorsionSISMA SLV Y	0.	0.	0.
11	11	6	~TorsionSISMA SLD X	0.	0.	0.
11	11	161	~TorsionSISMA SLD X	0.	0.	0.
11	11	166	~TorsionSISMA SLD X	0.	0.	0.
11	11	10	~TorsionSISMA SLD X	0.	0.	0.
11	11	6	~TorsionSISMA SLD Y	0.	0.	0.
11	11	161	~TorsionSISMA SLD Y	0.	0.	0.
11	11	166	~TorsionSISMA SLD Y	0.	0.	0.
11	11	10	~TorsionSISMA SLD Y	0.	0.	0.
11	11	6	~TorsionSISMA SLO X	0.	0.	0.
11	11	161	~TorsionSISMA SLO X	0.	0.	0.
11	11	166	~TorsionSISMA SLO X	0.	0.	0.
11	11	10	~TorsionSISMA SLO X	0.	0.	0.
11	11	6	~TorsionSISMA SLO Y	0.	0.	0.
11	11	161	~TorsionSISMA SLO Y	0.	0.	0.
11	11	166	~TorsionSISMA SLO Y	0.	0.	0.
11	11	10	~TorsionSISMA SLO Y	0.	0.	0.
12	12	8	G1_K	0.	0.	0.
12	12	7	G1_K	0.	0.	0.
12	12	11	G1_K	0.	0.	0.
12	12	12	G1_K	0.	0.	0.
12	12	8	G2_K	0.	0.	0.
12	12	7	G2_K	0.	0.	0.
12	12	11	G2_K	0.	0.	0.
12	12	12	G2_K	0.	0.	0.
12	12	8	Q_K	0.	0.	0.
12	12	7	Q_K	0.	0.	0.
12	12	11	Q_K	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
12	12	12	Q_K	0.	0.	0.
12	12	8	N_K	0.	0.	0.
12	12	7	N_K	0.	0.	0.
12	12	11	N_K	0.	0.	0.
12	12	12	N_K	0.	0.	0.
12	12	8	T+_K	0.	0.	0.
12	12	7	T+_K	0.	0.	0.
12	12	11	T+_K	0.	0.	0.
12	12	12	T+_K	0.	0.	0.
12	12	8	T-_K	0.	0.	0.
12	12	7	T-_K	0.	0.	0.
12	12	11	T-_K	0.	0.	0.
12	12	12	T-_K	0.	0.	0.
12	12	8	G1_D	0.	0.	0.
12	12	7	G1_D	0.	0.	0.
12	12	11	G1_D	0.	0.	0.
12	12	12	G1_D	0.	0.	0.
12	12	8	G2_D	0.	0.	0.
12	12	7	G2_D	0.	0.	0.
12	12	11	G2_D	0.	0.	0.
12	12	12	G2_D	0.	0.	0.
12	12	8	Q_D	0.	0.	0.
12	12	7	Q_D	0.	0.	0.
12	12	11	Q_D	0.	0.	0.
12	12	12	Q_D	0.	0.	0.
12	12	8	N_D	0.	0.	0.
12	12	7	N_D	0.	0.	0.
12	12	11	N_D	0.	0.	0.
12	12	12	N_D	0.	0.	0.
12	12	8	T+_D	0.	0.	0.
12	12	7	T+_D	0.	0.	0.
12	12	11	T+_D	0.	0.	0.
12	12	12	T+_D	0.	0.	0.
12	12	8	T-_D	0.	0.	0.
12	12	7	T-_D	0.	0.	0.
12	12	11	T-_D	0.	0.	0.
12	12	12	T-_D	0.	0.	0.
12	12	8	W+_K	0.	0.	0.
12	12	7	W+_K	0.	0.	0.
12	12	11	W+_K	0.	0.	0.
12	12	12	W+_K	0.	0.	0.
12	12	8	W-_K	0.	0.	0.
12	12	7	W-_K	0.	0.	0.
12	12	11	W-_K	0.	0.	0.
12	12	12	W-_K	0.	0.	0.
12	12	8	W+_D	0.	0.	0.
12	12	7	W+_D	0.	0.	0.
12	12	11	W+_D	0.	0.	0.
12	12	12	W+_D	0.	0.	0.
12	12	8	W-_D	0.	0.	0.
12	12	7	W-_D	0.	0.	0.
12	12	11	W-_D	0.	0.	0.
12	12	12	W-_D	0.	0.	0.
12	12	8	SISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
12	12	7	SISMA SLV X	0.	0.	0.
12	12	11	SISMA SLV X	0.	0.	0.
12	12	12	SISMA SLV X	0.	0.	0.
12	12	8	SISMA SLV Y	0.	0.	0.
12	12	7	SISMA SLV Y	0.	0.	0.
12	12	11	SISMA SLV Y	0.	0.	0.
12	12	12	SISMA SLV Y	0.	0.	0.
12	12	8	SISMA SLD X	0.	0.	0.
12	12	7	SISMA SLD X	0.	0.	0.
12	12	11	SISMA SLD X	0.	0.	0.
12	12	12	SISMA SLD X	0.	0.	0.
12	12	8	SISMA SLD Y	0.	0.	0.
12	12	7	SISMA SLD Y	0.	0.	0.
12	12	11	SISMA SLD Y	0.	0.	0.
12	12	12	SISMA SLD Y	0.	0.	0.
12	12	8	SISMA SLO X	0.	0.	0.
12	12	7	SISMA SLO X	0.	0.	0.
12	12	11	SISMA SLO X	0.	0.	0.
12	12	12	SISMA SLO X	0.	0.	0.
12	12	8	SISMA SLO Y	0.	0.	0.
12	12	7	SISMA SLO Y	0.	0.	0.
12	12	11	SISMA SLO Y	0.	0.	0.
12	12	12	SISMA SLO Y	0.	0.	0.
12	12	8	SLT	0.	0.	0.
12	12	7	SLT	0.	0.	0.
12	12	11	SLT	0.	0.	0.
12	12	12	SLT	0.	0.	0.
12	12	8	~TorsionSISMA SLV X	0.	0.	0.
12	12	7	~TorsionSISMA SLV X	0.	0.	0.
12	12	11	~TorsionSISMA SLV X	0.	0.	0.
12	12	12	~TorsionSISMA SLV X	0.	0.	0.
12	12	8	~TorsionSISMA SLV Y	0.	0.	0.
12	12	7	~TorsionSISMA SLV Y	0.	0.	0.
12	12	11	~TorsionSISMA SLV Y	0.	0.	0.
12	12	12	~TorsionSISMA SLV Y	0.	0.	0.
12	12	8	~TorsionSISMA SLD X	0.	0.	0.
12	12	7	~TorsionSISMA SLD X	0.	0.	0.
12	12	11	~TorsionSISMA SLD X	0.	0.	0.
12	12	12	~TorsionSISMA SLD X	0.	0.	0.
12	12	8	~TorsionSISMA SLD Y	0.	0.	0.
12	12	7	~TorsionSISMA SLD Y	0.	0.	0.
12	12	11	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
12	12	12	~TorsionSISMA SLD Y	0.	0.	0.
12	12	8	~TorsionSISMA SLO X	0.	0.	0.
12	12	7	~TorsionSISMA SLO X	0.	0.	0.
12	12	11	~TorsionSISMA SLO X	0.	0.	0.
12	12	12	~TorsionSISMA SLO X	0.	0.	0.
12	12	8	~TorsionSISMA SLO Y	0.	0.	0.
12	12	7	~TorsionSISMA SLO Y	0.	0.	0.
12	12	11	~TorsionSISMA SLO Y	0.	0.	0.
12	12	12	~TorsionSISMA SLO Y	0.	0.	0.
13	13	7	G1_K	0.	0.	0.
13	13	9	G1_K	0.	0.	0.
13	13	13	G1_K	0.	0.	0.
13	13	11	G1_K	0.	0.	0.
13	13	7	G2_K	0.	0.	0.
13	13	9	G2_K	0.	0.	0.
13	13	13	G2_K	0.	0.	0.
13	13	11	G2_K	0.	0.	0.
13	13	7	Q_K	0.	0.	0.
13	13	9	Q_K	0.	0.	0.
13	13	13	Q_K	0.	0.	0.
13	13	11	Q_K	0.	0.	0.
13	13	7	N_K	0.	0.	0.
13	13	9	N_K	0.	0.	0.
13	13	13	N_K	0.	0.	0.
13	13	11	N_K	0.	0.	0.
13	13	7	T+_K	0.	0.	0.
13	13	9	T+_K	0.	0.	0.
13	13	13	T+_K	0.	0.	0.
13	13	11	T+_K	0.	0.	0.
13	13	7	T-_K	0.	0.	0.
13	13	9	T-_K	0.	0.	0.
13	13	13	T-_K	0.	0.	0.
13	13	11	T-_K	0.	0.	0.
13	13	7	G1_D	0.	0.	0.
13	13	9	G1_D	0.	0.	0.
13	13	13	G1_D	0.	0.	0.
13	13	11	G1_D	0.	0.	0.
13	13	7	G2_D	0.	0.	0.
13	13	9	G2_D	0.	0.	0.
13	13	13	G2_D	0.	0.	0.
13	13	11	G2_D	0.	0.	0.
13	13	7	Q_D	0.	0.	0.
13	13	9	Q_D	0.	0.	0.
13	13	13	Q_D	0.	0.	0.
13	13	11	Q_D	0.	0.	0.
13	13	7	N_D	0.	0.	0.
13	13	9	N_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
13	13	13	N_D	0.	0.	0.
13	13	11	N_D	0.	0.	0.
13	13	7	T+_D	0.	0.	0.
13	13	9	T+_D	0.	0.	0.
13	13	13	T+_D	0.	0.	0.
13	13	11	T+_D	0.	0.	0.
13	13	7	T-_D	0.	0.	0.
13	13	9	T-_D	0.	0.	0.
13	13	13	T-_D	0.	0.	0.
13	13	11	T-_D	0.	0.	0.
13	13	7	W+_K	0.	0.	0.
13	13	9	W+_K	0.	0.	0.
13	13	13	W+_K	0.	0.	0.
13	13	11	W+_K	0.	0.	0.
13	13	7	W-_K	0.	0.	0.
13	13	9	W-_K	0.	0.	0.
13	13	13	W-_K	0.	0.	0.
13	13	11	W-_K	0.	0.	0.
13	13	7	W+_D	0.	0.	0.
13	13	9	W+_D	0.	0.	0.
13	13	13	W+_D	0.	0.	0.
13	13	11	W+_D	0.	0.	0.
13	13	7	W-_D	0.	0.	0.
13	13	9	W-_D	0.	0.	0.
13	13	13	W-_D	0.	0.	0.
13	13	11	W-_D	0.	0.	0.
13	13	7	SISMA SLV X	0.	0.	0.
13	13	9	SISMA SLV X	0.	0.	0.
13	13	13	SISMA SLV X	0.	0.	0.
13	13	11	SISMA SLV X	0.	0.	0.
13	13	7	SISMA SLV Y	0.	0.	0.
13	13	9	SISMA SLV Y	0.	0.	0.
13	13	13	SISMA SLV Y	0.	0.	0.
13	13	11	SISMA SLV Y	0.	0.	0.
13	13	7	SISMA SLD X	0.	0.	0.
13	13	9	SISMA SLD X	0.	0.	0.
13	13	13	SISMA SLD X	0.	0.	0.
13	13	11	SISMA SLD X	0.	0.	0.
13	13	7	SISMA SLD Y	0.	0.	0.
13	13	9	SISMA SLD Y	0.	0.	0.
13	13	13	SISMA SLD Y	0.	0.	0.
13	13	11	SISMA SLD Y	0.	0.	0.
13	13	7	SISMA SLO X	0.	0.	0.
13	13	9	SISMA SLO X	0.	0.	0.
13	13	13	SISMA SLO X	0.	0.	0.
13	13	11	SISMA SLO X	0.	0.	0.
13	13	7	SISMA SLO Y	0.	0.	0.
13	13	9	SISMA SLO Y	0.	0.	0.
13	13	13	SISMA SLO Y	0.	0.	0.
13	13	11	SISMA SLO Y	0.	0.	0.
13	13	7	SLT	0.	0.	0.
13	13	9	SLT	0.	0.	0.
13	13	13	SLT	0.	0.	0.
13	13	11	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
13	13	7	~TorsionSISMA SLV X	0.	0.	0.
13	13	9	~TorsionSISMA SLV X	0.	0.	0.
13	13	13	~TorsionSISMA SLV X	0.	0.	0.
13	13	11	~TorsionSISMA SLV X	0.	0.	0.
13	13	7	~TorsionSISMA SLV Y	0.	0.	0.
13	13	9	~TorsionSISMA SLV Y	0.	0.	0.
13	13	13	~TorsionSISMA SLV Y	0.	0.	0.
13	13	11	~TorsionSISMA SLV Y	0.	0.	0.
13	13	7	~TorsionSISMA SLD X	0.	0.	0.
13	13	9	~TorsionSISMA SLD X	0.	0.	0.
13	13	13	~TorsionSISMA SLD X	0.	0.	0.
13	13	11	~TorsionSISMA SLD X	0.	0.	0.
13	13	7	~TorsionSISMA SLD Y	0.	0.	0.
13	13	9	~TorsionSISMA SLD Y	0.	0.	0.
13	13	13	~TorsionSISMA SLD Y	0.	0.	0.
13	13	11	~TorsionSISMA SLD Y	0.	0.	0.
13	13	7	~TorsionSISMA SLO X	0.	0.	0.
13	13	9	~TorsionSISMA SLO X	0.	0.	0.
13	13	13	~TorsionSISMA SLO X	0.	0.	0.
13	13	11	~TorsionSISMA SLO X	0.	0.	0.
13	13	7	~TorsionSISMA SLO Y	0.	0.	0.
13	13	9	~TorsionSISMA SLO Y	0.	0.	0.
13	13	13	~TorsionSISMA SLO Y	0.	0.	0.
13	13	11	~TorsionSISMA SLO Y	0.	0.	0.
14	14	9	G1_K	0.	0.	0.
14	14	10	G1_K	0.	0.	0.
14	14	14	G1_K	0.	0.	0.
14	14	13	G1_K	0.	0.	0.
14	14	9	G2_K	0.	0.	0.
14	14	10	G2_K	0.	0.	0.
14	14	14	G2_K	0.	0.	0.
14	14	13	G2_K	0.	0.	0.
14	14	9	Q_K	0.	0.	0.
14	14	10	Q_K	0.	0.	0.
14	14	14	Q_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
14	14	13	Q_K	0.	0.	0.
14	14	9	N_K	0.	0.	0.
14	14	10	N_K	0.	0.	0.
14	14	14	N_K	0.	0.	0.
14	14	13	N_K	0.	0.	0.
14	14	9	T+_K	0.	0.	0.
14	14	10	T+_K	0.	0.	0.
14	14	14	T+_K	0.	0.	0.
14	14	13	T+_K	0.	0.	0.
14	14	9	T-_K	0.	0.	0.
14	14	10	T-_K	0.	0.	0.
14	14	14	T-_K	0.	0.	0.
14	14	13	T-_K	0.	0.	0.
14	14	9	G1_D	0.	0.	0.
14	14	10	G1_D	0.	0.	0.
14	14	14	G1_D	0.	0.	0.
14	14	13	G1_D	0.	0.	0.
14	14	9	G2_D	0.	0.	0.
14	14	10	G2_D	0.	0.	0.
14	14	14	G2_D	0.	0.	0.
14	14	13	G2_D	0.	0.	0.
14	14	9	Q_D	0.	0.	0.
14	14	10	Q_D	0.	0.	0.
14	14	14	Q_D	0.	0.	0.
14	14	13	Q_D	0.	0.	0.
14	14	9	N_D	0.	0.	0.
14	14	10	N_D	0.	0.	0.
14	14	14	N_D	0.	0.	0.
14	14	13	N_D	0.	0.	0.
14	14	9	T+_D	0.	0.	0.
14	14	10	T+_D	0.	0.	0.
14	14	14	T+_D	0.	0.	0.
14	14	13	T+_D	0.	0.	0.
14	14	9	T-_D	0.	0.	0.
14	14	10	T-_D	0.	0.	0.
14	14	14	T-_D	0.	0.	0.
14	14	13	T-_D	0.	0.	0.
14	14	9	W+_K	0.	0.	0.
14	14	10	W+_K	0.	0.	0.
14	14	14	W+_K	0.	0.	0.
14	14	13	W+_K	0.	0.	0.
14	14	9	W-_K	0.	0.	0.
14	14	10	W-_K	0.	0.	0.
14	14	14	W-_K	0.	0.	0.
14	14	13	W-_K	0.	0.	0.
14	14	9	W+_D	0.	0.	0.
14	14	10	W+_D	0.	0.	0.
14	14	14	W+_D	0.	0.	0.
14	14	13	W+_D	0.	0.	0.
14	14	9	W-_D	0.	0.	0.
14	14	10	W-_D	0.	0.	0.
14	14	14	W-_D	0.	0.	0.
14	14	13	W-_D	0.	0.	0.
14	14	9	SISMA SLV X	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
14	14	10	SISMA SLV X	0.	0.	0.
14	14	14	SISMA SLV X	0.	0.	0.
14	14	13	SISMA SLV X	0.	0.	0.
14	14	9	SISMA SLV Y	0.	0.	0.
14	14	10	SISMA SLV Y	0.	0.	0.
14	14	14	SISMA SLV Y	0.	0.	0.
14	14	13	SISMA SLV Y	0.	0.	0.
14	14	9	SISMA SLD X	0.	0.	0.
14	14	10	SISMA SLD X	0.	0.	0.
14	14	14	SISMA SLD X	0.	0.	0.
14	14	13	SISMA SLD X	0.	0.	0.
14	14	9	SISMA SLD Y	0.	0.	0.
14	14	10	SISMA SLD Y	0.	0.	0.
14	14	14	SISMA SLD Y	0.	0.	0.
14	14	13	SISMA SLD Y	0.	0.	0.
14	14	9	SISMA SLO X	0.	0.	0.
14	14	10	SISMA SLO X	0.	0.	0.
14	14	14	SISMA SLO X	0.	0.	0.
14	14	13	SISMA SLO X	0.	0.	0.
14	14	9	SISMA SLO Y	0.	0.	0.
14	14	10	SISMA SLO Y	0.	0.	0.
14	14	14	SISMA SLO Y	0.	0.	0.
14	14	13	SISMA SLO Y	0.	0.	0.
14	14	9	SLT	0.	0.	0.
14	14	10	SLT	0.	0.	0.
14	14	14	SLT	0.	0.	0.
14	14	13	SLT	0.	0.	0.
14	14	9	~TorsionSISMA SLV X	0.	0.	0.
14	14	10	~TorsionSISMA SLV X	0.	0.	0.
14	14	14	~TorsionSISMA SLV X	0.	0.	0.
14	14	13	~TorsionSISMA SLV X	0.	0.	0.
14	14	9	~TorsionSISMA SLV Y	0.	0.	0.
14	14	10	~TorsionSISMA SLV Y	0.	0.	0.
14	14	14	~TorsionSISMA SLV Y	0.	0.	0.
14	14	13	~TorsionSISMA SLV Y	0.	0.	0.
14	14	9	~TorsionSISMA SLD X	0.	0.	0.
14	14	10	~TorsionSISMA SLD X	0.	0.	0.
14	14	14	~TorsionSISMA SLD X	0.	0.	0.
14	14	13	~TorsionSISMA SLD X	0.	0.	0.
14	14	9	~TorsionSISMA SLD Y	0.	0.	0.
14	14	10	~TorsionSISMA SLD Y	0.	0.	0.
14	14	14	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
14	14	13	~TorsionSISMA SLD Y	0.	0.	0.
14	14	9	~TorsionSISMA SLO X	0.	0.	0.
14	14	10	~TorsionSISMA SLO X	0.	0.	0.
14	14	14	~TorsionSISMA SLO X	0.	0.	0.
14	14	13	~TorsionSISMA SLO X	0.	0.	0.
14	14	9	~TorsionSISMA SLO Y	0.	0.	0.
14	14	10	~TorsionSISMA SLO Y	0.	0.	0.
14	14	14	~TorsionSISMA SLO Y	0.	0.	0.
14	14	13	~TorsionSISMA SLO Y	0.	0.	0.
15	15	10	G1_K	0.	0.	0.
15	15	166	G1_K	0.	0.	0.
15	15	169	G1_K	0.	0.	0.
15	15	14	G1_K	0.	0.	0.
15	15	10	G2_K	0.	0.	0.
15	15	166	G2_K	0.	0.	0.
15	15	169	G2_K	0.	0.	0.
15	15	14	G2_K	0.	0.	0.
15	15	10	Q_K	0.	0.	0.
15	15	166	Q_K	0.	0.	0.
15	15	169	Q_K	0.	0.	0.
15	15	14	Q_K	0.	0.	0.
15	15	10	N_K	0.	0.	0.
15	15	166	N_K	0.	0.	0.
15	15	169	N_K	0.	0.	0.
15	15	14	N_K	0.	0.	0.
15	15	10	T+_K	0.	0.	0.
15	15	166	T+_K	0.	0.	0.
15	15	169	T+_K	0.	0.	0.
15	15	14	T+_K	0.	0.	0.
15	15	10	T-_K	0.	0.	0.
15	15	166	T-_K	0.	0.	0.
15	15	169	T-_K	0.	0.	0.
15	15	14	T-_K	0.	0.	0.
15	15	10	G1_D	0.	0.	0.
15	15	166	G1_D	0.	0.	0.
15	15	169	G1_D	0.	0.	0.
15	15	14	G1_D	0.	0.	0.
15	15	10	G2_D	0.	0.	0.
15	15	166	G2_D	0.	0.	0.
15	15	169	G2_D	0.	0.	0.
15	15	14	G2_D	0.	0.	0.
15	15	10	Q_D	0.	0.	0.
15	15	166	Q_D	0.	0.	0.
15	15	169	Q_D	0.	0.	0.
15	15	14	Q_D	0.	0.	0.
15	15	10	N_D	0.	0.	0.
15	15	166	N_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
15	15	169	N_D	0.	0.	0.
15	15	14	N_D	0.	0.	0.
15	15	10	T+_D	0.	0.	0.
15	15	166	T+_D	0.	0.	0.
15	15	169	T+_D	0.	0.	0.
15	15	14	T+_D	0.	0.	0.
15	15	10	T-_D	0.	0.	0.
15	15	166	T-_D	0.	0.	0.
15	15	169	T-_D	0.	0.	0.
15	15	14	T-_D	0.	0.	0.
15	15	10	W+_K	0.	0.	0.
15	15	166	W+_K	0.	0.	0.
15	15	169	W+_K	0.	0.	0.
15	15	14	W+_K	0.	0.	0.
15	15	10	W-_K	0.	0.	0.
15	15	166	W-_K	0.	0.	0.
15	15	169	W-_K	0.	0.	0.
15	15	14	W-_K	0.	0.	0.
15	15	10	W+_D	0.	0.	0.
15	15	166	W+_D	0.	0.	0.
15	15	169	W+_D	0.	0.	0.
15	15	14	W+_D	0.	0.	0.
15	15	10	W-_D	0.	0.	0.
15	15	166	W-_D	0.	0.	0.
15	15	169	W-_D	0.	0.	0.
15	15	14	W-_D	0.	0.	0.
15	15	10	SISMA SLV X	0.	0.	0.
15	15	166	SISMA SLV X	0.	0.	0.
15	15	169	SISMA SLV X	0.	0.	0.
15	15	14	SISMA SLV X	0.	0.	0.
15	15	10	SISMA SLV Y	0.	0.	0.
15	15	166	SISMA SLV Y	0.	0.	0.
15	15	169	SISMA SLV Y	0.	0.	0.
15	15	14	SISMA SLV Y	0.	0.	0.
15	15	10	SISMA SLD X	0.	0.	0.
15	15	166	SISMA SLD X	0.	0.	0.
15	15	169	SISMA SLD X	0.	0.	0.
15	15	14	SISMA SLD X	0.	0.	0.
15	15	10	SISMA SLD Y	0.	0.	0.
15	15	166	SISMA SLD Y	0.	0.	0.
15	15	169	SISMA SLD Y	0.	0.	0.
15	15	14	SISMA SLD Y	0.	0.	0.
15	15	10	SISMA SLO X	0.	0.	0.
15	15	166	SISMA SLO X	0.	0.	0.
15	15	169	SISMA SLO X	0.	0.	0.
15	15	14	SISMA SLO X	0.	0.	0.
15	15	10	SISMA SLO Y	0.	0.	0.
15	15	166	SISMA SLO Y	0.	0.	0.
15	15	169	SISMA SLO Y	0.	0.	0.
15	15	14	SISMA SLO Y	0.	0.	0.
15	15	10	SLT	0.	0.	0.
15	15	166	SLT	0.	0.	0.
15	15	169	SLT	0.	0.	0.
15	15	14	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
15	15	10	~TorsionSISMA SLV X	0.	0.	0.
15	15	166	~TorsionSISMA SLV X	0.	0.	0.
15	15	169	~TorsionSISMA SLV X	0.	0.	0.
15	15	14	~TorsionSISMA SLV X	0.	0.	0.
15	15	10	~TorsionSISMA SLV Y	0.	0.	0.
15	15	166	~TorsionSISMA SLV Y	0.	0.	0.
15	15	169	~TorsionSISMA SLV Y	0.	0.	0.
15	15	14	~TorsionSISMA SLV Y	0.	0.	0.
15	15	10	~TorsionSISMA SLD X	0.	0.	0.
15	15	166	~TorsionSISMA SLD X	0.	0.	0.
15	15	169	~TorsionSISMA SLD X	0.	0.	0.
15	15	14	~TorsionSISMA SLD X	0.	0.	0.
15	15	10	~TorsionSISMA SLD Y	0.	0.	0.
15	15	166	~TorsionSISMA SLD Y	0.	0.	0.
15	15	169	~TorsionSISMA SLD Y	0.	0.	0.
15	15	14	~TorsionSISMA SLD Y	0.	0.	0.
15	15	10	~TorsionSISMA SLO X	0.	0.	0.
15	15	166	~TorsionSISMA SLO X	0.	0.	0.
15	15	169	~TorsionSISMA SLO X	0.	0.	0.
15	15	14	~TorsionSISMA SLO X	0.	0.	0.
15	15	10	~TorsionSISMA SLO Y	0.	0.	0.
15	15	166	~TorsionSISMA SLO Y	0.	0.	0.
15	15	169	~TorsionSISMA SLO Y	0.	0.	0.
15	15	14	~TorsionSISMA SLO Y	0.	0.	0.
16	16	12	G1_K	0.	0.	0.
16	16	11	G1_K	0.	0.	0.
16	16	158	G1_K	0.	0.	0.
16	16	102	G1_K	0.	0.	0.
16	16	12	G2_K	0.	0.	0.
16	16	11	G2_K	0.	0.	0.
16	16	158	G2_K	0.	0.	0.
16	16	102	G2_K	0.	0.	0.
16	16	12	Q_K	0.	0.	0.
16	16	11	Q_K	0.	0.	0.
16	16	158	Q_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
16	16	102	Q_K	0.	0.	0.
16	16	12	N_K	0.	0.	0.
16	16	11	N_K	0.	0.	0.
16	16	158	N_K	0.	0.	0.
16	16	102	N_K	0.	0.	0.
16	16	12	T+_K	0.	0.	0.
16	16	11	T+_K	0.	0.	0.
16	16	158	T+_K	0.	0.	0.
16	16	102	T+_K	0.	0.	0.
16	16	12	T-_K	0.	0.	0.
16	16	11	T-_K	0.	0.	0.
16	16	158	T-_K	0.	0.	0.
16	16	102	T-_K	0.	0.	0.
16	16	12	G1_D	0.	0.	0.
16	16	11	G1_D	0.	0.	0.
16	16	158	G1_D	0.	0.	0.
16	16	102	G1_D	0.	0.	0.
16	16	12	G2_D	0.	0.	0.
16	16	11	G2_D	0.	0.	0.
16	16	158	G2_D	0.	0.	0.
16	16	102	G2_D	0.	0.	0.
16	16	12	Q_D	0.	0.	0.
16	16	11	Q_D	0.	0.	0.
16	16	158	Q_D	0.	0.	0.
16	16	102	Q_D	0.	0.	0.
16	16	12	N_D	0.	0.	0.
16	16	11	N_D	0.	0.	0.
16	16	158	N_D	0.	0.	0.
16	16	102	N_D	0.	0.	0.
16	16	12	T+_D	0.	0.	0.
16	16	11	T+_D	0.	0.	0.
16	16	158	T+_D	0.	0.	0.
16	16	102	T+_D	0.	0.	0.
16	16	12	T-_D	0.	0.	0.
16	16	11	T-_D	0.	0.	0.
16	16	158	T-_D	0.	0.	0.
16	16	102	T-_D	0.	0.	0.
16	16	12	W+_K	0.	0.	0.
16	16	11	W+_K	0.	0.	0.
16	16	158	W+_K	0.	0.	0.
16	16	102	W+_K	0.	0.	0.
16	16	12	W-_K	0.	0.	0.
16	16	11	W-_K	0.	0.	0.
16	16	158	W-_K	0.	0.	0.
16	16	102	W-_K	0.	0.	0.
16	16	12	W+_D	0.	0.	0.
16	16	11	W+_D	0.	0.	0.
16	16	158	W+_D	0.	0.	0.
16	16	102	W+_D	0.	0.	0.
16	16	12	W-_D	0.	0.	0.
16	16	11	W-_D	0.	0.	0.
16	16	158	W-_D	0.	0.	0.
16	16	102	W-_D	0.	0.	0.
16	16	12	SISMA SLV X	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
16	16	11	SISMA SLV X	0.	0.	0.
16	16	158	SISMA SLV X	0.	0.	0.
16	16	102	SISMA SLV X	0.	0.	0.
16	16	12	SISMA SLV Y	0.	0.	0.
16	16	11	SISMA SLV Y	0.	0.	0.
16	16	158	SISMA SLV Y	0.	0.	0.
16	16	102	SISMA SLV Y	0.	0.	0.
16	16	12	SISMA SLD X	0.	0.	0.
16	16	11	SISMA SLD X	0.	0.	0.
16	16	158	SISMA SLD X	0.	0.	0.
16	16	102	SISMA SLD X	0.	0.	0.
16	16	12	SISMA SLD Y	0.	0.	0.
16	16	11	SISMA SLD Y	0.	0.	0.
16	16	158	SISMA SLD Y	0.	0.	0.
16	16	102	SISMA SLD Y	0.	0.	0.
16	16	12	SISMA SLO X	0.	0.	0.
16	16	11	SISMA SLO X	0.	0.	0.
16	16	158	SISMA SLO X	0.	0.	0.
16	16	102	SISMA SLO X	0.	0.	0.
16	16	12	SISMA SLO Y	0.	0.	0.
16	16	11	SISMA SLO Y	0.	0.	0.
16	16	158	SISMA SLO Y	0.	0.	0.
16	16	102	SISMA SLO Y	0.	0.	0.
16	16	12	SLT	0.	0.	0.
16	16	11	SLT	0.	0.	0.
16	16	158	SLT	0.	0.	0.
16	16	102	SLT	0.	0.	0.
16	16	12	~TorsionSISMA SLV X	0.	0.	0.
16	16	11	~TorsionSISMA SLV X	0.	0.	0.
16	16	158	~TorsionSISMA SLV X	0.	0.	0.
16	16	102	~TorsionSISMA SLV X	0.	0.	0.
16	16	12	~TorsionSISMA SLV Y	0.	0.	0.
16	16	11	~TorsionSISMA SLV Y	0.	0.	0.
16	16	158	~TorsionSISMA SLV Y	0.	0.	0.
16	16	102	~TorsionSISMA SLV Y	0.	0.	0.
16	16	12	~TorsionSISMA SLD X	0.	0.	0.
16	16	11	~TorsionSISMA SLD X	0.	0.	0.
16	16	158	~TorsionSISMA SLD X	0.	0.	0.
16	16	102	~TorsionSISMA SLD X	0.	0.	0.
16	16	12	~TorsionSISMA SLD Y	0.	0.	0.
16	16	11	~TorsionSISMA SLD Y	0.	0.	0.
16	16	158	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
16	16	102	~TorsionSISMA SLD Y	0.	0.	0.
16	16	12	~TorsionSISMA SLO X	0.	0.	0.
16	16	11	~TorsionSISMA SLO X	0.	0.	0.
16	16	158	~TorsionSISMA SLO X	0.	0.	0.
16	16	102	~TorsionSISMA SLO X	0.	0.	0.
16	16	12	~TorsionSISMA SLO Y	0.	0.	0.
16	16	11	~TorsionSISMA SLO Y	0.	0.	0.
16	16	158	~TorsionSISMA SLO Y	0.	0.	0.
16	16	102	~TorsionSISMA SLO Y	0.	0.	0.
17	17	11	G1_K	0.	0.	0.
17	17	13	G1_K	0.	0.	0.
17	17	155	G1_K	0.	0.	0.
17	17	158	G1_K	0.	0.	0.
17	17	11	G2_K	0.	0.	0.
17	17	13	G2_K	0.	0.	0.
17	17	155	G2_K	0.	0.	0.
17	17	158	G2_K	0.	0.	0.
17	17	11	Q_K	0.	0.	0.
17	17	13	Q_K	0.	0.	0.
17	17	155	Q_K	0.	0.	0.
17	17	158	Q_K	0.	0.	0.
17	17	11	N_K	0.	0.	0.
17	17	13	N_K	0.	0.	0.
17	17	155	N_K	0.	0.	0.
17	17	158	N_K	0.	0.	0.
17	17	11	T+_K	0.	0.	0.
17	17	13	T+_K	0.	0.	0.
17	17	155	T+_K	0.	0.	0.
17	17	158	T+_K	0.	0.	0.
17	17	11	T-_K	0.	0.	0.
17	17	13	T-_K	0.	0.	0.
17	17	155	T-_K	0.	0.	0.
17	17	158	T-_K	0.	0.	0.
17	17	11	G1_D	0.	0.	0.
17	17	13	G1_D	0.	0.	0.
17	17	155	G1_D	0.	0.	0.
17	17	158	G1_D	0.	0.	0.
17	17	11	G2_D	0.	0.	0.
17	17	13	G2_D	0.	0.	0.
17	17	155	G2_D	0.	0.	0.
17	17	158	G2_D	0.	0.	0.
17	17	11	Q_D	0.	0.	0.
17	17	13	Q_D	0.	0.	0.
17	17	155	Q_D	0.	0.	0.
17	17	158	Q_D	0.	0.	0.
17	17	11	N_D	0.	0.	0.
17	17	13	N_D	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
17	17	155	N_D	0.	0.	0.
17	17	158	N_D	0.	0.	0.
17	17	11	T+_D	0.	0.	0.
17	17	13	T+_D	0.	0.	0.
17	17	155	T+_D	0.	0.	0.
17	17	158	T+_D	0.	0.	0.
17	17	11	T-_D	0.	0.	0.
17	17	13	T-_D	0.	0.	0.
17	17	155	T-_D	0.	0.	0.
17	17	158	T-_D	0.	0.	0.
17	17	11	W+_K	0.	0.	0.
17	17	13	W+_K	0.	0.	0.
17	17	155	W+_K	0.	0.	0.
17	17	158	W+_K	0.	0.	0.
17	17	11	W-_K	0.	0.	0.
17	17	13	W-_K	0.	0.	0.
17	17	155	W-_K	0.	0.	0.
17	17	158	W-_K	0.	0.	0.
17	17	11	W+_D	0.	0.	0.
17	17	13	W+_D	0.	0.	0.
17	17	155	W+_D	0.	0.	0.
17	17	158	W+_D	0.	0.	0.
17	17	11	W-_D	0.	0.	0.
17	17	13	W-_D	0.	0.	0.
17	17	155	W-_D	0.	0.	0.
17	17	158	W-_D	0.	0.	0.
17	17	11	SISMA SLV X	0.	0.	0.
17	17	13	SISMA SLV X	0.	0.	0.
17	17	155	SISMA SLV X	0.	0.	0.
17	17	158	SISMA SLV X	0.	0.	0.
17	17	11	SISMA SLV Y	0.	0.	0.
17	17	13	SISMA SLV Y	0.	0.	0.
17	17	155	SISMA SLV Y	0.	0.	0.
17	17	158	SISMA SLV Y	0.	0.	0.
17	17	11	SISMA SLD X	0.	0.	0.
17	17	13	SISMA SLD X	0.	0.	0.
17	17	155	SISMA SLD X	0.	0.	0.
17	17	158	SISMA SLD X	0.	0.	0.
17	17	11	SISMA SLD Y	0.	0.	0.
17	17	13	SISMA SLD Y	0.	0.	0.
17	17	155	SISMA SLD Y	0.	0.	0.
17	17	158	SISMA SLD Y	0.	0.	0.
17	17	11	SISMA SLO X	0.	0.	0.
17	17	13	SISMA SLO X	0.	0.	0.
17	17	155	SISMA SLO X	0.	0.	0.
17	17	158	SISMA SLO X	0.	0.	0.
17	17	11	SISMA SLO Y	0.	0.	0.
17	17	13	SISMA SLO Y	0.	0.	0.
17	17	155	SISMA SLO Y	0.	0.	0.
17	17	158	SISMA SLO Y	0.	0.	0.
17	17	11	SLT	0.	0.	0.
17	17	13	SLT	0.	0.	0.
17	17	155	SLT	0.	0.	0.
17	17	158	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
17	17	11	~TorsionSISMA SLV X	0.	0.	0.
17	17	13	~TorsionSISMA SLV X	0.	0.	0.
17	17	155	~TorsionSISMA SLV X	0.	0.	0.
17	17	158	~TorsionSISMA SLV X	0.	0.	0.
17	17	11	~TorsionSISMA SLV Y	0.	0.	0.
17	17	13	~TorsionSISMA SLV Y	0.	0.	0.
17	17	155	~TorsionSISMA SLV Y	0.	0.	0.
17	17	158	~TorsionSISMA SLV Y	0.	0.	0.
17	17	11	~TorsionSISMA SLD X	0.	0.	0.
17	17	13	~TorsionSISMA SLD X	0.	0.	0.
17	17	155	~TorsionSISMA SLD X	0.	0.	0.
17	17	158	~TorsionSISMA SLD X	0.	0.	0.
17	17	11	~TorsionSISMA SLD Y	0.	0.	0.
17	17	13	~TorsionSISMA SLD Y	0.	0.	0.
17	17	155	~TorsionSISMA SLD Y	0.	0.	0.
17	17	158	~TorsionSISMA SLD Y	0.	0.	0.
17	17	11	~TorsionSISMA SLO X	0.	0.	0.
17	17	13	~TorsionSISMA SLO X	0.	0.	0.
17	17	155	~TorsionSISMA SLO X	0.	0.	0.
17	17	158	~TorsionSISMA SLO X	0.	0.	0.
17	17	11	~TorsionSISMA SLO Y	0.	0.	0.
17	17	13	~TorsionSISMA SLO Y	0.	0.	0.
17	17	155	~TorsionSISMA SLO Y	0.	0.	0.
17	17	158	~TorsionSISMA SLO Y	0.	0.	0.
18	18	13	G1_K	0.	0.	0.
18	18	14	G1_K	0.	0.	0.
18	18	150	G1_K	0.	0.	0.
18	18	155	G1_K	0.	0.	0.
18	18	13	G2_K	0.	0.	0.
18	18	14	G2_K	0.	0.	0.
18	18	150	G2_K	0.	0.	0.
18	18	155	G2_K	0.	0.	0.
18	18	13	Q_K	0.	0.	0.
18	18	14	Q_K	0.	0.	0.
18	18	150	Q_K	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
18	18	155	Q_K	0.	0.	0.
18	18	13	N_K	0.	0.	0.
18	18	14	N_K	0.	0.	0.
18	18	150	N_K	0.	0.	0.
18	18	155	N_K	0.	0.	0.
18	18	13	T+_K	0.	0.	0.
18	18	14	T+_K	0.	0.	0.
18	18	150	T+_K	0.	0.	0.
18	18	155	T+_K	0.	0.	0.
18	18	13	T-_K	0.	0.	0.
18	18	14	T-_K	0.	0.	0.
18	18	150	T-_K	0.	0.	0.
18	18	155	T-_K	0.	0.	0.
18	18	13	G1_D	0.	0.	0.
18	18	14	G1_D	0.	0.	0.
18	18	150	G1_D	0.	0.	0.
18	18	155	G1_D	0.	0.	0.
18	18	13	G2_D	0.	0.	0.
18	18	14	G2_D	0.	0.	0.
18	18	150	G2_D	0.	0.	0.
18	18	155	G2_D	0.	0.	0.
18	18	13	Q_D	0.	0.	0.
18	18	14	Q_D	0.	0.	0.
18	18	150	Q_D	0.	0.	0.
18	18	155	Q_D	0.	0.	0.
18	18	13	N_D	0.	0.	0.
18	18	14	N_D	0.	0.	0.
18	18	150	N_D	0.	0.	0.
18	18	155	N_D	0.	0.	0.
18	18	13	T+_D	0.	0.	0.
18	18	14	T+_D	0.	0.	0.
18	18	150	T+_D	0.	0.	0.
18	18	155	T+_D	0.	0.	0.
18	18	13	T-_D	0.	0.	0.
18	18	14	T-_D	0.	0.	0.
18	18	150	T-_D	0.	0.	0.
18	18	155	T-_D	0.	0.	0.
18	18	13	W+_K	0.	0.	0.
18	18	14	W+_K	0.	0.	0.
18	18	150	W+_K	0.	0.	0.
18	18	155	W+_K	0.	0.	0.
18	18	13	W-_K	0.	0.	0.
18	18	14	W-_K	0.	0.	0.
18	18	150	W-_K	0.	0.	0.
18	18	155	W-_K	0.	0.	0.
18	18	13	W+_D	0.	0.	0.
18	18	14	W+_D	0.	0.	0.
18	18	150	W+_D	0.	0.	0.
18	18	155	W+_D	0.	0.	0.
18	18	13	W-_D	0.	0.	0.
18	18	14	W-_D	0.	0.	0.
18	18	150	W-_D	0.	0.	0.
18	18	155	W-_D	0.	0.	0.
18	18	13	SISMA SLV X	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
18	18	14	SISMA SLV X	0.	0.	0.
18	18	150	SISMA SLV X	0.	0.	0.
18	18	155	SISMA SLV X	0.	0.	0.
18	18	13	SISMA SLV Y	0.	0.	0.
18	18	14	SISMA SLV Y	0.	0.	0.
18	18	150	SISMA SLV Y	0.	0.	0.
18	18	155	SISMA SLV Y	0.	0.	0.
18	18	13	SISMA SLD X	0.	0.	0.
18	18	14	SISMA SLD X	0.	0.	0.
18	18	150	SISMA SLD X	0.	0.	0.
18	18	155	SISMA SLD X	0.	0.	0.
18	18	13	SISMA SLD Y	0.	0.	0.
18	18	14	SISMA SLD Y	0.	0.	0.
18	18	150	SISMA SLD Y	0.	0.	0.
18	18	155	SISMA SLD Y	0.	0.	0.
18	18	13	SISMA SLO X	0.	0.	0.
18	18	14	SISMA SLO X	0.	0.	0.
18	18	150	SISMA SLO X	0.	0.	0.
18	18	155	SISMA SLO X	0.	0.	0.
18	18	13	SISMA SLO Y	0.	0.	0.
18	18	14	SISMA SLO Y	0.	0.	0.
18	18	150	SISMA SLO Y	0.	0.	0.
18	18	155	SISMA SLO Y	0.	0.	0.
18	18	13	SLT	0.	0.	0.
18	18	14	SLT	0.	0.	0.
18	18	150	SLT	0.	0.	0.
18	18	155	SLT	0.	0.	0.
18	18	13	~TorsionSISMA SLV X	0.	0.	0.
18	18	14	~TorsionSISMA SLV X	0.	0.	0.
18	18	150	~TorsionSISMA SLV X	0.	0.	0.
18	18	155	~TorsionSISMA SLV X	0.	0.	0.
18	18	13	~TorsionSISMA SLV Y	0.	0.	0.
18	18	14	~TorsionSISMA SLV Y	0.	0.	0.
18	18	150	~TorsionSISMA SLV Y	0.	0.	0.
18	18	155	~TorsionSISMA SLV Y	0.	0.	0.
18	18	13	~TorsionSISMA SLD X	0.	0.	0.
18	18	14	~TorsionSISMA SLD X	0.	0.	0.
18	18	150	~TorsionSISMA SLD X	0.	0.	0.
18	18	155	~TorsionSISMA SLD X	0.	0.	0.
18	18	13	~TorsionSISMA SLD Y	0.	0.	0.
18	18	14	~TorsionSISMA SLD Y	0.	0.	0.
18	18	150	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
18	18	155	~TorsionSISMA SLD Y	0.	0.	0.
18	18	13	~TorsionSISMA SLO X	0.	0.	0.
18	18	14	~TorsionSISMA SLO X	0.	0.	0.
18	18	150	~TorsionSISMA SLO X	0.	0.	0.
18	18	155	~TorsionSISMA SLO X	0.	0.	0.
18	18	13	~TorsionSISMA SLO Y	0.	0.	0.
18	18	14	~TorsionSISMA SLO Y	0.	0.	0.
18	18	150	~TorsionSISMA SLO Y	0.	0.	0.
18	18	155	~TorsionSISMA SLO Y	0.	0.	0.
19	19	14	G1_K	0.	0.	0.
19	19	169	G1_K	0.	0.	0.
19	19	99	G1_K	0.	0.	0.
19	19	150	G1_K	0.	0.	0.
19	19	14	G2_K	0.	0.	0.
19	19	169	G2_K	0.	0.	0.
19	19	99	G2_K	0.	0.	0.
19	19	150	G2_K	0.	0.	0.
19	19	14	Q_K	0.	0.	0.
19	19	169	Q_K	0.	0.	0.
19	19	99	Q_K	0.	0.	0.
19	19	150	Q_K	0.	0.	0.
19	19	14	N_K	0.	0.	0.
19	19	169	N_K	0.	0.	0.
19	19	99	N_K	0.	0.	0.
19	19	150	N_K	0.	0.	0.
19	19	14	T+_K	0.	0.	0.
19	19	169	T+_K	0.	0.	0.
19	19	99	T+_K	0.	0.	0.
19	19	150	T+_K	0.	0.	0.
19	19	14	T-_K	0.	0.	0.
19	19	169	T-_K	0.	0.	0.
19	19	99	T-_K	0.	0.	0.
19	19	150	T-_K	0.	0.	0.
19	19	14	G1_D	0.	0.	0.
19	19	169	G1_D	0.	0.	0.
19	19	99	G1_D	0.	0.	0.
19	19	150	G1_D	0.	0.	0.
19	19	14	G2_D	0.	0.	0.
19	19	169	G2_D	0.	0.	0.
19	19	99	G2_D	0.	0.	0.
19	19	150	G2_D	0.	0.	0.
19	19	14	Q_D	0.	0.	0.
19	19	169	Q_D	0.	0.	0.
19	19	99	Q_D	0.	0.	0.
19	19	150	Q_D	0.	0.	0.
19	19	14	N_D	0.	0.	0.
19	19	169	N_D	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
19	19	99	N_D	0.	0.	0.
19	19	150	N_D	0.	0.	0.
19	19	14	T+_D	0.	0.	0.
19	19	169	T+_D	0.	0.	0.
19	19	99	T+_D	0.	0.	0.
19	19	150	T+_D	0.	0.	0.
19	19	14	T-_D	0.	0.	0.
19	19	169	T-_D	0.	0.	0.
19	19	99	T-_D	0.	0.	0.
19	19	150	T-_D	0.	0.	0.
19	19	14	W+_K	0.	0.	0.
19	19	169	W+_K	0.	0.	0.
19	19	99	W+_K	0.	0.	0.
19	19	150	W+_K	0.	0.	0.
19	19	14	W-_K	0.	0.	0.
19	19	169	W-_K	0.	0.	0.
19	19	99	W-_K	0.	0.	0.
19	19	150	W-_K	0.	0.	0.
19	19	14	W+_D	0.	0.	0.
19	19	169	W+_D	0.	0.	0.
19	19	99	W+_D	0.	0.	0.
19	19	150	W+_D	0.	0.	0.
19	19	14	W-_D	0.	0.	0.
19	19	169	W-_D	0.	0.	0.
19	19	99	W-_D	0.	0.	0.
19	19	150	W-_D	0.	0.	0.
19	19	14	SISMA SLV X	0.	0.	0.
19	19	169	SISMA SLV X	0.	0.	0.
19	19	99	SISMA SLV X	0.	0.	0.
19	19	150	SISMA SLV X	0.	0.	0.
19	19	14	SISMA SLV Y	0.	0.	0.
19	19	169	SISMA SLV Y	0.	0.	0.
19	19	99	SISMA SLV Y	0.	0.	0.
19	19	150	SISMA SLV Y	0.	0.	0.
19	19	14	SISMA SLD X	0.	0.	0.
19	19	169	SISMA SLD X	0.	0.	0.
19	19	99	SISMA SLD X	0.	0.	0.
19	19	150	SISMA SLD X	0.	0.	0.
19	19	14	SISMA SLD Y	0.	0.	0.
19	19	169	SISMA SLD Y	0.	0.	0.
19	19	99	SISMA SLD Y	0.	0.	0.
19	19	150	SISMA SLD Y	0.	0.	0.
19	19	14	SISMA SLO X	0.	0.	0.
19	19	169	SISMA SLO X	0.	0.	0.
19	19	99	SISMA SLO X	0.	0.	0.
19	19	150	SISMA SLO X	0.	0.	0.
19	19	14	SISMA SLO Y	0.	0.	0.
19	19	169	SISMA SLO Y	0.	0.	0.
19	19	99	SISMA SLO Y	0.	0.	0.
19	19	150	SISMA SLO Y	0.	0.	0.
19	19	14	SLT	0.	0.	0.
19	19	169	SLT	0.	0.	0.
19	19	99	SLT	0.	0.	0.
19	19	150	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
19	19	14	~TorsionSISMA SLV X	0.	0.	0.
19	19	169	~TorsionSISMA SLV X	0.	0.	0.
19	19	99	~TorsionSISMA SLV X	0.	0.	0.
19	19	150	~TorsionSISMA SLV X	0.	0.	0.
19	19	14	~TorsionSISMA SLV Y	0.	0.	0.
19	19	169	~TorsionSISMA SLV Y	0.	0.	0.
19	19	99	~TorsionSISMA SLV Y	0.	0.	0.
19	19	150	~TorsionSISMA SLV Y	0.	0.	0.
19	19	14	~TorsionSISMA SLD X	0.	0.	0.
19	19	169	~TorsionSISMA SLD X	0.	0.	0.
19	19	99	~TorsionSISMA SLD X	0.	0.	0.
19	19	150	~TorsionSISMA SLD X	0.	0.	0.
19	19	14	~TorsionSISMA SLD Y	0.	0.	0.
19	19	169	~TorsionSISMA SLD Y	0.	0.	0.
19	19	99	~TorsionSISMA SLD Y	0.	0.	0.
19	19	150	~TorsionSISMA SLD Y	0.	0.	0.
19	19	14	~TorsionSISMA SLO X	0.	0.	0.
19	19	169	~TorsionSISMA SLO X	0.	0.	0.
19	19	99	~TorsionSISMA SLO X	0.	0.	0.
19	19	150	~TorsionSISMA SLO X	0.	0.	0.
19	19	14	~TorsionSISMA SLO Y	0.	0.	0.
19	19	169	~TorsionSISMA SLO Y	0.	0.	0.
19	19	99	~TorsionSISMA SLO Y	0.	0.	0.
19	19	150	~TorsionSISMA SLO Y	0.	0.	0.
20	20	15	G1_K	66.5	34.09	-0.34
20	20	2	G1_K	1.45	-129.76	-9.25
20	20	139	G1_K	-60.49	-230.97	-56.64
20	20	106	G1_K	3.18	-61.64	-47.73
20	20	15	G2_K	4.01	-4.81	-16.06
20	20	2	G2_K	-0.98	11.23	-30.9
20	20	139	G2_K	-13.42	19.34	-16.15
20	20	106	G2_K	-8.27	2.81	-1.31
20	20	15	Q_K	42.37	25.97	-0.71
20	20	2	Q_K	0.24	-79.1	-6.43
20	20	139	Q_K	-38.52	-144.46	-36.71

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
20	20	106	Q_K	2.72	-35.85	-31.
20	20	15	N_K	5.08	3.12	-8.557E-02
20	20	2	N_K	2.827E-02	-9.49	-0.77
20	20	139	N_K	-4.62	-17.34	-4.41
20	20	106	N_K	0.33	-4.3	-3.72
20	20	15	T+_K	0.	0.	0.
20	20	2	T+_K	0.	0.	0.
20	20	139	T+_K	0.	0.	0.
20	20	106	T+_K	0.	0.	0.
20	20	15	T-_K	0.	0.	0.
20	20	2	T-_K	0.	0.	0.
20	20	139	T-_K	0.	0.	0.
20	20	106	T-_K	0.	0.	0.
20	20	15	G1_D	86.45	44.31	-0.45
20	20	2	G1_D	1.89	-168.68	-12.03
20	20	139	G1_D	-78.63	-300.27	-73.63
20	20	106	G1_D	4.13	-80.13	-62.04
20	20	15	G2_D	5.22	-6.25	-20.87
20	20	2	G2_D	-1.28	14.6	-40.17
20	20	139	G2_D	-17.45	25.14	-21.
20	20	106	G2_D	-10.75	3.65	-1.7
20	20	15	Q_D	63.55	38.95	-1.07
20	20	2	Q_D	0.35	-118.65	-9.65
20	20	139	Q_D	-57.78	-216.69	-55.07
20	20	106	Q_D	4.07	-53.77	-46.49
20	20	15	N_D	7.63	4.67	-0.13
20	20	2	N_D	4.241E-02	-14.24	-1.16
20	20	139	N_D	-6.93	-26.	-6.61
20	20	106	N_D	0.49	-6.45	-5.58
20	20	15	T+_D	0.	0.	0.
20	20	2	T+_D	0.	0.	0.
20	20	139	T+_D	0.	0.	0.
20	20	106	T+_D	0.	0.	0.
20	20	15	T-_D	0.	0.	0.
20	20	2	T-_D	0.	0.	0.
20	20	139	T-_D	0.	0.	0.
20	20	106	T-_D	0.	0.	0.
20	20	15	W+_K	0.	0.	0.
20	20	2	W+_K	0.	0.	0.
20	20	139	W+_K	0.	0.	0.
20	20	106	W+_K	0.	0.	0.
20	20	15	W-_K	0.	0.	0.
20	20	2	W-_K	0.	0.	0.
20	20	139	W-_K	0.	0.	0.
20	20	106	W-_K	0.	0.	0.
20	20	15	W+_D	0.	0.	0.
20	20	2	W+_D	0.	0.	0.
20	20	139	W+_D	0.	0.	0.
20	20	106	W+_D	0.	0.	0.
20	20	15	W-_D	0.	0.	0.
20	20	2	W-_D	0.	0.	0.
20	20	139	W-_D	0.	0.	0.
20	20	106	W-_D	0.	0.	0.
20	20	15	SISMA SLV X	25.11	8.62	6.31

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
20	20	2	SISMA SLV X	1.76	13.62	22.77
20	20	139	SISMA SLV X	13.42	27.3	22.92
20	20	106	SISMA SLV X	13.92	5.88	7.9
20	20	15	SISMA SLV Y	14.16	6.88	3.18
20	20	2	SISMA SLV Y	1.29	8.98	10.49
20	20	139	SISMA SLV Y	11.78	14.61	13.04
20	20	106	SISMA SLV Y	20.05	7.14	5.86
20	20	15	SISMA SLD X	12.26	4.21	3.08
20	20	2	SISMA SLD X	0.86	6.65	11.12
20	20	139	SISMA SLD X	6.56	13.33	11.2
20	20	106	SISMA SLD X	6.8	2.87	3.86
20	20	15	SISMA SLD Y	6.92	3.36	1.56
20	20	2	SISMA SLD Y	0.63	4.39	5.13
20	20	139	SISMA SLD Y	5.75	7.14	6.37
20	20	106	SISMA SLD Y	9.79	3.49	2.86
20	20	15	SISMA SLO X	10.16	3.49	2.55
20	20	2	SISMA SLO X	0.71	5.51	9.21
20	20	139	SISMA SLO X	5.43	11.05	9.28
20	20	106	SISMA SLO X	5.63	2.38	3.2
20	20	15	SISMA SLO Y	5.73	2.78	1.29
20	20	2	SISMA SLO Y	0.52	3.63	4.25
20	20	139	SISMA SLO Y	4.76	5.91	5.28
20	20	106	SISMA SLO Y	8.11	2.89	2.37
20	20	15	SLT	0.	0.	0.
20	20	2	SLT	0.	0.	0.
20	20	139	SLT	0.	0.	0.
20	20	106	SLT	0.	0.	0.
20	20	15	~TorsionSISMA SLV X	0.	0.	0.
20	20	2	~TorsionSISMA SLV X	0.	0.	0.
20	20	139	~TorsionSISMA SLV X	0.	0.	0.
20	20	106	~TorsionSISMA SLV X	0.	0.	0.
20	20	15	~TorsionSISMA SLV Y	0.	0.	0.
20	20	2	~TorsionSISMA SLV Y	0.	0.	0.
20	20	139	~TorsionSISMA SLV Y	0.	0.	0.
20	20	106	~TorsionSISMA SLV Y	0.	0.	0.
20	20	15	~TorsionSISMA SLD X	0.	0.	0.
20	20	2	~TorsionSISMA SLD X	0.	0.	0.
20	20	139	~TorsionSISMA SLD X	0.	0.	0.
20	20	106	~TorsionSISMA SLD X	0.	0.	0.
20	20	15	~TorsionSISMA SLD Y	0.	0.	0.
20	20	2	~TorsionSISMA SLD Y	0.	0.	0.
20	20	139	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
20	20	106	~TorsionSISMA SLD Y	0.	0.	0.
20	20	15	~TorsionSISMA SLO X	0.	0.	0.
20	20	2	~TorsionSISMA SLO X	0.	0.	0.
20	20	139	~TorsionSISMA SLO X	0.	0.	0.
20	20	106	~TorsionSISMA SLO X	0.	0.	0.
20	20	15	~TorsionSISMA SLO Y	0.	0.	0.
20	20	2	~TorsionSISMA SLO Y	0.	0.	0.
20	20	139	~TorsionSISMA SLO Y	0.	0.	0.
20	20	106	~TorsionSISMA SLO Y	0.	0.	0.
21	21	137	G1_K	-6.42	-67.73	9.02
21	21	142	G1_K	-27.39	-138.3	-2.54
21	21	16	G1_K	-49.24	-182.73	-29.32
21	21	2	G1_K	-28.71	-109.96	-17.76
21	21	137	G2_K	-8.92	1.78	-27.21
21	21	142	G2_K	-6.59	39.46	-37.19
21	21	16	G2_K	-17.18	41.96	-28.07
21	21	2	G2_K	-19.36	3.61	-18.09
21	21	137	Q_K	-4.31	-30.46	5.56
21	21	142	Q_K	-18.1	-75.83	-1.05
21	21	16	Q_K	-30.66	-104.02	-18.65
21	21	2	Q_K	-17.16	-57.2	-12.03
21	21	137	N_K	-0.52	-3.65	0.67
21	21	142	N_K	-2.17	-9.1	-0.13
21	21	16	N_K	-3.68	-12.48	-2.24
21	21	2	N_K	-2.06	-6.86	-1.44
21	21	137	T+_K	0.	0.	0.
21	21	142	T+_K	0.	0.	0.
21	21	16	T+_K	0.	0.	0.
21	21	2	T+_K	0.	0.	0.
21	21	137	T-_K	0.	0.	0.
21	21	142	T-_K	0.	0.	0.
21	21	16	T-_K	0.	0.	0.
21	21	2	T-_K	0.	0.	0.
21	21	137	G1_D	-8.35	-88.04	11.72
21	21	142	G1_D	-35.61	-179.78	-3.31
21	21	16	G1_D	-64.01	-237.55	-38.12
21	21	2	G1_D	-37.32	-142.95	-23.09
21	21	137	G2_D	-11.6	2.31	-35.37
21	21	142	G2_D	-8.57	51.29	-48.34
21	21	16	G2_D	-22.33	54.54	-36.49
21	21	2	G2_D	-25.17	4.69	-23.52
21	21	137	Q_D	-6.46	-45.68	8.34
21	21	142	Q_D	-27.15	-113.75	-1.58
21	21	16	Q_D	-45.99	-156.03	-27.97
21	21	2	Q_D	-25.74	-85.79	-18.05
21	21	137	N_D	-0.78	-5.48	1.
21	21	142	N_D	-3.26	-13.65	-0.19

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
21	21	16	N_D	-5.52	-18.72	-3.36
21	21	2	N_D	-3.09	-10.3	-2.17
21	21	137	T+_D	0.	0.	0.
21	21	142	T+_D	0.	0.	0.
21	21	16	T+_D	0.	0.	0.
21	21	2	T+_D	0.	0.	0.
21	21	137	T-_D	0.	0.	0.
21	21	142	T-_D	0.	0.	0.
21	21	16	T-_D	0.	0.	0.
21	21	2	T-_D	0.	0.	0.
21	21	137	W+_K	0.	0.	0.
21	21	142	W+_K	0.	0.	0.
21	21	16	W+_K	0.	0.	0.
21	21	2	W+_K	0.	0.	0.
21	21	137	W-_K	0.	0.	0.
21	21	142	W-_K	0.	0.	0.
21	21	16	W-_K	0.	0.	0.
21	21	2	W-_K	0.	0.	0.
21	21	137	W+_D	0.	0.	0.
21	21	142	W+_D	0.	0.	0.
21	21	16	W+_D	0.	0.	0.
21	21	2	W+_D	0.	0.	0.
21	21	137	W-_D	0.	0.	0.
21	21	142	W-_D	0.	0.	0.
21	21	16	W-_D	0.	0.	0.
21	21	2	W-_D	0.	0.	0.
21	21	137	SISMA SLV X	9.41	13.72	21.37
21	21	142	SISMA SLV X	18.52	25.8	25.04
21	21	16	SISMA SLV X	17.15	21.9	30.63
21	21	2	SISMA SLV X	7.92	9.19	27.08
21	21	137	SISMA SLV Y	14.9	28.44	9.7
21	21	142	SISMA SLV Y	22.7	47.76	11.49
21	21	16	SISMA SLV Y	10.84	31.87	15.45
21	21	2	SISMA SLV Y	4.49	12.14	14.79
21	21	137	SISMA SLD X	4.59	6.7	10.44
21	21	142	SISMA SLD X	9.05	12.6	12.23
21	21	16	SISMA SLD X	8.38	10.7	14.96
21	21	2	SISMA SLD X	3.87	4.49	13.23
21	21	137	SISMA SLD Y	7.28	13.89	4.74
21	21	142	SISMA SLD Y	11.09	23.33	5.61
21	21	16	SISMA SLD Y	5.3	15.57	7.55
21	21	2	SISMA SLD Y	2.19	5.93	7.22
21	21	137	SISMA SLO X	3.81	5.55	8.65
21	21	142	SISMA SLO X	7.49	10.44	10.13
21	21	16	SISMA SLO X	6.94	8.86	12.4
21	21	2	SISMA SLO X	3.21	3.72	10.96
21	21	137	SISMA SLO Y	6.02	11.5	3.93
21	21	142	SISMA SLO Y	9.18	19.32	4.65
21	21	16	SISMA SLO Y	4.39	12.89	6.25
21	21	2	SISMA SLO Y	1.81	4.91	5.98
21	21	137	SLT	0.	0.	0.
21	21	142	SLT	0.	0.	0.
21	21	16	SLT	0.	0.	0.
21	21	2	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
21	21	137	~TorsionSISMA SLV X	0.	0.	0.
21	21	142	~TorsionSISMA SLV X	0.	0.	0.
21	21	16	~TorsionSISMA SLV X	0.	0.	0.
21	21	2	~TorsionSISMA SLV X	0.	0.	0.
21	21	137	~TorsionSISMA SLV Y	0.	0.	0.
21	21	142	~TorsionSISMA SLV Y	0.	0.	0.
21	21	16	~TorsionSISMA SLV Y	0.	0.	0.
21	21	2	~TorsionSISMA SLV Y	0.	0.	0.
21	21	137	~TorsionSISMA SLD X	0.	0.	0.
21	21	142	~TorsionSISMA SLD X	0.	0.	0.
21	21	16	~TorsionSISMA SLD X	0.	0.	0.
21	21	2	~TorsionSISMA SLD X	0.	0.	0.
21	21	137	~TorsionSISMA SLD Y	0.	0.	0.
21	21	142	~TorsionSISMA SLD Y	0.	0.	0.
21	21	16	~TorsionSISMA SLD Y	0.	0.	0.
21	21	2	~TorsionSISMA SLD Y	0.	0.	0.
21	21	137	~TorsionSISMA SLO X	0.	0.	0.
21	21	142	~TorsionSISMA SLO X	0.	0.	0.
21	21	16	~TorsionSISMA SLO X	0.	0.	0.
21	21	2	~TorsionSISMA SLO X	0.	0.	0.
21	21	137	~TorsionSISMA SLO Y	0.	0.	0.
21	21	142	~TorsionSISMA SLO Y	0.	0.	0.
21	21	16	~TorsionSISMA SLO Y	0.	0.	0.
21	21	2	~TorsionSISMA SLO Y	0.	0.	0.
22	22	2	G1_K	-39.94	-155.85	-33.6
22	22	16	G1_K	-46.88	-181.21	-6.61
22	22	143	G1_K	-50.63	-233.89	-17.78
22	22	139	G1_K	-43.6	-209.79	-44.77
22	22	2	G2_K	-17.1	11.86	-28.37
22	22	16	G2_K	-20.7	27.41	-22.9
22	22	143	G2_K	-11.84	31.	-7.09
22	22	139	G2_K	-8.39	16.5	-12.56
22	22	2	Q_K	-26.41	-96.15	-22.14
22	22	16	Q_K	-30.4	-110.03	-4.47
22	22	143	Q_K	-31.38	-143.59	-11.2

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
22	22	139	Q_K	-27.33	-130.5	-28.88
22	22	2	N_K	-3.17	-11.54	-2.66
22	22	16	N_K	-3.65	-13.2	-0.54
22	22	143	N_K	-3.77	-17.23	-1.34
22	22	139	N_K	-3.28	-15.66	-3.47
22	22	2	T+_K	0.	0.	0.
22	22	16	T+_K	0.	0.	0.
22	22	143	T+_K	0.	0.	0.
22	22	139	T+_K	0.	0.	0.
22	22	2	T-_K	0.	0.	0.
22	22	16	T-_K	0.	0.	0.
22	22	143	T-_K	0.	0.	0.
22	22	139	T-_K	0.	0.	0.
22	22	2	G1_D	-51.93	-202.6	-43.68
22	22	16	G1_D	-60.94	-235.58	-8.59
22	22	143	G1_D	-65.81	-304.06	-23.11
22	22	139	G1_D	-56.68	-272.72	-58.2
22	22	2	G2_D	-22.23	15.42	-36.88
22	22	16	G2_D	-26.91	35.64	-29.77
22	22	143	G2_D	-15.39	40.3	-9.22
22	22	139	G2_D	-10.91	21.45	-16.33
22	22	2	Q_D	-39.61	-144.23	-33.21
22	22	16	Q_D	-45.61	-165.04	-6.7
22	22	143	Q_D	-47.07	-215.39	-16.81
22	22	139	Q_D	-41.	-195.76	-43.32
22	22	2	N_D	-4.75	-17.31	-3.99
22	22	16	N_D	-5.47	-19.8	-0.8
22	22	143	N_D	-5.65	-25.85	-2.02
22	22	139	N_D	-4.92	-23.49	-5.2
22	22	2	T+_D	0.	0.	0.
22	22	16	T+_D	0.	0.	0.
22	22	143	T+_D	0.	0.	0.
22	22	139	T+_D	0.	0.	0.
22	22	2	T-_D	0.	0.	0.
22	22	16	T-_D	0.	0.	0.
22	22	143	T-_D	0.	0.	0.
22	22	139	T-_D	0.	0.	0.
22	22	2	W+_K	0.	0.	0.
22	22	16	W+_K	0.	0.	0.
22	22	143	W+_K	0.	0.	0.
22	22	139	W+_K	0.	0.	0.
22	22	2	W-_K	0.	0.	0.
22	22	16	W-_K	0.	0.	0.
22	22	143	W-_K	0.	0.	0.
22	22	139	W-_K	0.	0.	0.
22	22	2	W+_D	0.	0.	0.
22	22	16	W+_D	0.	0.	0.
22	22	143	W+_D	0.	0.	0.
22	22	139	W+_D	0.	0.	0.
22	22	2	W-_D	0.	0.	0.
22	22	16	W-_D	0.	0.	0.
22	22	143	W-_D	0.	0.	0.
22	22	139	W-_D	0.	0.	0.
22	22	2	SISMA SLV X	11.94	22.95	32.04

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
22	22	16	SISMA SLV X	16.61	19.54	25.62
22	22	143	SISMA SLV X	11.7	22.4	6.78
22	22	139	SISMA SLV X	7.99	22.08	13.39
22	22	2	SISMA SLV Y	9.58	28.72	17.97
22	22	16	SISMA SLV Y	7.54	20.8	12.92
22	22	143	SISMA SLV Y	23.17	25.45	4.03
22	22	139	SISMA SLV Y	15.3	17.91	6.88
22	22	2	SISMA SLD X	5.83	11.21	15.65
22	22	16	SISMA SLD X	8.11	9.54	12.51
22	22	143	SISMA SLD X	5.71	10.94	3.31
22	22	139	SISMA SLD X	3.9	10.79	6.54
22	22	2	SISMA SLD Y	4.68	14.03	8.78
22	22	16	SISMA SLD Y	3.68	10.16	6.31
22	22	143	SISMA SLD Y	11.32	12.43	1.97
22	22	139	SISMA SLD Y	7.47	8.74	3.36
22	22	2	SISMA SLO X	4.83	9.29	12.96
22	22	16	SISMA SLO X	6.72	7.91	10.37
22	22	143	SISMA SLO X	4.73	9.06	2.74
22	22	139	SISMA SLO X	3.23	8.94	5.42
22	22	2	SISMA SLO Y	3.88	11.62	7.27
22	22	16	SISMA SLO Y	3.05	8.41	5.23
22	22	143	SISMA SLO Y	9.37	10.29	1.63
22	22	139	SISMA SLO Y	6.19	7.24	2.78
22	22	2	SLT	0.	0.	0.
22	22	16	SLT	0.	0.	0.
22	22	143	SLT	0.	0.	0.
22	22	139	SLT	0.	0.	0.
22	22	2	~TorsionSISMA SLV X	0.	0.	0.
22	22	16	~TorsionSISMA SLV X	0.	0.	0.
22	22	143	~TorsionSISMA SLV X	0.	0.	0.
22	22	139	~TorsionSISMA SLV X	0.	0.	0.
22	22	2	~TorsionSISMA SLV Y	0.	0.	0.
22	22	16	~TorsionSISMA SLV Y	0.	0.	0.
22	22	143	~TorsionSISMA SLV Y	0.	0.	0.
22	22	139	~TorsionSISMA SLV Y	0.	0.	0.
22	22	2	~TorsionSISMA SLD X	0.	0.	0.
22	22	16	~TorsionSISMA SLD X	0.	0.	0.
22	22	143	~TorsionSISMA SLD X	0.	0.	0.
22	22	139	~TorsionSISMA SLD X	0.	0.	0.
22	22	2	~TorsionSISMA SLD Y	0.	0.	0.
22	22	16	~TorsionSISMA SLD Y	0.	0.	0.
22	22	143	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
22	22	139	~TorsionSISMA SLD Y	0.	0.	0.
22	22	2	~TorsionSISMA SLO X	0.	0.	0.
22	22	16	~TorsionSISMA SLO X	0.	0.	0.
22	22	143	~TorsionSISMA SLO X	0.	0.	0.
22	22	139	~TorsionSISMA SLO X	0.	0.	0.
22	22	2	~TorsionSISMA SLO Y	0.	0.	0.
22	22	16	~TorsionSISMA SLO Y	0.	0.	0.
22	22	143	~TorsionSISMA SLO Y	0.	0.	0.
22	22	139	~TorsionSISMA SLO Y	0.	0.	0.
23	23	142	G1_K	-23.3	-137.19	-15.77
23	23	145	G1_K	-35.15	-167.67	-10.82
23	23	111	G1_K	-42.43	-208.79	-16.61
23	23	16	G1_K	-30.36	-179.24	-21.56
23	23	142	G2_K	15.51	45.47	-17.07
23	23	145	G2_K	1.65	-35.1	-17.05
23	23	111	G2_K	-30.27	-41.38	-46.33
23	23	16	G2_K	-16.64	40.47	-46.34
23	23	142	Q_K	-16.48	-75.54	-8.99
23	23	145	Q_K	-22.5	-87.2	-5.5
23	23	111	Q_K	-24.35	-112.57	-8.51
23	23	16	Q_K	-18.2	-101.5	-11.99
23	23	142	N_K	-1.98	-9.06	-1.08
23	23	145	N_K	-2.7	-10.46	-0.66
23	23	111	N_K	-2.92	-13.51	-1.02
23	23	16	N_K	-2.18	-12.18	-1.44
23	23	142	T+_K	0.	0.	0.
23	23	145	T+_K	0.	0.	0.
23	23	111	T+_K	0.	0.	0.
23	23	16	T+_K	0.	0.	0.
23	23	142	T-_K	0.	0.	0.
23	23	145	T-_K	0.	0.	0.
23	23	111	T-_K	0.	0.	0.
23	23	16	T-_K	0.	0.	0.
23	23	142	G1_D	-30.29	-178.35	-20.5
23	23	145	G1_D	-45.7	-217.98	-14.07
23	23	111	G1_D	-55.16	-271.43	-21.6
23	23	16	G1_D	-39.47	-233.01	-28.02
23	23	142	G2_D	20.16	59.12	-22.19
23	23	145	G2_D	2.15	-45.63	-22.17
23	23	111	G2_D	-39.36	-53.8	-60.22
23	23	16	G2_D	-21.63	52.61	-60.24
23	23	142	Q_D	-24.72	-113.3	-13.48
23	23	145	Q_D	-33.75	-130.81	-8.25
23	23	111	Q_D	-36.52	-168.86	-12.76
23	23	16	Q_D	-27.29	-152.25	-17.99
23	23	142	N_D	-2.97	-13.6	-1.62
23	23	145	N_D	-4.05	-15.7	-0.99

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
23	23	111	N_D	-4.38	-20.26	-1.53
23	23	16	N_D	-3.28	-18.27	-2.16
23	23	142	T+_D	0.	0.	0.
23	23	145	T+_D	0.	0.	0.
23	23	111	T+_D	0.	0.	0.
23	23	16	T+_D	0.	0.	0.
23	23	142	T-_D	0.	0.	0.
23	23	145	T-_D	0.	0.	0.
23	23	111	T-_D	0.	0.	0.
23	23	16	T-_D	0.	0.	0.
23	23	142	W+_K	0.	0.	0.
23	23	145	W+_K	0.	0.	0.
23	23	111	W+_K	0.	0.	0.
23	23	16	W+_K	0.	0.	0.
23	23	142	W-_K	0.	0.	0.
23	23	145	W-_K	0.	0.	0.
23	23	111	W-_K	0.	0.	0.
23	23	16	W-_K	0.	0.	0.
23	23	142	W+_D	0.	0.	0.
23	23	145	W+_D	0.	0.	0.
23	23	111	W+_D	0.	0.	0.
23	23	16	W+_D	0.	0.	0.
23	23	142	W-_D	0.	0.	0.
23	23	145	W-_D	0.	0.	0.
23	23	111	W-_D	0.	0.	0.
23	23	16	W-_D	0.	0.	0.
23	23	142	SISMA SLV X	10.58	29.31	26.5
23	23	145	SISMA SLV X	19.41	61.47	34.03
23	23	111	SISMA SLV X	40.66	60.79	31.51
23	23	16	SISMA SLV X	27.11	18.69	24.16
23	23	142	SISMA SLV Y	19.74	55.96	14.16
23	23	145	SISMA SLV Y	15.92	55.58	19.57
23	23	111	SISMA SLV Y	18.54	31.34	14.42
23	23	16	SISMA SLV Y	14.65	23.44	11.02
23	23	142	SISMA SLD X	5.17	14.32	12.94
23	23	145	SISMA SLD X	9.48	30.02	16.62
23	23	111	SISMA SLD X	19.86	29.69	15.39
23	23	16	SISMA SLD X	13.24	9.13	11.8
23	23	142	SISMA SLD Y	9.64	27.33	6.91
23	23	145	SISMA SLD Y	7.78	27.14	9.56
23	23	111	SISMA SLD Y	9.06	15.31	7.04
23	23	16	SISMA SLD Y	7.15	11.45	5.38
23	23	142	SISMA SLO X	4.28	11.86	10.72
23	23	145	SISMA SLO X	7.86	24.87	13.77
23	23	111	SISMA SLO X	16.45	24.6	12.75
23	23	16	SISMA SLO X	10.97	7.56	9.78
23	23	142	SISMA SLO Y	7.98	22.63	5.73
23	23	145	SISMA SLO Y	6.44	22.48	7.92
23	23	111	SISMA SLO Y	7.5	12.68	5.84
23	23	16	SISMA SLO Y	5.93	9.48	4.46
23	23	142	SLT	0.	0.	0.
23	23	145	SLT	0.	0.	0.
23	23	111	SLT	0.	0.	0.
23	23	16	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
23	23	142	~TorsionSISMA SLV X	0.	0.	0.
23	23	145	~TorsionSISMA SLV X	0.	0.	0.
23	23	111	~TorsionSISMA SLV X	0.	0.	0.
23	23	16	~TorsionSISMA SLV X	0.	0.	0.
23	23	142	~TorsionSISMA SLV Y	0.	0.	0.
23	23	145	~TorsionSISMA SLV Y	0.	0.	0.
23	23	111	~TorsionSISMA SLV Y	0.	0.	0.
23	23	16	~TorsionSISMA SLV Y	0.	0.	0.
23	23	142	~TorsionSISMA SLD X	0.	0.	0.
23	23	145	~TorsionSISMA SLD X	0.	0.	0.
23	23	111	~TorsionSISMA SLD X	0.	0.	0.
23	23	16	~TorsionSISMA SLD X	0.	0.	0.
23	23	142	~TorsionSISMA SLD Y	0.	0.	0.
23	23	145	~TorsionSISMA SLD Y	0.	0.	0.
23	23	111	~TorsionSISMA SLD Y	0.	0.	0.
23	23	16	~TorsionSISMA SLD Y	0.	0.	0.
23	23	142	~TorsionSISMA SLO X	0.	0.	0.
23	23	145	~TorsionSISMA SLO X	0.	0.	0.
23	23	111	~TorsionSISMA SLO X	0.	0.	0.
23	23	16	~TorsionSISMA SLO X	0.	0.	0.
23	23	142	~TorsionSISMA SLO Y	0.	0.	0.
23	23	145	~TorsionSISMA SLO Y	0.	0.	0.
23	23	111	~TorsionSISMA SLO Y	0.	0.	0.
23	23	16	~TorsionSISMA SLO Y	0.	0.	0.
24	24	16	G1_K	-32.23	-187.42	-26.61
24	24	111	G1_K	-22.34	-109.51	-14.6
24	24	108	G1_K	-36.41	-147.32	6.41
24	24	143	G1_K	-46.64	-223.96	-5.6
24	24	16	G2_K	-17.66	28.06	-32.87
24	24	111	G2_K	-23.33	0.65	-45.99
24	24	108	G2_K	-13.18	6.41	-8.87
24	24	143	G2_K	-7.18	31.89	4.25
24	24	16	Q_K	-20.91	-114.14	-15.63
24	24	111	Q_K	-15.27	-68.09	-7.12
24	24	108	Q_K	-22.53	-91.76	5.32

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
24	24	143	Q_K	-28.4	-136.98	-3.19
24	24	16	N_K	-2.51	-13.7	-1.88
24	24	111	N_K	-1.83	-8.17	-0.85
24	24	108	N_K	-2.7	-11.01	0.64
24	24	143	N_K	-3.41	-16.44	-0.38
24	24	16	T+_K	0.	0.	0.
24	24	111	T+_K	0.	0.	0.
24	24	108	T+_K	0.	0.	0.
24	24	143	T+_K	0.	0.	0.
24	24	16	T-_K	0.	0.	0.
24	24	111	T-_K	0.	0.	0.
24	24	108	T-_K	0.	0.	0.
24	24	143	T-_K	0.	0.	0.
24	24	16	G1_D	-41.9	-243.65	-34.6
24	24	111	G1_D	-29.05	-142.37	-18.98
24	24	108	G1_D	-47.34	-191.51	8.33
24	24	143	G1_D	-60.64	-291.15	-7.29
24	24	16	G2_D	-22.96	36.48	-42.73
24	24	111	G2_D	-30.32	0.85	-59.79
24	24	108	G2_D	-17.14	8.33	-11.53
24	24	143	G2_D	-9.34	41.46	5.53
24	24	16	Q_D	-31.37	-171.21	-23.44
24	24	111	Q_D	-22.9	-102.13	-10.67
24	24	108	Q_D	-33.79	-137.64	7.99
24	24	143	Q_D	-42.6	-205.47	-4.78
24	24	16	N_D	-3.76	-20.55	-2.81
24	24	111	N_D	-2.75	-12.26	-1.28
24	24	108	N_D	-4.06	-16.52	0.96
24	24	143	N_D	-5.11	-24.66	-0.57
24	24	16	T+_D	0.	0.	0.
24	24	111	T+_D	0.	0.	0.
24	24	108	T+_D	0.	0.	0.
24	24	143	T+_D	0.	0.	0.
24	24	16	T-_D	0.	0.	0.
24	24	111	T-_D	0.	0.	0.
24	24	108	T-_D	0.	0.	0.
24	24	143	T-_D	0.	0.	0.
24	24	16	W+_K	0.	0.	0.
24	24	111	W+_K	0.	0.	0.
24	24	108	W+_K	0.	0.	0.
24	24	143	W+_K	0.	0.	0.
24	24	16	W-_K	0.	0.	0.
24	24	111	W-_K	0.	0.	0.
24	24	108	W-_K	0.	0.	0.
24	24	143	W-_K	0.	0.	0.
24	24	16	W+_D	0.	0.	0.
24	24	111	W+_D	0.	0.	0.
24	24	108	W+_D	0.	0.	0.
24	24	143	W+_D	0.	0.	0.
24	24	16	W-_D	0.	0.	0.
24	24	111	W-_D	0.	0.	0.
24	24	108	W-_D	0.	0.	0.
24	24	143	W-_D	0.	0.	0.
24	24	16	SISMA SLV X	29.81	23.45	22.62

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
24	24	111	SISMA SLV X	36.85	45.13	18.63
24	24	108	SISMA SLV X	13.57	37.98	4.54
24	24	143	SISMA SLV X	8.75	21.63	6.55
24	24	16	SISMA SLV Y	16.58	27.51	11.23
24	24	111	SISMA SLV Y	16.7	26.9	9.46
24	24	108	SISMA SLV Y	25.69	37.39	7.47
24	24	143	SISMA SLV Y	17.63	27.77	3.44
24	24	16	SISMA SLD X	14.56	11.45	11.05
24	24	111	SISMA SLD X	18.	22.04	9.1
24	24	108	SISMA SLD X	6.63	18.55	2.22
24	24	143	SISMA SLD X	4.28	10.57	3.2
24	24	16	SISMA SLD Y	8.1	13.44	5.48
24	24	111	SISMA SLD Y	8.16	13.14	4.62
24	24	108	SISMA SLD Y	12.55	18.26	3.65
24	24	143	SISMA SLD Y	8.61	13.56	1.68
24	24	16	SISMA SLO X	12.06	9.49	9.15
24	24	111	SISMA SLO X	14.91	18.26	7.54
24	24	108	SISMA SLO X	5.49	15.36	1.84
24	24	143	SISMA SLO X	3.54	8.75	2.65
24	24	16	SISMA SLO Y	6.71	11.13	4.54
24	24	111	SISMA SLO Y	6.76	10.88	3.83
24	24	108	SISMA SLO Y	10.39	15.12	3.02
24	24	143	SISMA SLO Y	7.13	11.23	1.39
24	24	16	SLT	0.	0.	0.
24	24	111	SLT	0.	0.	0.
24	24	108	SLT	0.	0.	0.
24	24	143	SLT	0.	0.	0.
24	24	16	~TorsionSISMA SLV X	0.	0.	0.
24	24	111	~TorsionSISMA SLV X	0.	0.	0.
24	24	108	~TorsionSISMA SLV X	0.	0.	0.
24	24	143	~TorsionSISMA SLV X	0.	0.	0.
24	24	16	~TorsionSISMA SLV Y	0.	0.	0.
24	24	111	~TorsionSISMA SLV Y	0.	0.	0.
24	24	108	~TorsionSISMA SLV Y	0.	0.	0.
24	24	143	~TorsionSISMA SLV Y	0.	0.	0.
24	24	16	~TorsionSISMA SLD X	0.	0.	0.
24	24	111	~TorsionSISMA SLD X	0.	0.	0.
24	24	108	~TorsionSISMA SLD X	0.	0.	0.
24	24	143	~TorsionSISMA SLD X	0.	0.	0.
24	24	16	~TorsionSISMA SLD Y	0.	0.	0.
24	24	111	~TorsionSISMA SLD Y	0.	0.	0.
24	24	108	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
24	24	143	~TorsionSISMA SLD Y	0.	0.	0.
24	24	16	~TorsionSISMA SLO X	0.	0.	0.
24	24	111	~TorsionSISMA SLO X	0.	0.	0.
24	24	108	~TorsionSISMA SLO X	0.	0.	0.
24	24	143	~TorsionSISMA SLO X	0.	0.	0.
24	24	16	~TorsionSISMA SLO Y	0.	0.	0.
24	24	111	~TorsionSISMA SLO Y	0.	0.	0.
24	24	108	~TorsionSISMA SLO Y	0.	0.	0.
24	24	143	~TorsionSISMA SLO Y	0.	0.	0.
25	25	102	G1_K	-16.75	-81.06	-7.95
25	25	134	G1_K	-12.09	-62.46	-3.07
25	25	17	G1_K	-2.86	-85.01	-4.73
25	25	18	G1_K	-7.44	-104.28	-9.61
25	25	102	G2_K	-11.83	-58.64	-10.55
25	25	134	G2_K	-1.13	-4.25	-19.62
25	25	17	G2_K	1.42	0.75	-39.57
25	25	18	G2_K	-9.43	-52.8	-30.5
25	25	102	Q_K	-1.24	-11.03	-2.47
25	25	134	Q_K	-1.26	-1.21	-0.24
25	25	17	Q_K	1.11	-8.81	0.9
25	25	18	Q_K	1.22	-18.85	-1.33
25	25	102	N_K	-0.15	-1.32	-0.3
25	25	134	N_K	-0.15	-0.15	-2.848E-02
25	25	17	N_K	0.13	-1.06	0.11
25	25	18	N_K	0.15	-2.26	-0.16
25	25	102	T+_K	0.	0.	0.
25	25	134	T+_K	0.	0.	0.
25	25	17	T+_K	0.	0.	0.
25	25	18	T+_K	0.	0.	0.
25	25	102	T-_K	0.	0.	0.
25	25	134	T-_K	0.	0.	0.
25	25	17	T-_K	0.	0.	0.
25	25	18	T-_K	0.	0.	0.
25	25	102	G1_D	-21.77	-105.38	-10.33
25	25	134	G1_D	-15.72	-81.19	-3.99
25	25	17	G1_D	-3.72	-110.51	-6.15
25	25	18	G1_D	-9.67	-135.56	-12.49
25	25	102	G2_D	-15.38	-76.23	-13.71
25	25	134	G2_D	-1.47	-5.52	-25.51
25	25	17	G2_D	1.85	0.98	-51.45
25	25	18	G2_D	-12.26	-68.64	-39.65
25	25	102	Q_D	-1.86	-16.55	-3.7
25	25	134	Q_D	-1.89	-1.82	-0.36
25	25	17	Q_D	1.67	-13.21	1.35
25	25	18	Q_D	1.83	-28.27	-1.99
25	25	102	N_D	-0.22	-1.99	-0.44
25	25	134	N_D	-0.23	-0.22	-4.272E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
25	25	17	N_D	0.2	-1.58	0.16
25	25	18	N_D	0.22	-3.39	-0.24
25	25	102	T+_D	0.	0.	0.
25	25	134	T+_D	0.	0.	0.
25	25	17	T+_D	0.	0.	0.
25	25	18	T+_D	0.	0.	0.
25	25	102	T-_D	0.	0.	0.
25	25	134	T-_D	0.	0.	0.
25	25	17	T-_D	0.	0.	0.
25	25	18	T-_D	0.	0.	0.
25	25	102	W+_K	0.	0.	0.
25	25	134	W+_K	0.	0.	0.
25	25	17	W+_K	0.	0.	0.
25	25	18	W+_K	0.	0.	0.
25	25	102	W-_K	0.	0.	0.
25	25	134	W-_K	0.	0.	0.
25	25	17	W-_K	0.	0.	0.
25	25	18	W-_K	0.	0.	0.
25	25	102	W+_D	0.	0.	0.
25	25	134	W+_D	0.	0.	0.
25	25	17	W+_D	0.	0.	0.
25	25	18	W+_D	0.	0.	0.
25	25	102	W-_D	0.	0.	0.
25	25	134	W-_D	0.	0.	0.
25	25	17	W-_D	0.	0.	0.
25	25	18	W-_D	0.	0.	0.
25	25	102	SISMA SLV X	11.37	58.56	13.29
25	25	134	SISMA SLV X	4.32	21.02	19.34
25	25	17	SISMA SLV X	3.58	5.63	42.63
25	25	18	SISMA SLV X	6.26	57.13	36.48
25	25	102	SISMA SLV Y	5.55	27.62	6.27
25	25	134	SISMA SLV Y	8.05	43.28	9.83
25	25	17	SISMA SLV Y	4.	7.26	26.94
25	25	18	SISMA SLV Y	4.85	50.34	23.13
25	25	102	SISMA SLD X	5.55	28.6	6.49
25	25	134	SISMA SLD X	2.11	10.26	9.45
25	25	17	SISMA SLD X	1.75	2.75	20.82
25	25	18	SISMA SLD X	3.06	27.91	17.82
25	25	102	SISMA SLD Y	2.71	13.49	3.06
25	25	134	SISMA SLD Y	3.93	21.14	4.8
25	25	17	SISMA SLD Y	1.95	3.54	13.16
25	25	18	SISMA SLD Y	2.37	24.59	11.3
25	25	102	SISMA SLO X	4.6	23.69	5.38
25	25	134	SISMA SLO X	1.75	8.5	7.82
25	25	17	SISMA SLO X	1.45	2.27	17.25
25	25	18	SISMA SLO X	2.53	23.12	14.76
25	25	102	SISMA SLO Y	2.24	11.17	2.54
25	25	134	SISMA SLO Y	3.26	17.5	3.98
25	25	17	SISMA SLO Y	1.62	2.92	10.9
25	25	18	SISMA SLO Y	1.96	20.36	9.36
25	25	102	SLT	0.	0.	0.
25	25	134	SLT	0.	0.	0.
25	25	17	SLT	0.	0.	0.
25	25	18	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
25	25	102	~TorsionSISMA SLV X	0.	0.	0.
25	25	134	~TorsionSISMA SLV X	0.	0.	0.
25	25	17	~TorsionSISMA SLV X	0.	0.	0.
25	25	18	~TorsionSISMA SLV X	0.	0.	0.
25	25	102	~TorsionSISMA SLV Y	0.	0.	0.
25	25	134	~TorsionSISMA SLV Y	0.	0.	0.
25	25	17	~TorsionSISMA SLV Y	0.	0.	0.
25	25	18	~TorsionSISMA SLV Y	0.	0.	0.
25	25	102	~TorsionSISMA SLD X	0.	0.	0.
25	25	134	~TorsionSISMA SLD X	0.	0.	0.
25	25	17	~TorsionSISMA SLD X	0.	0.	0.
25	25	18	~TorsionSISMA SLD X	0.	0.	0.
25	25	102	~TorsionSISMA SLD Y	0.	0.	0.
25	25	134	~TorsionSISMA SLD Y	0.	0.	0.
25	25	17	~TorsionSISMA SLD Y	0.	0.	0.
25	25	18	~TorsionSISMA SLD Y	0.	0.	0.
25	25	102	~TorsionSISMA SLO X	0.	0.	0.
25	25	134	~TorsionSISMA SLO X	0.	0.	0.
25	25	17	~TorsionSISMA SLO X	0.	0.	0.
25	25	18	~TorsionSISMA SLO X	0.	0.	0.
25	25	102	~TorsionSISMA SLO Y	0.	0.	0.
25	25	134	~TorsionSISMA SLO Y	0.	0.	0.
25	25	17	~TorsionSISMA SLO Y	0.	0.	0.
25	25	18	~TorsionSISMA SLO Y	0.	0.	0.
26	26	18	G1_K	2.18	-74.85	-1.69
26	26	17	G1_K	-5.16	-77.84	-4.920E-02
26	26	135	G1_K	5.15	-79.93	6.92
26	26	136	G1_K	12.7	-76.75	5.28
26	26	18	G2_K	-6.9	-39.25	-23.03
26	26	17	G2_K	0.12	-6.68	-35.26
26	26	135	G2_K	3.07	-2.47	-33.81
26	26	136	G2_K	-4.05	-34.51	-21.58
26	26	18	Q_K	6.15	-9.69	0.47
26	26	17	Q_K	-2.44	-11.11	2.68
26	26	135	Q_K	3.78	-13.14	4.96

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
26	26	136	Q_K	12.48	-11.58	2.75
26	26	18	N_K	0.74	-1.16	5.695E-02
26	26	17	N_K	-0.29	-1.33	0.32
26	26	135	N_K	0.45	-1.58	0.6
26	26	136	N_K	1.5	-1.39	0.33
26	26	18	T+_K	0.	0.	0.
26	26	17	T+_K	0.	0.	0.
26	26	135	T+_K	0.	0.	0.
26	26	136	T+_K	0.	0.	0.
26	26	18	T-_K	0.	0.	0.
26	26	17	T-_K	0.	0.	0.
26	26	135	T-_K	0.	0.	0.
26	26	136	T-_K	0.	0.	0.
26	26	18	G1_D	2.84	-97.31	-2.2
26	26	17	G1_D	-6.7	-101.19	-6.397E-02
26	26	135	G1_D	6.69	-103.91	9.
26	26	136	G1_D	16.51	-99.78	6.87
26	26	18	G2_D	-8.98	-51.03	-29.93
26	26	17	G2_D	0.15	-8.69	-45.84
26	26	135	G2_D	3.99	-3.21	-43.95
26	26	136	G2_D	-5.27	-44.86	-28.05
26	26	18	Q_D	9.22	-14.54	0.71
26	26	17	Q_D	-3.66	-16.66	4.03
26	26	135	Q_D	5.67	-19.71	7.45
26	26	136	Q_D	18.72	-17.38	4.13
26	26	18	N_D	1.11	-1.74	8.543E-02
26	26	17	N_D	-0.44	-2.	0.48
26	26	135	N_D	0.68	-2.37	0.89
26	26	136	N_D	2.25	-2.09	0.5
26	26	18	T+_D	0.	0.	0.
26	26	17	T+_D	0.	0.	0.
26	26	135	T+_D	0.	0.	0.
26	26	136	T+_D	0.	0.	0.
26	26	18	T-_D	0.	0.	0.
26	26	17	T-_D	0.	0.	0.
26	26	135	T-_D	0.	0.	0.
26	26	136	T-_D	0.	0.	0.
26	26	18	W+_K	0.	0.	0.
26	26	17	W+_K	0.	0.	0.
26	26	135	W+_K	0.	0.	0.
26	26	136	W+_K	0.	0.	0.
26	26	18	W-_K	0.	0.	0.
26	26	17	W-_K	0.	0.	0.
26	26	135	W-_K	0.	0.	0.
26	26	136	W-_K	0.	0.	0.
26	26	18	W+_D	0.	0.	0.
26	26	17	W+_D	0.	0.	0.
26	26	135	W+_D	0.	0.	0.
26	26	136	W+_D	0.	0.	0.
26	26	18	W-_D	0.	0.	0.
26	26	17	W-_D	0.	0.	0.
26	26	135	W-_D	0.	0.	0.
26	26	136	W-_D	0.	0.	0.
26	26	18	SISMA SLV X	4.48	39.88	28.22

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
26	26	17	SISMA SLV X	1.53	12.22	35.89
26	26	135	SISMA SLV X	10.5	9.69	34.04
26	26	136	SISMA SLV X	11.29	35.66	26.46
26	26	18	SISMA SLV Y	7.06	24.8	20.17
26	26	17	SISMA SLV Y	2.63	7.77	24.81
26	26	135	SISMA SLV Y	6.5	19.51	27.67
26	26	136	SISMA SLV Y	6.8	40.81	23.14
26	26	18	SISMA SLD X	2.19	19.48	13.78
26	26	17	SISMA SLD X	0.75	5.97	17.53
26	26	135	SISMA SLD X	5.13	4.73	16.63
26	26	136	SISMA SLD X	5.52	17.42	12.92
26	26	18	SISMA SLD Y	3.45	12.11	9.85
26	26	17	SISMA SLD Y	1.28	3.79	12.12
26	26	135	SISMA SLD Y	3.18	9.53	13.51
26	26	136	SISMA SLD Y	3.32	19.93	11.3
26	26	18	SISMA SLO X	1.81	16.14	11.42
26	26	17	SISMA SLO X	0.62	4.94	14.52
26	26	135	SISMA SLO X	4.25	3.92	13.77
26	26	136	SISMA SLO X	4.57	14.43	10.71
26	26	18	SISMA SLO Y	2.85	10.03	8.16
26	26	17	SISMA SLO Y	1.06	3.13	10.04
26	26	135	SISMA SLO Y	2.63	7.89	11.19
26	26	136	SISMA SLO Y	2.75	16.51	9.36
26	26	18	SLT	0.	0.	0.
26	26	17	SLT	0.	0.	0.
26	26	135	SLT	0.	0.	0.
26	26	136	SLT	0.	0.	0.
26	26	18	~TorsionSISMA SLV X	0.	0.	0.
26	26	17	~TorsionSISMA SLV X	0.	0.	0.
26	26	135	~TorsionSISMA SLV X	0.	0.	0.
26	26	136	~TorsionSISMA SLV X	0.	0.	0.
26	26	18	~TorsionSISMA SLV Y	0.	0.	0.
26	26	17	~TorsionSISMA SLV Y	0.	0.	0.
26	26	135	~TorsionSISMA SLV Y	0.	0.	0.
26	26	136	~TorsionSISMA SLV Y	0.	0.	0.
26	26	18	~TorsionSISMA SLD X	0.	0.	0.
26	26	17	~TorsionSISMA SLD X	0.	0.	0.
26	26	135	~TorsionSISMA SLD X	0.	0.	0.
26	26	136	~TorsionSISMA SLD X	0.	0.	0.
26	26	18	~TorsionSISMA SLD Y	0.	0.	0.
26	26	17	~TorsionSISMA SLD Y	0.	0.	0.
26	26	135	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
26	26	136	~TorsionSISMA SLD Y	0.	0.	0.
26	26	18	~TorsionSISMA SLO X	0.	0.	0.
26	26	17	~TorsionSISMA SLO X	0.	0.	0.
26	26	135	~TorsionSISMA SLO X	0.	0.	0.
26	26	136	~TorsionSISMA SLO X	0.	0.	0.
26	26	18	~TorsionSISMA SLO Y	0.	0.	0.
26	26	17	~TorsionSISMA SLO Y	0.	0.	0.
26	26	135	~TorsionSISMA SLO Y	0.	0.	0.
26	26	136	~TorsionSISMA SLO Y	0.	0.	0.
27	27	136	G1_K	26.99	-48.32	-1.24
27	27	135	G1_K	-1.85	-71.87	13.59
27	27	19	G1_K	12.16	-76.2	17.19
27	27	20	G1_K	41.4	-53.51	2.36
27	27	136	G2_K	-2.23	-26.63	-22.02
27	27	135	G2_K	2.27	-5.27	-35.79
27	27	19	G2_K	-0.52	0.36	-37.86
27	27	20	G2_K	-5.13	-20.23	-24.09
27	27	136	Q_K	18.75	-4.32	-1.
27	27	135	Q_K	-1.4	-14.93	8.64
27	27	19	Q_K	8.6	-18.12	10.46
27	27	20	Q_K	28.97	-7.99	0.83
27	27	136	N_K	2.25	-0.52	-0.12
27	27	135	N_K	-0.17	-1.79	1.04
27	27	19	N_K	1.03	-2.17	1.26
27	27	20	N_K	3.48	-0.96	9.913E-02
27	27	136	T+_K	0.	0.	0.
27	27	135	T+_K	0.	0.	0.
27	27	19	T+_K	0.	0.	0.
27	27	20	T+_K	0.	0.	0.
27	27	136	T-_K	0.	0.	0.
27	27	135	T-_K	0.	0.	0.
27	27	19	T-_K	0.	0.	0.
27	27	20	T-_K	0.	0.	0.
27	27	136	G1_D	35.09	-62.82	-1.61
27	27	135	G1_D	-2.4	-93.43	17.67
27	27	19	G1_D	15.81	-99.06	22.34
27	27	20	G1_D	53.82	-69.57	3.07
27	27	136	G2_D	-2.9	-34.62	-28.62
27	27	135	G2_D	2.95	-6.85	-46.53
27	27	19	G2_D	-0.68	0.47	-49.22
27	27	20	G2_D	-6.66	-26.29	-31.32
27	27	136	Q_D	28.12	-6.48	-1.5
27	27	135	Q_D	-2.1	-22.4	12.95
27	27	19	Q_D	12.9	-27.18	15.69
27	27	20	Q_D	43.46	-11.98	1.24
27	27	136	N_D	3.37	-0.78	-0.18
27	27	135	N_D	-0.25	-2.69	1.55

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
27	27	19	N_D	1.55	-3.26	1.88
27	27	20	N_D	5.22	-1.44	0.15
27	27	136	T+_D	0.	0.	0.
27	27	135	T+_D	0.	0.	0.
27	27	19	T+_D	0.	0.	0.
27	27	20	T+_D	0.	0.	0.
27	27	136	T-_D	0.	0.	0.
27	27	135	T-_D	0.	0.	0.
27	27	19	T-_D	0.	0.	0.
27	27	20	T-_D	0.	0.	0.
27	27	136	W+_K	0.	0.	0.
27	27	135	W+_K	0.	0.	0.
27	27	19	W+_K	0.	0.	0.
27	27	20	W+_K	0.	0.	0.
27	27	136	W-_K	0.	0.	0.
27	27	135	W-_K	0.	0.	0.
27	27	19	W-_K	0.	0.	0.
27	27	20	W-_K	0.	0.	0.
27	27	136	W+_D	0.	0.	0.
27	27	135	W+_D	0.	0.	0.
27	27	19	W+_D	0.	0.	0.
27	27	20	W+_D	0.	0.	0.
27	27	136	W-_D	0.	0.	0.
27	27	135	W-_D	0.	0.	0.
27	27	19	W-_D	0.	0.	0.
27	27	20	W-_D	0.	0.	0.
27	27	136	SISMA SLV X	17.39	23.65	27.33
27	27	135	SISMA SLV X	8.43	10.45	35.
27	27	19	SISMA SLV X	13.92	15.04	30.51
27	27	20	SISMA SLV X	22.94	19.73	22.83
27	27	136	SISMA SLV Y	18.13	13.9	23.27
27	27	135	SISMA SLV Y	11.22	18.63	28.84
27	27	19	SISMA SLV Y	13.75	33.8	24.42
27	27	20	SISMA SLV Y	18.24	26.39	18.8
27	27	136	SISMA SLD X	8.49	11.55	13.35
27	27	135	SISMA SLD X	4.12	5.1	17.1
27	27	19	SISMA SLD X	6.8	7.35	14.9
27	27	20	SISMA SLD X	11.2	9.64	11.15
27	27	136	SISMA SLD Y	8.86	6.79	11.37
27	27	135	SISMA SLD Y	5.48	9.1	14.09
27	27	19	SISMA SLD Y	6.72	16.51	11.92
27	27	20	SISMA SLD Y	8.91	12.89	9.18
27	27	136	SISMA SLO X	7.03	9.57	11.06
27	27	135	SISMA SLO X	3.41	4.23	14.16
27	27	19	SISMA SLO X	5.63	6.08	12.35
27	27	20	SISMA SLO X	9.28	7.98	9.24
27	27	136	SISMA SLO Y	7.33	5.62	9.41
27	27	135	SISMA SLO Y	4.53	7.53	11.67
27	27	19	SISMA SLO Y	5.56	13.67	9.88
27	27	20	SISMA SLO Y	7.38	10.67	7.61
27	27	136	SLT	0.	0.	0.
27	27	135	SLT	0.	0.	0.
27	27	19	SLT	0.	0.	0.
27	27	20	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
27	27	136	~TorsionSISMA SLV X	0.	0.	0.
27	27	135	~TorsionSISMA SLV X	0.	0.	0.
27	27	19	~TorsionSISMA SLV X	0.	0.	0.
27	27	20	~TorsionSISMA SLV X	0.	0.	0.
27	27	136	~TorsionSISMA SLV Y	0.	0.	0.
27	27	135	~TorsionSISMA SLV Y	0.	0.	0.
27	27	19	~TorsionSISMA SLV Y	0.	0.	0.
27	27	20	~TorsionSISMA SLV Y	0.	0.	0.
27	27	136	~TorsionSISMA SLD X	0.	0.	0.
27	27	135	~TorsionSISMA SLD X	0.	0.	0.
27	27	19	~TorsionSISMA SLD X	0.	0.	0.
27	27	20	~TorsionSISMA SLD X	0.	0.	0.
27	27	136	~TorsionSISMA SLD Y	0.	0.	0.
27	27	135	~TorsionSISMA SLD Y	0.	0.	0.
27	27	19	~TorsionSISMA SLD Y	0.	0.	0.
27	27	20	~TorsionSISMA SLD Y	0.	0.	0.
27	27	136	~TorsionSISMA SLO X	0.	0.	0.
27	27	135	~TorsionSISMA SLO X	0.	0.	0.
27	27	19	~TorsionSISMA SLO X	0.	0.	0.
27	27	20	~TorsionSISMA SLO X	0.	0.	0.
27	27	136	~TorsionSISMA SLO Y	0.	0.	0.
27	27	135	~TorsionSISMA SLO Y	0.	0.	0.
27	27	19	~TorsionSISMA SLO Y	0.	0.	0.
27	27	20	~TorsionSISMA SLO Y	0.	0.	0.
28	28	20	G1_K	57.34	-14.64	6.31
28	28	19	G1_K	4.39	-74.25	10.83
28	28	137	G1_K	9.77	-88.29	-2.230E-02
28	28	138	G1_K	62.82	-27.82	-4.55
28	28	20	G2_K	-4.35	-22.9	-23.12
28	28	19	G2_K	-0.52	6.92	-37.58
28	28	137	G2_K	-1.11	14.95	-31.36
28	28	138	G2_K	-4.94	-14.67	-16.9
28	28	20	Q_K	37.33	10.09	3.31
28	28	19	Q_K	2.32	-25.82	6.5
28	28	137	Q_K	6.81	-35.42	-0.2

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
28	28	138	Q_K	41.88	1.07	-3.39
28	28	20	N_K	4.48	1.21	0.4
28	28	19	N_K	0.28	-3.1	0.78
28	28	137	N_K	0.82	-4.25	-2.378E-02
28	28	138	N_K	5.03	0.13	-0.41
28	28	20	T+_K	0.	0.	0.
28	28	19	T+_K	0.	0.	0.
28	28	137	T+_K	0.	0.	0.
28	28	138	T+_K	0.	0.	0.
28	28	20	T-_K	0.	0.	0.
28	28	19	T-_K	0.	0.	0.
28	28	137	T-_K	0.	0.	0.
28	28	138	T-_K	0.	0.	0.
28	28	20	G1_D	74.54	-19.03	8.2
28	28	19	G1_D	5.7	-96.52	14.08
28	28	137	G1_D	12.7	-114.77	-2.899E-02
28	28	138	G1_D	81.67	-36.16	-5.91
28	28	20	G2_D	-5.66	-29.77	-30.06
28	28	19	G2_D	-0.67	9.	-48.85
28	28	137	G2_D	-1.44	19.44	-40.76
28	28	138	G2_D	-6.43	-19.07	-21.97
28	28	20	Q_D	56.	15.14	4.96
28	28	19	Q_D	3.48	-38.73	9.75
28	28	137	Q_D	10.22	-53.14	-0.3
28	28	138	Q_D	62.82	1.6	-5.08
28	28	20	N_D	6.72	1.82	0.6
28	28	19	N_D	0.42	-4.65	1.17
28	28	137	N_D	1.23	-6.38	-3.568E-02
28	28	138	N_D	7.54	0.19	-0.61
28	28	20	T+_D	0.	0.	0.
28	28	19	T+_D	0.	0.	0.
28	28	137	T+_D	0.	0.	0.
28	28	138	T+_D	0.	0.	0.
28	28	20	T-_D	0.	0.	0.
28	28	19	T-_D	0.	0.	0.
28	28	137	T-_D	0.	0.	0.
28	28	138	T-_D	0.	0.	0.
28	28	20	W+_K	0.	0.	0.
28	28	19	W+_K	0.	0.	0.
28	28	137	W+_K	0.	0.	0.
28	28	138	W+_K	0.	0.	0.
28	28	20	W-_K	0.	0.	0.
28	28	19	W-_K	0.	0.	0.
28	28	137	W-_K	0.	0.	0.
28	28	138	W-_K	0.	0.	0.
28	28	20	W+_D	0.	0.	0.
28	28	19	W+_D	0.	0.	0.
28	28	137	W+_D	0.	0.	0.
28	28	138	W+_D	0.	0.	0.
28	28	20	W-_D	0.	0.	0.
28	28	19	W-_D	0.	0.	0.
28	28	137	W-_D	0.	0.	0.
28	28	138	W-_D	0.	0.	0.
28	28	20	SISMA SLV X	27.95	11.55	20.53

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
28	28	19	SISMA SLV X	11.4	12.67	31.43
28	28	137	SISMA SLV X	13.11	18.11	26.97
28	28	138	SISMA SLV X	29.33	9.	15.8
28	28	20	SISMA SLV Y	25.21	6.87	19.65
28	28	19	SISMA SLV Y	14.48	26.88	23.45
28	28	137	SISMA SLV Y	16.04	37.19	14.87
28	28	138	SISMA SLV Y	24.5	16.05	10.14
28	28	20	SISMA SLD X	13.65	5.64	10.03
28	28	19	SISMA SLD X	5.57	6.19	15.35
28	28	137	SISMA SLD X	6.4	8.85	13.17
28	28	138	SISMA SLD X	14.33	4.4	7.72
28	28	20	SISMA SLD Y	12.31	3.36	9.6
28	28	19	SISMA SLD Y	7.07	13.13	11.45
28	28	137	SISMA SLD Y	7.83	18.16	7.26
28	28	138	SISMA SLD Y	11.97	7.84	4.95
28	28	20	SISMA SLO X	11.31	4.67	8.31
28	28	19	SISMA SLO X	4.61	5.13	12.72
28	28	137	SISMA SLO X	5.3	7.33	10.91
28	28	138	SISMA SLO X	11.87	3.64	6.39
28	28	20	SISMA SLO Y	10.2	2.78	7.95
28	28	19	SISMA SLO Y	5.86	10.87	9.48
28	28	137	SISMA SLO Y	6.48	15.04	6.01
28	28	138	SISMA SLO Y	9.91	6.49	4.1
28	28	20	SLT	0.	0.	0.
28	28	19	SLT	0.	0.	0.
28	28	137	SLT	0.	0.	0.
28	28	138	SLT	0.	0.	0.
28	28	20	~TorsionSISMA SLV X	0.	0.	0.
28	28	19	~TorsionSISMA SLV X	0.	0.	0.
28	28	137	~TorsionSISMA SLV X	0.	0.	0.
28	28	138	~TorsionSISMA SLV X	0.	0.	0.
28	28	20	~TorsionSISMA SLV Y	0.	0.	0.
28	28	19	~TorsionSISMA SLV Y	0.	0.	0.
28	28	137	~TorsionSISMA SLV Y	0.	0.	0.
28	28	138	~TorsionSISMA SLV Y	0.	0.	0.
28	28	20	~TorsionSISMA SLD X	0.	0.	0.
28	28	19	~TorsionSISMA SLD X	0.	0.	0.
28	28	137	~TorsionSISMA SLD X	0.	0.	0.
28	28	138	~TorsionSISMA SLD X	0.	0.	0.
28	28	20	~TorsionSISMA SLD Y	0.	0.	0.
28	28	19	~TorsionSISMA SLD Y	0.	0.	0.
28	28	137	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
28	28	138	~TorsionSISMA SLD Y	0.	0.	0.
28	28	20	~TorsionSISMA SLO X	0.	0.	0.
28	28	19	~TorsionSISMA SLO X	0.	0.	0.
28	28	137	~TorsionSISMA SLO X	0.	0.	0.
28	28	138	~TorsionSISMA SLO X	0.	0.	0.
28	28	20	~TorsionSISMA SLO Y	0.	0.	0.
28	28	19	~TorsionSISMA SLO Y	0.	0.	0.
28	28	137	~TorsionSISMA SLO Y	0.	0.	0.
28	28	138	~TorsionSISMA SLO Y	0.	0.	0.
29	29	134	G1_K	-11.04	-61.91	-5.48
29	29	140	G1_K	-12.14	-54.45	-2.898E-02
29	29	21	G1_K	-8.78	-79.44	5.67
29	29	17	G1_K	-7.74	-86.32	0.21
29	29	134	G2_K	-0.71	-3.86	-19.78
29	29	140	G2_K	6.46	33.44	-14.33
29	29	21	G2_K	10.38	37.66	-31.32
29	29	17	G2_K	3.15	0.79	-36.77
29	29	134	Q_K	1.49	2.36	-1.73
29	29	140	Q_K	0.9	9.63	-1.3
29	29	21	Q_K	-0.49	-5.28	3.4
29	29	17	Q_K	5.470E-02	-12.03	2.98
29	29	134	N_K	0.18	0.28	-0.21
29	29	140	N_K	0.11	1.16	-0.16
29	29	21	N_K	-5.881E-02	-0.63	0.41
29	29	17	N_K	6.564E-03	-1.44	0.36
29	29	134	T+_K	0.	0.	0.
29	29	140	T+_K	0.	0.	0.
29	29	21	T+_K	0.	0.	0.
29	29	17	T+_K	0.	0.	0.
29	29	134	T-_K	0.	0.	0.
29	29	140	T-_K	0.	0.	0.
29	29	21	T-_K	0.	0.	0.
29	29	17	T-_K	0.	0.	0.
29	29	134	G1_D	-14.36	-80.48	-7.12
29	29	140	G1_D	-15.78	-70.79	-3.768E-02
29	29	21	G1_D	-11.41	-103.28	7.37
29	29	17	G1_D	-10.06	-112.22	0.28
29	29	134	G2_D	-0.92	-5.01	-25.71
29	29	140	G2_D	8.39	43.48	-18.63
29	29	21	G2_D	13.49	48.96	-40.72
29	29	17	G2_D	4.09	1.03	-47.8
29	29	134	Q_D	2.24	3.53	-2.59
29	29	140	Q_D	1.35	14.45	-1.95
29	29	21	Q_D	-0.74	-7.93	5.1
29	29	17	Q_D	8.205E-02	-18.05	4.46
29	29	134	N_D	0.27	0.42	-0.31
29	29	140	N_D	0.16	1.73	-0.23

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
29	29	21	N_D	-8.821E-02	-0.95	0.61
29	29	17	N_D	9.846E-03	-2.17	0.54
29	29	134	T+_D	0.	0.	0.
29	29	140	T+_D	0.	0.	0.
29	29	21	T+_D	0.	0.	0.
29	29	17	T+_D	0.	0.	0.
29	29	134	T-_D	0.	0.	0.
29	29	140	T-_D	0.	0.	0.
29	29	21	T-_D	0.	0.	0.
29	29	17	T-_D	0.	0.	0.
29	29	134	W+_K	0.	0.	0.
29	29	140	W+_K	0.	0.	0.
29	29	21	W+_K	0.	0.	0.
29	29	17	W+_K	0.	0.	0.
29	29	134	W-_K	0.	0.	0.
29	29	140	W-_K	0.	0.	0.
29	29	21	W-_K	0.	0.	0.
29	29	17	W-_K	0.	0.	0.
29	29	134	W+_D	0.	0.	0.
29	29	140	W+_D	0.	0.	0.
29	29	21	W+_D	0.	0.	0.
29	29	17	W+_D	0.	0.	0.
29	29	134	W-_D	0.	0.	0.
29	29	140	W-_D	0.	0.	0.
29	29	21	W-_D	0.	0.	0.
29	29	17	W-_D	0.	0.	0.
29	29	134	SISMA SLV X	5.04	21.87	21.4
29	29	140	SISMA SLV X	7.04	41.71	16.15
29	29	21	SISMA SLV X	7.17	27.16	32.91
29	29	17	SISMA SLV X	2.73	8.09	38.18
29	29	134	SISMA SLV Y	10.97	47.05	10.65
29	29	140	SISMA SLV Y	12.36	70.	7.68
29	29	21	SISMA SLV Y	3.41	22.67	19.67
29	29	17	SISMA SLV Y	2.24	8.32	22.77
29	29	134	SISMA SLD X	2.46	10.68	10.45
29	29	140	SISMA SLD X	3.44	20.37	7.89
29	29	21	SISMA SLD X	3.5	13.27	16.07
29	29	17	SISMA SLD X	1.33	3.95	18.65
29	29	134	SISMA SLD Y	5.36	22.98	5.2
29	29	140	SISMA SLD Y	6.04	34.19	3.75
29	29	21	SISMA SLD Y	1.67	11.07	9.61
29	29	17	SISMA SLD Y	1.09	4.06	11.12
29	29	134	SISMA SLO X	2.04	8.84	8.66
29	29	140	SISMA SLO X	2.85	16.87	6.53
29	29	21	SISMA SLO X	2.9	10.99	13.31
29	29	17	SISMA SLO X	1.1	3.27	15.45
29	29	134	SISMA SLO Y	4.44	19.02	4.31
29	29	140	SISMA SLO Y	5.	28.31	3.11
29	29	21	SISMA SLO Y	1.38	9.16	7.96
29	29	17	SISMA SLO Y	0.9	3.35	9.21
29	29	134	SLT	0.	0.	0.
29	29	140	SLT	0.	0.	0.
29	29	21	SLT	0.	0.	0.
29	29	17	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
29	29	134	~TorsionSISMA SLV X	0.	0.	0.
29	29	140	~TorsionSISMA SLV X	0.	0.	0.
29	29	21	~TorsionSISMA SLV X	0.	0.	0.
29	29	17	~TorsionSISMA SLV X	0.	0.	0.
29	29	134	~TorsionSISMA SLV Y	0.	0.	0.
29	29	140	~TorsionSISMA SLV Y	0.	0.	0.
29	29	21	~TorsionSISMA SLV Y	0.	0.	0.
29	29	17	~TorsionSISMA SLV Y	0.	0.	0.
29	29	134	~TorsionSISMA SLD X	0.	0.	0.
29	29	140	~TorsionSISMA SLD X	0.	0.	0.
29	29	21	~TorsionSISMA SLD X	0.	0.	0.
29	29	17	~TorsionSISMA SLD X	0.	0.	0.
29	29	134	~TorsionSISMA SLD Y	0.	0.	0.
29	29	140	~TorsionSISMA SLD Y	0.	0.	0.
29	29	21	~TorsionSISMA SLD Y	0.	0.	0.
29	29	17	~TorsionSISMA SLD Y	0.	0.	0.
29	29	134	~TorsionSISMA SLO X	0.	0.	0.
29	29	140	~TorsionSISMA SLO X	0.	0.	0.
29	29	21	~TorsionSISMA SLO X	0.	0.	0.
29	29	17	~TorsionSISMA SLO X	0.	0.	0.
29	29	134	~TorsionSISMA SLO Y	0.	0.	0.
29	29	140	~TorsionSISMA SLO Y	0.	0.	0.
29	29	21	~TorsionSISMA SLO Y	0.	0.	0.
29	29	17	~TorsionSISMA SLO Y	0.	0.	0.
30	30	17	G1_K	-2.09	-66.58	2.43
30	30	21	G1_K	-8.89	-71.49	4.52
30	30	141	G1_K	-5.7	-96.24	10.36
30	30	135	G1_K	1.16	-91.37	8.28
30	30	17	G2_K	1.95	-6.46	-33.1
30	30	21	G2_K	9.79	35.96	-30.04
30	30	141	G2_K	8.35	39.05	-29.48
30	30	135	G2_K	0.43	-2.86	-32.55
30	30	17	Q_K	2.9	-4.11	3.01
30	30	21	Q_K	-2.09	-6.97	4.13
30	30	141	Q_K	-2.58	-22.23	7.06

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
30	30	135	Q_K	2.44	-19.34	5.94
30	30	17	N_K	0.35	-0.49	0.36
30	30	21	N_K	-0.25	-0.84	0.5
30	30	141	N_K	-0.31	-2.67	0.85
30	30	135	N_K	0.29	-2.32	0.71
30	30	17	T+_K	0.	0.	0.
30	30	21	T+_K	0.	0.	0.
30	30	141	T+_K	0.	0.	0.
30	30	135	T+_K	0.	0.	0.
30	30	17	T-_K	0.	0.	0.
30	30	21	T-_K	0.	0.	0.
30	30	141	T-_K	0.	0.	0.
30	30	135	T-_K	0.	0.	0.
30	30	17	G1_D	-2.72	-86.56	3.16
30	30	21	G1_D	-11.55	-92.94	5.87
30	30	141	G1_D	-7.41	-125.11	13.47
30	30	135	G1_D	1.51	-118.78	10.76
30	30	17	G2_D	2.53	-8.4	-43.04
30	30	21	G2_D	12.72	46.75	-39.05
30	30	141	G2_D	10.86	50.76	-38.33
30	30	135	G2_D	0.56	-3.71	-42.31
30	30	17	Q_D	4.35	-6.16	4.51
30	30	21	Q_D	-3.13	-10.46	6.19
30	30	141	Q_D	-3.87	-33.35	10.58
30	30	135	Q_D	3.66	-29.01	8.91
30	30	17	N_D	0.52	-0.74	0.54
30	30	21	N_D	-0.38	-1.26	0.74
30	30	141	N_D	-0.46	-4.	1.27
30	30	135	N_D	0.44	-3.48	1.07
30	30	17	T+_D	0.	0.	0.
30	30	21	T+_D	0.	0.	0.
30	30	141	T+_D	0.	0.	0.
30	30	135	T+_D	0.	0.	0.
30	30	17	T-_D	0.	0.	0.
30	30	21	T-_D	0.	0.	0.
30	30	141	T-_D	0.	0.	0.
30	30	135	T-_D	0.	0.	0.
30	30	17	W+_K	0.	0.	0.
30	30	21	W+_K	0.	0.	0.
30	30	141	W+_K	0.	0.	0.
30	30	135	W+_K	0.	0.	0.
30	30	17	W-_K	0.	0.	0.
30	30	21	W-_K	0.	0.	0.
30	30	141	W-_K	0.	0.	0.
30	30	135	W-_K	0.	0.	0.
30	30	17	W+_D	0.	0.	0.
30	30	21	W+_D	0.	0.	0.
30	30	141	W+_D	0.	0.	0.
30	30	135	W+_D	0.	0.	0.
30	30	17	W-_D	0.	0.	0.
30	30	21	W-_D	0.	0.	0.
30	30	141	W-_D	0.	0.	0.
30	30	135	W-_D	0.	0.	0.
30	30	17	SISMA SLV X	4.9	10.14	33.94

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
30	30	21	SISMA SLV X	5.77	26.94	30.47
30	30	141	SISMA SLV X	7.53	25.68	27.87
30	30	135	SISMA SLV X	4.34	17.05	31.34
30	30	17	SISMA SLV Y	5.37	16.05	22.44
30	30	21	SISMA SLV Y	3.36	23.11	16.4
30	30	141	SISMA SLV Y	13.76	27.85	15.11
30	30	135	SISMA SLV Y	8.06	31.2	21.12
30	30	17	SISMA SLD X	2.39	4.95	16.58
30	30	21	SISMA SLD X	2.82	13.16	14.88
30	30	141	SISMA SLD X	3.68	12.54	13.61
30	30	135	SISMA SLD X	2.12	8.33	15.31
30	30	17	SISMA SLD Y	2.62	7.84	10.96
30	30	21	SISMA SLD Y	1.64	11.29	8.01
30	30	141	SISMA SLD Y	6.72	13.6	7.38
30	30	135	SISMA SLD Y	3.94	15.24	10.32
30	30	17	SISMA SLO X	1.98	4.1	13.73
30	30	21	SISMA SLO X	2.34	10.9	12.33
30	30	141	SISMA SLO X	3.05	10.39	11.28
30	30	135	SISMA SLO X	1.75	6.9	12.68
30	30	17	SISMA SLO Y	2.17	6.48	9.08
30	30	21	SISMA SLO Y	1.36	9.35	6.63
30	30	141	SISMA SLO Y	5.56	11.26	6.11
30	30	135	SISMA SLO Y	3.26	12.62	8.54
30	30	17	SLT	0.	0.	0.
30	30	21	SLT	0.	0.	0.
30	30	141	SLT	0.	0.	0.
30	30	135	SLT	0.	0.	0.
30	30	17	~TorsionSISMA SLV X	0.	0.	0.
30	30	21	~TorsionSISMA SLV X	0.	0.	0.
30	30	141	~TorsionSISMA SLV X	0.	0.	0.
30	30	135	~TorsionSISMA SLV X	0.	0.	0.
30	30	17	~TorsionSISMA SLV Y	0.	0.	0.
30	30	21	~TorsionSISMA SLV Y	0.	0.	0.
30	30	141	~TorsionSISMA SLV Y	0.	0.	0.
30	30	135	~TorsionSISMA SLV Y	0.	0.	0.
30	30	17	~TorsionSISMA SLD X	0.	0.	0.
30	30	21	~TorsionSISMA SLD X	0.	0.	0.
30	30	141	~TorsionSISMA SLD X	0.	0.	0.
30	30	135	~TorsionSISMA SLD X	0.	0.	0.
30	30	17	~TorsionSISMA SLD Y	0.	0.	0.
30	30	21	~TorsionSISMA SLD Y	0.	0.	0.
30	30	141	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
30	30	135	~TorsionSISMA SLD Y	0.	0.	0.
30	30	17	~TorsionSISMA SLO X	0.	0.	0.
30	30	21	~TorsionSISMA SLO X	0.	0.	0.
30	30	141	~TorsionSISMA SLO X	0.	0.	0.
30	30	135	~TorsionSISMA SLO X	0.	0.	0.
30	30	17	~TorsionSISMA SLO Y	0.	0.	0.
30	30	21	~TorsionSISMA SLO Y	0.	0.	0.
30	30	141	~TorsionSISMA SLO Y	0.	0.	0.
30	30	135	~TorsionSISMA SLO Y	0.	0.	0.
31	31	135	G1_K	8.92	-60.28	17.47
31	31	141	G1_K	-4.89	-84.51	0.41
31	31	22	G1_K	-19.54	-113.98	-4.33
31	31	19	G1_K	-5.77	-89.22	12.73
31	31	135	G2_K	0.53	-4.26	-36.44
31	31	141	G2_K	5.55	26.97	-26.26
31	31	22	G2_K	5.44	30.13	-27.52
31	31	19	G2_K	0.38	-0.81	-37.7
31	31	135	Q_K	5.72	-8.04	11.25
31	31	141	Q_K	-3.73	-22.87	1.4
31	31	22	Q_K	-11.85	-41.01	-1.47
31	31	19	Q_K	-2.43	-25.8	8.38
31	31	135	N_K	0.69	-0.96	1.35
31	31	141	N_K	-0.45	-2.74	0.17
31	31	22	N_K	-1.42	-4.92	-0.18
31	31	19	N_K	-0.29	-3.1	1.01
31	31	135	T+_K	0.	0.	0.
31	31	141	T+_K	0.	0.	0.
31	31	22	T+_K	0.	0.	0.
31	31	19	T+_K	0.	0.	0.
31	31	135	T-_K	0.	0.	0.
31	31	141	T-_K	0.	0.	0.
31	31	22	T-_K	0.	0.	0.
31	31	19	T-_K	0.	0.	0.
31	31	135	G1_D	11.59	-78.37	22.71
31	31	141	G1_D	-6.36	-109.86	0.53
31	31	22	G1_D	-25.4	-148.18	-5.63
31	31	19	G1_D	-7.5	-115.98	16.55
31	31	135	G2_D	0.7	-5.53	-47.37
31	31	141	G2_D	7.22	35.06	-34.14
31	31	22	G2_D	7.07	39.16	-35.78
31	31	19	G2_D	0.5	-1.06	-49.01
31	31	135	Q_D	8.58	-12.06	16.88
31	31	141	Q_D	-5.6	-34.3	2.1
31	31	22	Q_D	-17.77	-61.51	-2.21
31	31	19	Q_D	-3.65	-38.7	12.57
31	31	135	N_D	1.03	-1.45	2.03
31	31	141	N_D	-0.67	-4.12	0.25

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
31	31	22	N_D	-2.13	-7.38	-0.26
31	31	19	N_D	-0.44	-4.64	1.51
31	31	135	T+_D	0.	0.	0.
31	31	141	T+_D	0.	0.	0.
31	31	22	T+_D	0.	0.	0.
31	31	19	T+_D	0.	0.	0.
31	31	135	T-_D	0.	0.	0.
31	31	141	T-_D	0.	0.	0.
31	31	22	T-_D	0.	0.	0.
31	31	19	T-_D	0.	0.	0.
31	31	135	W+_K	0.	0.	0.
31	31	141	W+_K	0.	0.	0.
31	31	22	W+_K	0.	0.	0.
31	31	19	W+_K	0.	0.	0.
31	31	135	W-_K	0.	0.	0.
31	31	141	W-_K	0.	0.	0.
31	31	22	W-_K	0.	0.	0.
31	31	19	W-_K	0.	0.	0.
31	31	135	W+_D	0.	0.	0.
31	31	141	W+_D	0.	0.	0.
31	31	22	W+_D	0.	0.	0.
31	31	19	W+_D	0.	0.	0.
31	31	135	W-_D	0.	0.	0.
31	31	141	W-_D	0.	0.	0.
31	31	22	W-_D	0.	0.	0.
31	31	19	W-_D	0.	0.	0.
31	31	135	SISMA SLV X	5.95	5.51	31.57
31	31	141	SISMA SLV X	6.67	16.01	27.49
31	31	22	SISMA SLV X	13.17	25.74	31.21
31	31	19	SISMA SLV X	6.11	19.3	34.72
31	31	135	SISMA SLV Y	5.83	10.86	23.35
31	31	141	SISMA SLV Y	13.93	21.29	13.72
31	31	22	SISMA SLV Y	25.96	51.01	13.94
31	31	19	SISMA SLV Y	13.96	40.75	20.4
31	31	135	SISMA SLD X	2.91	2.69	15.42
31	31	141	SISMA SLD X	3.26	7.82	13.42
31	31	22	SISMA SLD X	6.43	12.57	15.24
31	31	19	SISMA SLD X	2.98	9.42	16.96
31	31	135	SISMA SLD Y	2.85	5.3	11.4
31	31	141	SISMA SLD Y	6.8	10.4	6.7
31	31	22	SISMA SLD Y	12.68	24.92	6.81
31	31	19	SISMA SLD Y	6.82	19.9	9.96
31	31	135	SISMA SLO X	2.41	2.23	12.77
31	31	141	SISMA SLO X	2.7	6.48	11.12
31	31	22	SISMA SLO X	5.33	10.41	12.63
31	31	19	SISMA SLO X	2.47	7.81	14.05
31	31	135	SISMA SLO Y	2.35	4.39	9.44
31	31	141	SISMA SLO Y	5.63	8.61	5.55
31	31	22	SISMA SLO Y	10.5	20.63	5.64
31	31	19	SISMA SLO Y	5.64	16.48	8.25
31	31	135	SLT	0.	0.	0.
31	31	141	SLT	0.	0.	0.
31	31	22	SLT	0.	0.	0.
31	31	19	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
31	31	135	~TorsionSISMA SLV X	0.	0.	0.
31	31	141	~TorsionSISMA SLV X	0.	0.	0.
31	31	22	~TorsionSISMA SLV X	0.	0.	0.
31	31	19	~TorsionSISMA SLV X	0.	0.	0.
31	31	135	~TorsionSISMA SLV Y	0.	0.	0.
31	31	141	~TorsionSISMA SLV Y	0.	0.	0.
31	31	22	~TorsionSISMA SLV Y	0.	0.	0.
31	31	19	~TorsionSISMA SLV Y	0.	0.	0.
31	31	135	~TorsionSISMA SLD X	0.	0.	0.
31	31	141	~TorsionSISMA SLD X	0.	0.	0.
31	31	22	~TorsionSISMA SLD X	0.	0.	0.
31	31	19	~TorsionSISMA SLD X	0.	0.	0.
31	31	135	~TorsionSISMA SLD Y	0.	0.	0.
31	31	141	~TorsionSISMA SLD Y	0.	0.	0.
31	31	22	~TorsionSISMA SLD Y	0.	0.	0.
31	31	19	~TorsionSISMA SLD Y	0.	0.	0.
31	31	135	~TorsionSISMA SLO X	0.	0.	0.
31	31	141	~TorsionSISMA SLO X	0.	0.	0.
31	31	22	~TorsionSISMA SLO X	0.	0.	0.
31	31	19	~TorsionSISMA SLO X	0.	0.	0.
31	31	135	~TorsionSISMA SLO Y	0.	0.	0.
31	31	141	~TorsionSISMA SLO Y	0.	0.	0.
31	31	22	~TorsionSISMA SLO Y	0.	0.	0.
31	31	19	~TorsionSISMA SLO Y	0.	0.	0.
32	32	19	G1_K	-0.37	-66.8	6.9
32	32	22	G1_K	-16.54	-94.41	3.
32	32	142	G1_K	-27.33	-128.41	0.25
32	32	137	G1_K	-11.14	-100.87	4.15
32	32	19	G2_K	2.98	9.82	-33.79
32	32	22	G2_K	1.28	11.64	-33.38
32	32	142	G2_K	-10.32	12.39	-35.47
32	32	137	G2_K	-8.71	11.23	-35.87
32	32	19	Q_K	-1.08	-21.65	4.94
32	32	22	Q_K	-11.72	-37.71	2.84
32	32	142	Q_K	-16.04	-58.78	0.62

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
32	32	137	Q_K	-5.4	-42.72	2.72
32	32	19	N_K	-0.13	-2.6	0.59
32	32	22	N_K	-1.41	-4.53	0.34
32	32	142	N_K	-1.93	-7.05	7.443E-02
32	32	137	N_K	-0.65	-5.13	0.33
32	32	19	T+_K	0.	0.	0.
32	32	22	T+_K	0.	0.	0.
32	32	142	T+_K	0.	0.	0.
32	32	137	T+_K	0.	0.	0.
32	32	19	T-_K	0.	0.	0.
32	32	22	T-_K	0.	0.	0.
32	32	142	T-_K	0.	0.	0.
32	32	137	T-_K	0.	0.	0.
32	32	19	G1_D	-0.47	-86.84	8.97
32	32	22	G1_D	-21.51	-122.73	3.9
32	32	142	G1_D	-35.53	-166.93	0.33
32	32	137	G1_D	-14.48	-131.13	5.39
32	32	19	G2_D	3.87	12.77	-43.92
32	32	22	G2_D	1.67	15.13	-43.4
32	32	142	G2_D	-13.42	16.11	-46.12
32	32	137	G2_D	-11.33	14.6	-46.64
32	32	19	Q_D	-1.62	-32.47	7.4
32	32	22	Q_D	-17.57	-56.57	4.25
32	32	142	Q_D	-24.07	-88.17	0.93
32	32	137	Q_D	-8.11	-64.07	4.08
32	32	19	N_D	-0.19	-3.9	0.89
32	32	22	N_D	-2.11	-6.79	0.51
32	32	142	N_D	-2.89	-10.58	0.11
32	32	137	N_D	-0.97	-7.69	0.49
32	32	19	T+_D	0.	0.	0.
32	32	22	T+_D	0.	0.	0.
32	32	142	T+_D	0.	0.	0.
32	32	137	T+_D	0.	0.	0.
32	32	19	T-_D	0.	0.	0.
32	32	22	T-_D	0.	0.	0.
32	32	142	T-_D	0.	0.	0.
32	32	137	T-_D	0.	0.	0.
32	32	19	W+_K	0.	0.	0.
32	32	22	W+_K	0.	0.	0.
32	32	142	W+_K	0.	0.	0.
32	32	137	W+_K	0.	0.	0.
32	32	19	W-_K	0.	0.	0.
32	32	22	W-_K	0.	0.	0.
32	32	142	W-_K	0.	0.	0.
32	32	137	W-_K	0.	0.	0.
32	32	19	W+_D	0.	0.	0.
32	32	22	W+_D	0.	0.	0.
32	32	142	W+_D	0.	0.	0.
32	32	137	W+_D	0.	0.	0.
32	32	19	W-_D	0.	0.	0.
32	32	22	W-_D	0.	0.	0.
32	32	142	W-_D	0.	0.	0.
32	32	137	W-_D	0.	0.	0.
32	32	19	SISMA SLV X	5.42	12.77	32.65

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
32	32	22	SISMA SLV X	13.32	19.18	32.59
32	32	142	SISMA SLV X	20.01	23.72	27.89
32	32	137	SISMA SLV X	9.17	17.34	27.76
32	32	19	SISMA SLV Y	12.2	27.41	17.64
32	32	22	SISMA SLV Y	23.43	39.33	15.07
32	32	142	SISMA SLV Y	25.89	47.68	12.43
32	32	137	SISMA SLV Y	13.27	36.01	13.33
32	32	19	SISMA SLD X	2.65	6.23	15.95
32	32	22	SISMA SLD X	6.51	9.37	15.92
32	32	142	SISMA SLD X	9.77	11.59	13.62
32	32	137	SISMA SLD X	4.48	8.47	13.56
32	32	19	SISMA SLD Y	5.96	13.39	8.62
32	32	22	SISMA SLD Y	11.44	19.21	7.36
32	32	142	SISMA SLD Y	12.65	23.29	6.07
32	32	137	SISMA SLD Y	6.48	17.59	6.51
32	32	19	SISMA SLO X	2.19	5.16	13.21
32	32	22	SISMA SLO X	5.39	7.76	13.19
32	32	142	SISMA SLO X	8.1	9.6	11.29
32	32	137	SISMA SLO X	3.71	7.02	11.23
32	32	19	SISMA SLO Y	4.93	11.09	7.14
32	32	22	SISMA SLO Y	9.48	15.91	6.1
32	32	142	SISMA SLO Y	10.47	19.29	5.03
32	32	137	SISMA SLO Y	5.37	14.56	5.39
32	32	19	SLT	0.	0.	0.
32	32	22	SLT	0.	0.	0.
32	32	142	SLT	0.	0.	0.
32	32	137	SLT	0.	0.	0.
32	32	19	~TorsionSISMA SLV X	0.	0.	0.
32	32	22	~TorsionSISMA SLV X	0.	0.	0.
32	32	142	~TorsionSISMA SLV X	0.	0.	0.
32	32	137	~TorsionSISMA SLV X	0.	0.	0.
32	32	19	~TorsionSISMA SLV Y	0.	0.	0.
32	32	22	~TorsionSISMA SLV Y	0.	0.	0.
32	32	142	~TorsionSISMA SLV Y	0.	0.	0.
32	32	137	~TorsionSISMA SLV Y	0.	0.	0.
32	32	19	~TorsionSISMA SLD X	0.	0.	0.
32	32	22	~TorsionSISMA SLD X	0.	0.	0.
32	32	142	~TorsionSISMA SLD X	0.	0.	0.
32	32	137	~TorsionSISMA SLD X	0.	0.	0.
32	32	19	~TorsionSISMA SLD Y	0.	0.	0.
32	32	22	~TorsionSISMA SLD Y	0.	0.	0.
32	32	142	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
32	32	137	~TorsionSISMA SLD Y	0.	0.	0.
32	32	19	~TorsionSISMA SLO X	0.	0.	0.
32	32	22	~TorsionSISMA SLO X	0.	0.	0.
32	32	142	~TorsionSISMA SLO X	0.	0.	0.
32	32	137	~TorsionSISMA SLO X	0.	0.	0.
32	32	19	~TorsionSISMA SLO Y	0.	0.	0.
32	32	22	~TorsionSISMA SLO Y	0.	0.	0.
32	32	142	~TorsionSISMA SLO Y	0.	0.	0.
32	32	137	~TorsionSISMA SLO Y	0.	0.	0.
33	33	140	G1_K	-9.46	-51.7	0.13
33	33	107	G1_K	-10.07	-47.76	5.2
33	33	23	G1_K	1.12	-76.06	16.26
33	33	21	G1_K	1.68	-79.57	11.2
33	33	140	G2_K	6.94	33.77	-15.12
33	33	107	G2_K	26.11	131.45	-18.37
33	33	23	G2_K	15.48	132.	-26.82
33	33	21	G2_K	-3.74	34.62	-23.57
33	33	140	Q_K	2.92	11.89	-0.95
33	33	107	Q_K	3.26	18.48	0.25
33	33	23	Q_K	3.65	-9.512E-02	6.09
33	33	21	Q_K	3.26	-6.38	4.89
33	33	140	N_K	0.35	1.43	-0.11
33	33	107	N_K	0.39	2.22	2.960E-02
33	33	23	N_K	0.44	-1.141E-02	0.73
33	33	21	N_K	0.39	-0.77	0.59
33	33	140	T+_K	0.	0.	0.
33	33	107	T+_K	0.	0.	0.
33	33	23	T+_K	0.	0.	0.
33	33	21	T+_K	0.	0.	0.
33	33	140	T-_K	0.	0.	0.
33	33	107	T-_K	0.	0.	0.
33	33	23	T-_K	0.	0.	0.
33	33	21	T-_K	0.	0.	0.
33	33	140	G1_D	-12.29	-67.21	0.17
33	33	107	G1_D	-13.09	-62.08	6.76
33	33	23	G1_D	1.45	-98.87	21.14
33	33	21	G1_D	2.18	-103.44	14.56
33	33	140	G2_D	9.02	43.89	-19.66
33	33	107	G2_D	33.95	170.89	-23.88
33	33	23	G2_D	20.13	171.61	-34.87
33	33	21	G2_D	-4.86	45.	-30.65
33	33	140	Q_D	4.38	17.83	-1.43
33	33	107	Q_D	4.9	27.72	0.37
33	33	23	Q_D	5.47	-0.14	9.14
33	33	21	Q_D	4.89	-9.57	7.34
33	33	140	N_D	0.53	2.14	-0.17
33	33	107	N_D	0.59	3.33	4.440E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
33	33	23	N_D	0.66	-1.712E-02	1.1
33	33	21	N_D	0.59	-1.15	0.88
33	33	140	T+_D	0.	0.	0.
33	33	107	T+_D	0.	0.	0.
33	33	23	T+_D	0.	0.	0.
33	33	21	T+_D	0.	0.	0.
33	33	140	T-_D	0.	0.	0.
33	33	107	T-_D	0.	0.	0.
33	33	23	T-_D	0.	0.	0.
33	33	21	T-_D	0.	0.	0.
33	33	140	W+_K	0.	0.	0.
33	33	107	W+_K	0.	0.	0.
33	33	23	W+_K	0.	0.	0.
33	33	21	W+_K	0.	0.	0.
33	33	140	W-_K	0.	0.	0.
33	33	107	W-_K	0.	0.	0.
33	33	23	W-_K	0.	0.	0.
33	33	21	W-_K	0.	0.	0.
33	33	140	W+_D	0.	0.	0.
33	33	107	W+_D	0.	0.	0.
33	33	23	W+_D	0.	0.	0.
33	33	21	W+_D	0.	0.	0.
33	33	140	W-_D	0.	0.	0.
33	33	107	W-_D	0.	0.	0.
33	33	23	W-_D	0.	0.	0.
33	33	21	W-_D	0.	0.	0.
33	33	140	SISMA SLV X	9.73	45.1	16.54
33	33	107	SISMA SLV X	25.03	128.31	18.82
33	33	23	SISMA SLV X	14.93	113.77	26.32
33	33	21	SISMA SLV X	2.93	22.7	24.22
33	33	140	SISMA SLV Y	15.55	74.04	8.32
33	33	107	SISMA SLV Y	18.96	98.53	8.41
33	33	23	SISMA SLV Y	7.4	56.21	14.5
33	33	21	SISMA SLV Y	2.98	19.79	15.58
33	33	140	SISMA SLD X	4.75	22.03	8.08
33	33	107	SISMA SLD X	12.23	62.67	9.19
33	33	23	SISMA SLD X	7.29	55.57	12.85
33	33	21	SISMA SLD X	1.43	11.09	11.83
33	33	140	SISMA SLD Y	7.6	36.16	4.06
33	33	107	SISMA SLD Y	9.26	48.13	4.11
33	33	23	SISMA SLD Y	3.62	27.46	7.08
33	33	21	SISMA SLD Y	1.46	9.66	7.61
33	33	140	SISMA SLO X	3.94	18.25	6.69
33	33	107	SISMA SLO X	10.13	51.92	7.61
33	33	23	SISMA SLO X	6.04	46.04	10.65
33	33	21	SISMA SLO X	1.18	9.18	9.8
33	33	140	SISMA SLO Y	6.29	29.95	3.36
33	33	107	SISMA SLO Y	7.67	39.86	3.4
33	33	23	SISMA SLO Y	3.	22.75	5.87
33	33	21	SISMA SLO Y	1.21	8.	6.3
33	33	140	SLT	0.	0.	0.
33	33	107	SLT	0.	0.	0.
33	33	23	SLT	0.	0.	0.
33	33	21	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
33	33	140	~TorsionSISMA SLV X	0.	0.	0.
33	33	107	~TorsionSISMA SLV X	0.	0.	0.
33	33	23	~TorsionSISMA SLV X	0.	0.	0.
33	33	21	~TorsionSISMA SLV X	0.	0.	0.
33	33	140	~TorsionSISMA SLV Y	0.	0.	0.
33	33	107	~TorsionSISMA SLV Y	0.	0.	0.
33	33	23	~TorsionSISMA SLV Y	0.	0.	0.
33	33	21	~TorsionSISMA SLV Y	0.	0.	0.
33	33	140	~TorsionSISMA SLD X	0.	0.	0.
33	33	107	~TorsionSISMA SLD X	0.	0.	0.
33	33	23	~TorsionSISMA SLD X	0.	0.	0.
33	33	21	~TorsionSISMA SLD X	0.	0.	0.
33	33	140	~TorsionSISMA SLD Y	0.	0.	0.
33	33	107	~TorsionSISMA SLD Y	0.	0.	0.
33	33	23	~TorsionSISMA SLD Y	0.	0.	0.
33	33	21	~TorsionSISMA SLD Y	0.	0.	0.
33	33	140	~TorsionSISMA SLO X	0.	0.	0.
33	33	107	~TorsionSISMA SLO X	0.	0.	0.
33	33	23	~TorsionSISMA SLO X	0.	0.	0.
33	33	21	~TorsionSISMA SLO X	0.	0.	0.
33	33	140	~TorsionSISMA SLO Y	0.	0.	0.
33	33	107	~TorsionSISMA SLO Y	0.	0.	0.
33	33	23	~TorsionSISMA SLO Y	0.	0.	0.
33	33	21	~TorsionSISMA SLO Y	0.	0.	0.
34	34	21	G1_K	4.34	-66.72	12.27
34	34	23	G1_K	1.85	-71.93	5.21
34	34	144	G1_K	-7.23	-103.92	1.84
34	34	141	G1_K	-4.83	-98.19	8.89
34	34	21	G2_K	-3.86	33.64	-23.53
34	34	23	G2_K	7.05	90.2	-12.97
34	34	144	G2_K	9.98	93.12	-6.45
34	34	141	G2_K	-0.96	36.77	-17.
34	34	21	Q_K	3.77	-4.35	6.94
34	34	23	Q_K	1.72	-9.21	2.56
34	34	144	Q_K	-3.74	-28.74	2.51

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
34	34	141	Q_K	-1.74	-23.52	6.89
34	34	21	N_K	0.45	-0.52	0.83
34	34	23	N_K	0.21	-1.1	0.31
34	34	144	N_K	-0.45	-3.45	0.3
34	34	141	N_K	-0.21	-2.82	0.83
34	34	21	T+_K	0.	0.	0.
34	34	23	T+_K	0.	0.	0.
34	34	144	T+_K	0.	0.	0.
34	34	141	T+_K	0.	0.	0.
34	34	21	T-_K	0.	0.	0.
34	34	23	T-_K	0.	0.	0.
34	34	144	T-_K	0.	0.	0.
34	34	141	T-_K	0.	0.	0.
34	34	21	G1_D	5.64	-86.74	15.95
34	34	23	G1_D	2.41	-93.51	6.78
34	34	144	G1_D	-9.4	-135.1	2.39
34	34	141	G1_D	-6.28	-127.65	11.56
34	34	21	G2_D	-5.01	43.73	-30.59
34	34	23	G2_D	9.17	117.27	-16.86
34	34	144	G2_D	12.97	121.06	-8.38
34	34	141	G2_D	-1.25	47.81	-22.1
34	34	21	Q_D	5.66	-6.52	10.42
34	34	23	Q_D	2.58	-13.81	3.83
34	34	144	Q_D	-5.61	-43.11	3.76
34	34	141	Q_D	-2.61	-35.27	10.34
34	34	21	N_D	0.68	-0.78	1.25
34	34	23	N_D	0.31	-1.66	0.46
34	34	144	N_D	-0.67	-5.17	0.45
34	34	141	N_D	-0.31	-4.23	1.24
34	34	21	T+_D	0.	0.	0.
34	34	23	T+_D	0.	0.	0.
34	34	144	T+_D	0.	0.	0.
34	34	141	T+_D	0.	0.	0.
34	34	21	T-_D	0.	0.	0.
34	34	23	T-_D	0.	0.	0.
34	34	144	T-_D	0.	0.	0.
34	34	141	T-_D	0.	0.	0.
34	34	21	W+_K	0.	0.	0.
34	34	23	W+_K	0.	0.	0.
34	34	144	W+_K	0.	0.	0.
34	34	141	W+_K	0.	0.	0.
34	34	21	W-_K	0.	0.	0.
34	34	23	W-_K	0.	0.	0.
34	34	144	W-_K	0.	0.	0.
34	34	141	W-_K	0.	0.	0.
34	34	21	W+_D	0.	0.	0.
34	34	23	W+_D	0.	0.	0.
34	34	144	W+_D	0.	0.	0.
34	34	141	W+_D	0.	0.	0.
34	34	21	W-_D	0.	0.	0.
34	34	23	W-_D	0.	0.	0.
34	34	144	W-_D	0.	0.	0.
34	34	141	W-_D	0.	0.	0.
34	34	21	SISMA SLV X	2.83	28.42	21.62

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
34	34	23	SISMA SLV X	5.43	68.69	14.98
34	34	144	SISMA SLV X	5.31	62.21	10.46
34	34	141	SISMA SLV X	4.31	23.11	17.11
34	34	21	SISMA SLV Y	4.99	26.77	13.09
34	34	23	SISMA SLV Y	3.97	38.14	10.17
34	34	144	SISMA SLV Y	8.58	39.3	7.46
34	34	141	SISMA SLV Y	7.08	28.71	10.37
34	34	21	SISMA SLD X	1.38	13.88	10.56
34	34	23	SISMA SLD X	2.65	33.55	7.32
34	34	144	SISMA SLD X	2.59	30.39	5.11
34	34	141	SISMA SLD X	2.1	11.29	8.36
34	34	21	SISMA SLD Y	2.44	13.07	6.39
34	34	23	SISMA SLD Y	1.94	18.63	4.97
34	34	144	SISMA SLD Y	4.19	19.2	3.64
34	34	141	SISMA SLD Y	3.46	14.02	5.06
34	34	21	SISMA SLO X	1.14	11.5	8.75
34	34	23	SISMA SLO X	2.2	27.8	6.06
34	34	144	SISMA SLO X	2.15	25.17	4.23
34	34	141	SISMA SLO X	1.74	9.35	6.92
34	34	21	SISMA SLO Y	2.02	10.83	5.29
34	34	23	SISMA SLO Y	1.6	15.43	4.11
34	34	144	SISMA SLO Y	3.47	15.9	3.02
34	34	141	SISMA SLO Y	2.86	11.61	4.19
34	34	21	SLT	0.	0.	0.
34	34	23	SLT	0.	0.	0.
34	34	144	SLT	0.	0.	0.
34	34	141	SLT	0.	0.	0.
34	34	21	~TorsionSISMA SLV X	0.	0.	0.
34	34	23	~TorsionSISMA SLV X	0.	0.	0.
34	34	144	~TorsionSISMA SLV X	0.	0.	0.
34	34	141	~TorsionSISMA SLV X	0.	0.	0.
34	34	21	~TorsionSISMA SLV Y	0.	0.	0.
34	34	23	~TorsionSISMA SLV Y	0.	0.	0.
34	34	144	~TorsionSISMA SLV Y	0.	0.	0.
34	34	141	~TorsionSISMA SLV Y	0.	0.	0.
34	34	21	~TorsionSISMA SLD X	0.	0.	0.
34	34	23	~TorsionSISMA SLD X	0.	0.	0.
34	34	144	~TorsionSISMA SLD X	0.	0.	0.
34	34	141	~TorsionSISMA SLD X	0.	0.	0.
34	34	21	~TorsionSISMA SLD Y	0.	0.	0.
34	34	23	~TorsionSISMA SLD Y	0.	0.	0.
34	34	144	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
34	34	141	~TorsionSISMA SLD Y	0.	0.	0.
34	34	21	~TorsionSISMA SLO X	0.	0.	0.
34	34	23	~TorsionSISMA SLO X	0.	0.	0.
34	34	144	~TorsionSISMA SLO X	0.	0.	0.
34	34	141	~TorsionSISMA SLO X	0.	0.	0.
34	34	21	~TorsionSISMA SLO Y	0.	0.	0.
34	34	23	~TorsionSISMA SLO Y	0.	0.	0.
34	34	144	~TorsionSISMA SLO Y	0.	0.	0.
34	34	141	~TorsionSISMA SLO Y	0.	0.	0.
35	35	141	G1_K	-1.13	-80.77	1.78
35	35	144	G1_K	-6.84	-100.84	9.27
35	35	24	G1_K	-10.94	-134.45	4.89
35	35	22	G1_K	-5.26	-114.11	-2.61
35	35	141	G2_K	-3.23	25.42	-14.23
35	35	144	G2_K	3.78	62.11	-11.15
35	35	24	G2_K	7.88	65.38	-10.73
35	35	22	G2_K	0.82	28.99	-13.81
35	35	141	Q_K	-1.01	-20.51	2.68
35	35	144	Q_K	-5.1	-34.93	7.01
35	35	24	Q_K	-6.36	-55.53	3.8
35	35	22	Q_K	-2.29	-40.92	-0.53
35	35	141	N_K	-0.12	-2.46	0.32
35	35	144	N_K	-0.61	-4.19	0.84
35	35	24	N_K	-0.76	-6.66	0.46
35	35	22	N_K	-0.28	-4.91	-6.404E-02
35	35	141	T+_K	0.	0.	0.
35	35	144	T+_K	0.	0.	0.
35	35	24	T+_K	0.	0.	0.
35	35	22	T+_K	0.	0.	0.
35	35	141	T-_K	0.	0.	0.
35	35	144	T-_K	0.	0.	0.
35	35	24	T-_K	0.	0.	0.
35	35	22	T-_K	0.	0.	0.
35	35	141	G1_D	-1.46	-105.	2.32
35	35	144	G1_D	-8.89	-131.09	12.06
35	35	24	G1_D	-14.22	-174.78	6.35
35	35	22	G1_D	-6.83	-148.34	-3.39
35	35	141	G2_D	-4.2	33.05	-18.5
35	35	144	G2_D	4.91	80.75	-14.5
35	35	24	G2_D	10.25	84.99	-13.95
35	35	22	G2_D	1.07	37.69	-17.96
35	35	141	Q_D	-1.52	-30.76	4.02
35	35	144	Q_D	-7.65	-52.39	10.52
35	35	24	Q_D	-9.54	-83.29	5.7
35	35	22	Q_D	-3.44	-61.37	-0.8
35	35	141	N_D	-0.18	-3.69	0.48
35	35	144	N_D	-0.92	-6.29	1.26

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
35	35	24	N_D	-1.14	-9.99	0.68
35	35	22	N_D	-0.41	-7.36	-9.605E-02
35	35	141	T+_D	0.	0.	0.
35	35	144	T+_D	0.	0.	0.
35	35	24	T+_D	0.	0.	0.
35	35	22	T+_D	0.	0.	0.
35	35	141	T-_D	0.	0.	0.
35	35	144	T-_D	0.	0.	0.
35	35	24	T-_D	0.	0.	0.
35	35	22	T-_D	0.	0.	0.
35	35	141	W+_K	0.	0.	0.
35	35	144	W+_K	0.	0.	0.
35	35	24	W+_K	0.	0.	0.
35	35	22	W+_K	0.	0.	0.
35	35	141	W-_K	0.	0.	0.
35	35	144	W-_K	0.	0.	0.
35	35	24	W-_K	0.	0.	0.
35	35	22	W-_K	0.	0.	0.
35	35	141	W+_D	0.	0.	0.
35	35	144	W+_D	0.	0.	0.
35	35	24	W+_D	0.	0.	0.
35	35	22	W+_D	0.	0.	0.
35	35	141	W-_D	0.	0.	0.
35	35	144	W-_D	0.	0.	0.
35	35	24	W-_D	0.	0.	0.
35	35	22	W-_D	0.	0.	0.
35	35	141	SISMA SLV X	4.58	15.67	15.97
35	35	144	SISMA SLV X	5.87	31.73	13.19
35	35	24	SISMA SLV X	6.65	38.1	14.43
35	35	22	SISMA SLV X	4.56	24.63	17.41
35	35	141	SISMA SLV Y	6.2	18.91	8.97
35	35	144	SISMA SLV Y	8.99	33.41	8.59
35	35	24	SISMA SLV Y	13.61	63.16	6.38
35	35	22	SISMA SLV Y	9.92	48.73	7.83
35	35	141	SISMA SLD X	2.24	7.65	7.8
35	35	144	SISMA SLD X	2.87	15.5	6.44
35	35	24	SISMA SLD X	3.25	18.61	7.05
35	35	22	SISMA SLD X	2.22	12.03	8.5
35	35	141	SISMA SLD Y	3.02	9.23	4.38
35	35	144	SISMA SLD Y	4.39	16.32	4.2
35	35	24	SISMA SLD Y	6.65	30.85	3.12
35	35	22	SISMA SLD Y	4.85	23.8	3.82
35	35	141	SISMA SLO X	1.85	6.34	6.46
35	35	144	SISMA SLO X	2.37	12.84	5.34
35	35	24	SISMA SLO X	2.69	15.41	5.84
35	35	22	SISMA SLO X	1.84	9.96	7.05
35	35	141	SISMA SLO Y	2.5	7.64	3.63
35	35	144	SISMA SLO Y	3.64	13.51	3.47
35	35	24	SISMA SLO Y	5.51	25.55	2.58
35	35	22	SISMA SLO Y	4.01	19.71	3.17
35	35	141	SLT	0.	0.	0.
35	35	144	SLT	0.	0.	0.
35	35	24	SLT	0.	0.	0.
35	35	22	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
35	35	141	~TorsionSISMA SLV X	0.	0.	0.
35	35	144	~TorsionSISMA SLV X	0.	0.	0.
35	35	24	~TorsionSISMA SLV X	0.	0.	0.
35	35	22	~TorsionSISMA SLV X	0.	0.	0.
35	35	141	~TorsionSISMA SLV Y	0.	0.	0.
35	35	144	~TorsionSISMA SLV Y	0.	0.	0.
35	35	24	~TorsionSISMA SLV Y	0.	0.	0.
35	35	22	~TorsionSISMA SLV Y	0.	0.	0.
35	35	141	~TorsionSISMA SLD X	0.	0.	0.
35	35	144	~TorsionSISMA SLD X	0.	0.	0.
35	35	24	~TorsionSISMA SLD X	0.	0.	0.
35	35	22	~TorsionSISMA SLD X	0.	0.	0.
35	35	141	~TorsionSISMA SLD Y	0.	0.	0.
35	35	144	~TorsionSISMA SLD Y	0.	0.	0.
35	35	24	~TorsionSISMA SLD Y	0.	0.	0.
35	35	22	~TorsionSISMA SLD Y	0.	0.	0.
35	35	141	~TorsionSISMA SLO X	0.	0.	0.
35	35	144	~TorsionSISMA SLO X	0.	0.	0.
35	35	24	~TorsionSISMA SLO X	0.	0.	0.
35	35	22	~TorsionSISMA SLO X	0.	0.	0.
35	35	141	~TorsionSISMA SLO Y	0.	0.	0.
35	35	144	~TorsionSISMA SLO Y	0.	0.	0.
35	35	24	~TorsionSISMA SLO Y	0.	0.	0.
35	35	22	~TorsionSISMA SLO Y	0.	0.	0.
36	36	22	G1_K	-0.37	-90.67	11.42
36	36	24	G1_K	-12.52	-141.37	-8.92
36	36	145	G1_K	-35.53	-179.22	-25.3
36	36	142	G1_K	-23.42	-128.14	-4.95
36	36	22	G2_K	-2.51	12.2	-25.13
36	36	24	G2_K	2.41	38.14	0.42
36	36	145	G2_K	15.65	40.99	0.61
36	36	142	G2_K	10.69	15.27	-24.95
36	36	22	Q_K	-1.09	-35.41	8.16
36	36	24	Q_K	-8.61	-66.25	-4.37
36	36	145	Q_K	-21.8	-89.72	-14.75

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
36	36	142	Q_K	-14.31	-58.61	-2.23
36	36	22	N_K	-0.13	-4.25	0.98
36	36	24	N_K	-1.03	-7.95	-0.52
36	36	145	N_K	-2.62	-10.77	-1.77
36	36	142	N_K	-1.72	-7.03	-0.27
36	36	22	T+_K	0.	0.	0.
36	36	24	T+_K	0.	0.	0.
36	36	145	T+_K	0.	0.	0.
36	36	142	T+_K	0.	0.	0.
36	36	22	T-_K	0.	0.	0.
36	36	24	T-_K	0.	0.	0.
36	36	145	T-_K	0.	0.	0.
36	36	142	T-_K	0.	0.	0.
36	36	22	G1_D	-0.48	-117.87	14.85
36	36	24	G1_D	-16.27	-183.78	-11.6
36	36	145	G1_D	-46.19	-232.99	-32.88
36	36	142	G1_D	-30.45	-166.58	-6.44
36	36	22	G2_D	-3.26	15.86	-32.67
36	36	24	G2_D	3.13	49.58	0.55
36	36	145	G2_D	20.35	53.29	0.79
36	36	142	G2_D	13.89	19.85	-32.43
36	36	22	Q_D	-1.63	-53.11	12.24
36	36	24	Q_D	-12.91	-99.38	-6.55
36	36	145	Q_D	-32.7	-134.57	-22.12
36	36	142	Q_D	-21.46	-87.92	-3.34
36	36	22	N_D	-0.2	-6.37	1.47
36	36	24	N_D	-1.55	-11.93	-0.79
36	36	145	N_D	-3.92	-16.15	-2.65
36	36	142	N_D	-2.58	-10.55	-0.4
36	36	22	T+_D	0.	0.	0.
36	36	24	T+_D	0.	0.	0.
36	36	145	T+_D	0.	0.	0.
36	36	142	T+_D	0.	0.	0.
36	36	22	T-_D	0.	0.	0.
36	36	24	T-_D	0.	0.	0.
36	36	145	T-_D	0.	0.	0.
36	36	142	T-_D	0.	0.	0.
36	36	22	W+_K	0.	0.	0.
36	36	24	W+_K	0.	0.	0.
36	36	145	W+_K	0.	0.	0.
36	36	142	W+_K	0.	0.	0.
36	36	22	W-_K	0.	0.	0.
36	36	24	W-_K	0.	0.	0.
36	36	145	W-_K	0.	0.	0.
36	36	142	W-_K	0.	0.	0.
36	36	22	W+_D	0.	0.	0.
36	36	24	W+_D	0.	0.	0.
36	36	145	W+_D	0.	0.	0.
36	36	142	W+_D	0.	0.	0.
36	36	22	W-_D	0.	0.	0.
36	36	24	W-_D	0.	0.	0.
36	36	145	W-_D	0.	0.	0.
36	36	142	W-_D	0.	0.	0.
36	36	22	SISMA SLV X	4.47	19.46	18.08

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
36	36	24	SISMA SLV X	9.44	34.69	12.55
36	36	145	SISMA SLV X	14.23	37.42	23.45
36	36	142	SISMA SLV X	8.56	21.19	27.81
36	36	22	SISMA SLV Y	9.44	40.09	8.98
36	36	24	SISMA SLV Y	13.44	65.95	8.64
36	36	145	SISMA SLV Y	20.09	68.36	19.17
36	36	142	SISMA SLV Y	15.06	42.04	13.44
36	36	22	SISMA SLD X	2.18	9.51	8.83
36	36	24	SISMA SLD X	4.61	16.94	6.13
36	36	145	SISMA SLD X	6.95	18.28	11.45
36	36	142	SISMA SLD X	4.18	10.35	13.58
36	36	22	SISMA SLD Y	4.61	19.58	4.39
36	36	24	SISMA SLD Y	6.57	32.21	4.22
36	36	145	SISMA SLD Y	9.81	33.39	9.36
36	36	142	SISMA SLD Y	7.35	20.53	6.57
36	36	22	SISMA SLO X	1.81	7.87	7.31
36	36	24	SISMA SLO X	3.82	14.03	5.08
36	36	145	SISMA SLO X	5.76	15.14	9.49
36	36	142	SISMA SLO X	3.46	8.57	11.25
36	36	22	SISMA SLO Y	3.81	16.22	3.63
36	36	24	SISMA SLO Y	5.44	26.68	3.49
36	36	145	SISMA SLO Y	8.13	27.65	7.75
36	36	142	SISMA SLO Y	6.09	17.01	5.44
36	36	22	SLT	0.	0.	0.
36	36	24	SLT	0.	0.	0.
36	36	145	SLT	0.	0.	0.
36	36	142	SLT	0.	0.	0.
36	36	22	~TorsionSISMA SLV X	0.	0.	0.
36	36	24	~TorsionSISMA SLV X	0.	0.	0.
36	36	145	~TorsionSISMA SLV X	0.	0.	0.
36	36	142	~TorsionSISMA SLV X	0.	0.	0.
36	36	22	~TorsionSISMA SLV Y	0.	0.	0.
36	36	24	~TorsionSISMA SLV Y	0.	0.	0.
36	36	145	~TorsionSISMA SLV Y	0.	0.	0.
36	36	142	~TorsionSISMA SLV Y	0.	0.	0.
36	36	22	~TorsionSISMA SLD X	0.	0.	0.
36	36	24	~TorsionSISMA SLD X	0.	0.	0.
36	36	145	~TorsionSISMA SLD X	0.	0.	0.
36	36	142	~TorsionSISMA SLD X	0.	0.	0.
36	36	22	~TorsionSISMA SLD Y	0.	0.	0.
36	36	24	~TorsionSISMA SLD Y	0.	0.	0.
36	36	145	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
36	36	142	~TorsionSISMA SLD Y	0.	0.	0.
36	36	22	~TorsionSISMA SLO X	0.	0.	0.
36	36	24	~TorsionSISMA SLO X	0.	0.	0.
36	36	145	~TorsionSISMA SLO X	0.	0.	0.
36	36	142	~TorsionSISMA SLO X	0.	0.	0.
36	36	22	~TorsionSISMA SLO Y	0.	0.	0.
36	36	24	~TorsionSISMA SLO Y	0.	0.	0.
36	36	145	~TorsionSISMA SLO Y	0.	0.	0.
36	36	142	~TorsionSISMA SLO Y	0.	0.	0.
37	37	109	G1_K	-3.97	-32.67	3.37
37	37	101	G1_K	-22.41	-99.79	5.89
37	37	25	G1_K	-8.08	-118.94	10.94
37	37	26	G1_K	10.28	-51.63	8.42
37	37	109	G2_K	-39.22	-180.11	-61.77
37	37	101	G2_K	32.41	131.72	-68.46
37	37	25	G2_K	-2.31	63.13	-229.7
37	37	26	G2_K	-70.9	-251.66	-223.01
37	37	109	Q_K	2.95	12.78	2.42
37	37	101	Q_K	-4.87	-22.04	1.77
37	37	25	Q_K	-2.98	-24.93	5.57
37	37	26	Q_K	4.81	9.95	6.22
37	37	109	N_K	0.35	1.53	0.29
37	37	101	N_K	-0.58	-2.65	0.21
37	37	25	N_K	-0.36	-2.99	0.67
37	37	26	N_K	0.58	1.19	0.75
37	37	109	T+_K	0.	0.	0.
37	37	101	T+_K	0.	0.	0.
37	37	25	T+_K	0.	0.	0.
37	37	26	T+_K	0.	0.	0.
37	37	109	T-_K	0.	0.	0.
37	37	101	T-_K	0.	0.	0.
37	37	25	T-_K	0.	0.	0.
37	37	26	T-_K	0.	0.	0.
37	37	109	G1_D	-5.16	-42.47	4.38
37	37	101	G1_D	-29.13	-129.73	7.65
37	37	25	G1_D	-10.5	-154.63	14.22
37	37	26	G1_D	13.37	-67.12	10.95
37	37	109	G2_D	-50.98	-234.14	-80.3
37	37	101	G2_D	42.13	171.23	-89.
37	37	25	G2_D	-3.	82.07	-298.62
37	37	26	G2_D	-92.17	-327.16	-289.91
37	37	109	Q_D	4.43	19.17	3.62
37	37	101	Q_D	-7.31	-33.07	2.65
37	37	25	Q_D	-4.47	-37.4	8.35
37	37	26	Q_D	7.21	14.92	9.33
37	37	109	N_D	0.53	2.3	0.43
37	37	101	N_D	-0.88	-3.97	0.32

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
37	37	25	N_D	-0.54	-4.49	1.
37	37	26	N_D	0.87	1.79	1.12
37	37	109	T+_D	0.	0.	0.
37	37	101	T+_D	0.	0.	0.
37	37	25	T+_D	0.	0.	0.
37	37	26	T+_D	0.	0.	0.
37	37	109	T-_D	0.	0.	0.
37	37	101	T-_D	0.	0.	0.
37	37	25	T-_D	0.	0.	0.
37	37	26	T-_D	0.	0.	0.
37	37	109	W+_K	0.	0.	0.
37	37	101	W+_K	0.	0.	0.
37	37	25	W+_K	0.	0.	0.
37	37	26	W+_K	0.	0.	0.
37	37	109	W-_K	0.	0.	0.
37	37	101	W-_K	0.	0.	0.
37	37	25	W-_K	0.	0.	0.
37	37	26	W-_K	0.	0.	0.
37	37	109	W+_D	0.	0.	0.
37	37	101	W+_D	0.	0.	0.
37	37	25	W+_D	0.	0.	0.
37	37	26	W+_D	0.	0.	0.
37	37	109	W-_D	0.	0.	0.
37	37	101	W-_D	0.	0.	0.
37	37	25	W-_D	0.	0.	0.
37	37	26	W-_D	0.	0.	0.
37	37	109	SISMA SLV X	16.77	86.92	14.41
37	37	101	SISMA SLV X	8.21	39.66	8.19
37	37	25	SISMA SLV X	11.66	32.21	25.39
37	37	26	SISMA SLV X	13.07	110.92	31.79
37	37	109	SISMA SLV Y	7.89	40.23	7.24
37	37	101	SISMA SLV Y	7.83	29.79	3.6
37	37	25	SISMA SLV Y	6.88	64.51	11.73
37	37	26	SISMA SLV Y	7.1	63.58	15.51
37	37	109	SISMA SLD X	8.19	42.46	7.04
37	37	101	SISMA SLD X	4.01	19.37	4.
37	37	25	SISMA SLD X	5.7	15.73	12.4
37	37	26	SISMA SLD X	6.38	54.18	15.53
37	37	109	SISMA SLD Y	3.85	19.65	3.54
37	37	101	SISMA SLD Y	3.82	14.55	1.76
37	37	25	SISMA SLD Y	3.36	31.51	5.73
37	37	26	SISMA SLD Y	3.47	31.06	7.58
37	37	109	SISMA SLO X	6.78	35.17	5.83
37	37	101	SISMA SLO X	3.32	16.04	3.31
37	37	25	SISMA SLO X	4.72	13.03	10.27
37	37	26	SISMA SLO X	5.29	44.88	12.86
37	37	109	SISMA SLO Y	3.19	16.27	2.93
37	37	101	SISMA SLO Y	3.16	12.04	1.46
37	37	25	SISMA SLO Y	2.78	26.09	4.75
37	37	26	SISMA SLO Y	2.87	25.73	6.28
37	37	109	SLT	0.	0.	0.
37	37	101	SLT	0.	0.	0.
37	37	25	SLT	0.	0.	0.
37	37	26	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
37	37	109	~TorsionSISMA SLV X	0.	0.	0.
37	37	101	~TorsionSISMA SLV X	0.	0.	0.
37	37	25	~TorsionSISMA SLV X	0.	0.	0.
37	37	26	~TorsionSISMA SLV X	0.	0.	0.
37	37	109	~TorsionSISMA SLV Y	0.	0.	0.
37	37	101	~TorsionSISMA SLV Y	0.	0.	0.
37	37	25	~TorsionSISMA SLV Y	0.	0.	0.
37	37	26	~TorsionSISMA SLV Y	0.	0.	0.
37	37	109	~TorsionSISMA SLD X	0.	0.	0.
37	37	101	~TorsionSISMA SLD X	0.	0.	0.
37	37	25	~TorsionSISMA SLD X	0.	0.	0.
37	37	26	~TorsionSISMA SLD X	0.	0.	0.
37	37	109	~TorsionSISMA SLD Y	0.	0.	0.
37	37	101	~TorsionSISMA SLD Y	0.	0.	0.
37	37	25	~TorsionSISMA SLD Y	0.	0.	0.
37	37	26	~TorsionSISMA SLD Y	0.	0.	0.
37	37	109	~TorsionSISMA SLO X	0.	0.	0.
37	37	101	~TorsionSISMA SLO X	0.	0.	0.
37	37	25	~TorsionSISMA SLO X	0.	0.	0.
37	37	26	~TorsionSISMA SLO X	0.	0.	0.
37	37	109	~TorsionSISMA SLO Y	0.	0.	0.
37	37	101	~TorsionSISMA SLO Y	0.	0.	0.
37	37	25	~TorsionSISMA SLO Y	0.	0.	0.
37	37	26	~TorsionSISMA SLO Y	0.	0.	0.
38	38	26	G1_K	7.02	-66.11	13.76
38	38	25	G1_K	-2.68	-93.82	5.37
38	38	146	G1_K	-5.3	-91.84	0.53
38	38	147	G1_K	4.36	-64.2	8.92
38	38	26	G2_K	-15.66	-31.88	-188.53
38	38	25	G2_K	-23.65	12.81	-186.64
38	38	146	G2_K	-101.21	-42.38	-120.92
38	38	147	G2_K	-91.38	-88.77	-122.82
38	38	26	Q_K	1.65	-4.25	7.19
38	38	25	Q_K	-1.54	-19.3	3.12
38	38	146	Q_K	-0.26	-18.05	0.68

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
38	38	147	Q_K	2.92	-3.02	4.74
38	38	26	N_K	0.2	-0.51	0.86
38	38	25	N_K	-0.18	-2.32	0.37
38	38	146	N_K	-3.079E-02	-2.17	8.127E-02
38	38	147	N_K	0.35	-0.36	0.57
38	38	26	T+_K	0.	0.	0.
38	38	25	T+_K	0.	0.	0.
38	38	146	T+_K	0.	0.	0.
38	38	147	T+_K	0.	0.	0.
38	38	26	T-_K	0.	0.	0.
38	38	25	T-_K	0.	0.	0.
38	38	146	T-_K	0.	0.	0.
38	38	147	T-_K	0.	0.	0.
38	38	26	G1_D	9.13	-85.95	17.89
38	38	25	G1_D	-3.49	-121.96	6.98
38	38	146	G1_D	-6.89	-119.39	0.69
38	38	147	G1_D	5.66	-83.46	11.6
38	38	26	G2_D	-20.36	-41.44	-245.09
38	38	25	G2_D	-30.75	16.65	-242.63
38	38	146	G2_D	-131.57	-55.09	-157.2
38	38	147	G2_D	-118.8	-115.4	-159.66
38	38	26	Q_D	2.48	-6.38	10.78
38	38	25	Q_D	-2.3	-28.95	4.68
38	38	146	Q_D	-0.38	-27.08	1.02
38	38	147	Q_D	4.37	-4.53	7.12
38	38	26	N_D	0.3	-0.77	1.29
38	38	25	N_D	-0.28	-3.47	0.56
38	38	146	N_D	-4.619E-02	-3.25	0.12
38	38	147	N_D	0.52	-0.54	0.85
38	38	26	T+_D	0.	0.	0.
38	38	25	T+_D	0.	0.	0.
38	38	146	T+_D	0.	0.	0.
38	38	147	T+_D	0.	0.	0.
38	38	26	T-_D	0.	0.	0.
38	38	25	T-_D	0.	0.	0.
38	38	146	T-_D	0.	0.	0.
38	38	147	T-_D	0.	0.	0.
38	38	26	W+_K	0.	0.	0.
38	38	25	W+_K	0.	0.	0.
38	38	146	W+_K	0.	0.	0.
38	38	147	W+_K	0.	0.	0.
38	38	26	W-_K	0.	0.	0.
38	38	25	W-_K	0.	0.	0.
38	38	146	W-_K	0.	0.	0.
38	38	147	W-_K	0.	0.	0.
38	38	26	W+_D	0.	0.	0.
38	38	25	W+_D	0.	0.	0.
38	38	146	W+_D	0.	0.	0.
38	38	147	W+_D	0.	0.	0.
38	38	26	W-_D	0.	0.	0.
38	38	25	W-_D	0.	0.	0.
38	38	146	W-_D	0.	0.	0.
38	38	147	W-_D	0.	0.	0.
38	38	26	SISMA SLV X	3.93	37.44	25.5

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
38	38	25	SISMA SLV X	11.06	20.73	22.01
38	38	146	SISMA SLV X	4.22	25.	20.63
38	38	147	SISMA SLV X	12.31	56.99	24.1
38	38	26	SISMA SLV Y	7.81	24.89	12.07
38	38	25	SISMA SLV Y	5.81	36.27	10.23
38	38	146	SISMA SLV Y	5.53	55.36	11.9
38	38	147	SISMA SLV Y	5.69	45.3	13.74
38	38	26	SISMA SLD X	1.92	18.29	12.46
38	38	25	SISMA SLD X	5.4	10.12	10.75
38	38	146	SISMA SLD X	2.06	12.21	10.08
38	38	147	SISMA SLD X	6.01	27.84	11.77
38	38	26	SISMA SLD Y	3.81	12.16	5.9
38	38	25	SISMA SLD Y	2.84	17.71	5.
38	38	146	SISMA SLD Y	2.7	27.04	5.81
38	38	147	SISMA SLD Y	2.78	22.13	6.71
38	38	26	SISMA SLO X	1.59	15.15	10.32
38	38	25	SISMA SLO X	4.48	8.38	8.91
38	38	146	SISMA SLO X	1.7	10.11	8.35
38	38	147	SISMA SLO X	4.98	23.06	9.75
38	38	26	SISMA SLO Y	3.16	10.07	4.88
38	38	25	SISMA SLO Y	2.35	14.67	4.14
38	38	146	SISMA SLO Y	2.23	22.39	4.81
38	38	147	SISMA SLO Y	2.3	18.33	5.56
38	38	26	SLT	0.	0.	0.
38	38	25	SLT	0.	0.	0.
38	38	146	SLT	0.	0.	0.
38	38	147	SLT	0.	0.	0.
38	38	26	~TorsionSISMA SLV X	0.	0.	0.
38	38	25	~TorsionSISMA SLV X	0.	0.	0.
38	38	146	~TorsionSISMA SLV X	0.	0.	0.
38	38	147	~TorsionSISMA SLV X	0.	0.	0.
38	38	26	~TorsionSISMA SLV Y	0.	0.	0.
38	38	25	~TorsionSISMA SLV Y	0.	0.	0.
38	38	146	~TorsionSISMA SLV Y	0.	0.	0.
38	38	147	~TorsionSISMA SLV Y	0.	0.	0.
38	38	26	~TorsionSISMA SLD X	0.	0.	0.
38	38	25	~TorsionSISMA SLD X	0.	0.	0.
38	38	146	~TorsionSISMA SLD X	0.	0.	0.
38	38	147	~TorsionSISMA SLD X	0.	0.	0.
38	38	26	~TorsionSISMA SLD Y	0.	0.	0.
38	38	25	~TorsionSISMA SLD Y	0.	0.	0.
38	38	146	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
38	38	147	~TorsionSISMA SLD Y	0.	0.	0.
38	38	26	~TorsionSISMA SLO X	0.	0.	0.
38	38	25	~TorsionSISMA SLO X	0.	0.	0.
38	38	146	~TorsionSISMA SLO X	0.	0.	0.
38	38	147	~TorsionSISMA SLO X	0.	0.	0.
38	38	26	~TorsionSISMA SLO Y	0.	0.	0.
38	38	25	~TorsionSISMA SLO Y	0.	0.	0.
38	38	146	~TorsionSISMA SLO Y	0.	0.	0.
38	38	147	~TorsionSISMA SLO Y	0.	0.	0.
39	39	147	G1_K	-3.53	-81.44	2.4
39	39	146	G1_K	6.41	-55.48	4.88
39	39	27	G1_K	18.55	-50.7	0.82
39	39	28	G1_K	8.52	-76.69	-1.66
39	39	147	G2_K	-46.31	116.21	-113.05
39	39	146	G2_K	-115.91	-95.48	-93.82
39	39	27	G2_K	-142.21	-123.17	-7.55
39	39	28	G2_K	-72.06	88.02	-26.78
39	39	147	Q_K	-2.01	-18.07	1.67
39	39	146	Q_K	3.96	-6.55	3.
39	39	27	Q_K	12.53	-4.34	-0.48
39	39	28	Q_K	6.5	-15.88	-1.8
39	39	147	N_K	-0.24	-2.17	0.2
39	39	146	N_K	0.48	-0.79	0.36
39	39	27	N_K	1.5	-0.52	-5.765E-02
39	39	28	N_K	0.78	-1.91	-0.22
39	39	147	T+_K	0.	0.	0.
39	39	146	T+_K	0.	0.	0.
39	39	27	T+_K	0.	0.	0.
39	39	28	T+_K	0.	0.	0.
39	39	147	T-_K	0.	0.	0.
39	39	146	T-_K	0.	0.	0.
39	39	27	T-_K	0.	0.	0.
39	39	28	T-_K	0.	0.	0.
39	39	147	G1_D	-4.59	-105.87	3.12
39	39	146	G1_D	8.34	-72.12	6.35
39	39	27	G1_D	24.11	-65.91	1.07
39	39	28	G1_D	11.08	-99.7	-2.16
39	39	147	G2_D	-60.2	151.07	-146.97
39	39	146	G2_D	-150.68	-124.12	-121.97
39	39	27	G2_D	-184.87	-160.12	-9.81
39	39	28	G2_D	-93.67	114.42	-34.81
39	39	147	Q_D	-3.02	-27.11	2.51
39	39	146	Q_D	5.94	-9.82	4.49
39	39	27	Q_D	18.79	-6.52	-0.72
39	39	28	Q_D	9.75	-23.82	-2.7
39	39	147	N_D	-0.36	-3.25	0.3
39	39	146	N_D	0.71	-1.18	0.54

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
39	39	27	N_D	2.26	-0.78	-8.647E-02
39	39	28	N_D	1.17	-2.86	-0.32
39	39	147	T+_D	0.	0.	0.
39	39	146	T+_D	0.	0.	0.
39	39	27	T+_D	0.	0.	0.
39	39	28	T+_D	0.	0.	0.
39	39	147	T-_D	0.	0.	0.
39	39	146	T-_D	0.	0.	0.
39	39	27	T-_D	0.	0.	0.
39	39	28	T-_D	0.	0.	0.
39	39	147	W+_K	0.	0.	0.
39	39	146	W+_K	0.	0.	0.
39	39	27	W+_K	0.	0.	0.
39	39	28	W+_K	0.	0.	0.
39	39	147	W-_K	0.	0.	0.
39	39	146	W-_K	0.	0.	0.
39	39	27	W-_K	0.	0.	0.
39	39	28	W-_K	0.	0.	0.
39	39	147	W+_D	0.	0.	0.
39	39	146	W+_D	0.	0.	0.
39	39	27	W+_D	0.	0.	0.
39	39	28	W+_D	0.	0.	0.
39	39	147	W-_D	0.	0.	0.
39	39	146	W-_D	0.	0.	0.
39	39	27	W-_D	0.	0.	0.
39	39	28	W-_D	0.	0.	0.
39	39	147	SISMA SLV X	2.54	23.28	26.6
39	39	146	SISMA SLV X	4.19	8.58	17.35
39	39	27	SISMA SLV X	10.37	22.89	11.61
39	39	28	SISMA SLV X	6.1	16.37	20.82
39	39	147	SISMA SLV Y	2.98	20.49	15.92
39	39	146	SISMA SLV Y	8.	17.68	10.45
39	39	27	SISMA SLV Y	8.34	34.7	8.51
39	39	28	SISMA SLV Y	3.06	34.76	13.83
39	39	147	SISMA SLD X	1.24	11.37	12.99
39	39	146	SISMA SLD X	2.05	4.19	8.47
39	39	27	SISMA SLD X	5.07	11.18	5.67
39	39	28	SISMA SLD X	2.98	7.99	10.17
39	39	147	SISMA SLD Y	1.45	10.01	7.78
39	39	146	SISMA SLD Y	3.91	8.63	5.1
39	39	27	SISMA SLD Y	4.07	16.95	4.16
39	39	28	SISMA SLD Y	1.49	16.98	6.76
39	39	147	SISMA SLO X	1.03	9.42	10.76
39	39	146	SISMA SLO X	1.69	3.47	7.02
39	39	27	SISMA SLO X	4.2	9.26	4.7
39	39	28	SISMA SLO X	2.47	6.62	8.43
39	39	147	SISMA SLO Y	1.2	8.29	6.44
39	39	146	SISMA SLO Y	3.23	7.15	4.23
39	39	27	SISMA SLO Y	3.37	14.04	3.44
39	39	28	SISMA SLO Y	1.23	14.06	5.6
39	39	147	SLT	0.	0.	0.
39	39	146	SLT	0.	0.	0.
39	39	27	SLT	0.	0.	0.
39	39	28	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
39	39	147	~TorsionSISMA SLV X	0.	0.	0.
39	39	146	~TorsionSISMA SLV X	0.	0.	0.
39	39	27	~TorsionSISMA SLV X	0.	0.	0.
39	39	28	~TorsionSISMA SLV X	0.	0.	0.
39	39	147	~TorsionSISMA SLV Y	0.	0.	0.
39	39	146	~TorsionSISMA SLV Y	0.	0.	0.
39	39	27	~TorsionSISMA SLV Y	0.	0.	0.
39	39	28	~TorsionSISMA SLV Y	0.	0.	0.
39	39	147	~TorsionSISMA SLD X	0.	0.	0.
39	39	146	~TorsionSISMA SLD X	0.	0.	0.
39	39	27	~TorsionSISMA SLD X	0.	0.	0.
39	39	28	~TorsionSISMA SLD X	0.	0.	0.
39	39	147	~TorsionSISMA SLD Y	0.	0.	0.
39	39	146	~TorsionSISMA SLD Y	0.	0.	0.
39	39	27	~TorsionSISMA SLD Y	0.	0.	0.
39	39	28	~TorsionSISMA SLD Y	0.	0.	0.
39	39	147	~TorsionSISMA SLO X	0.	0.	0.
39	39	146	~TorsionSISMA SLO X	0.	0.	0.
39	39	27	~TorsionSISMA SLO X	0.	0.	0.
39	39	28	~TorsionSISMA SLO X	0.	0.	0.
39	39	147	~TorsionSISMA SLO Y	0.	0.	0.
39	39	146	~TorsionSISMA SLO Y	0.	0.	0.
39	39	27	~TorsionSISMA SLO Y	0.	0.	0.
39	39	28	~TorsionSISMA SLO Y	0.	0.	0.
40	40	28	G1_K	0.44	-75.71	-7.88
40	40	27	G1_K	31.61	-26.76	8.32
40	40	148	G1_K	55.61	-34.62	-20.23
40	40	149	G1_K	24.39	-83.76	-36.43
40	40	28	G2_K	-61.6	113.5	15.21
40	40	27	G2_K	-143.64	-103.53	-19.53
40	40	148	G2_K	-145.17	-97.86	97.85
40	40	149	G2_K	-63.75	119.94	132.59
40	40	28	Q_K	0.45	-20.29	-6.68
40	40	27	Q_K	19.45	4.42	4.85
40	40	148	Q_K	36.57	-1.92	-13.65

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
40	40	149	Q_K	17.53	-26.75	-25.18
40	40	28	N_K	5.395E-02	-2.44	-0.8
40	40	27	N_K	2.33	0.53	0.58
40	40	148	N_K	4.39	-0.23	-1.64
40	40	149	N_K	2.1	-3.21	-3.02
40	40	28	T+_K	0.	0.	0.
40	40	27	T+_K	0.	0.	0.
40	40	148	T+_K	0.	0.	0.
40	40	149	T+_K	0.	0.	0.
40	40	28	T-_K	0.	0.	0.
40	40	27	T-_K	0.	0.	0.
40	40	148	T-_K	0.	0.	0.
40	40	149	T-_K	0.	0.	0.
40	40	28	G1_D	0.58	-98.42	-10.25
40	40	27	G1_D	41.1	-34.79	10.82
40	40	148	G1_D	72.29	-45.	-26.3
40	40	149	G1_D	31.71	-108.88	-47.36
40	40	28	G2_D	-80.08	147.55	19.77
40	40	27	G2_D	-186.73	-134.59	-25.39
40	40	148	G2_D	-188.72	-127.22	127.21
40	40	149	G2_D	-82.87	155.93	172.36
40	40	28	Q_D	0.67	-30.44	-10.02
40	40	27	Q_D	29.17	6.63	7.27
40	40	148	Q_D	54.86	-2.88	-20.48
40	40	149	Q_D	26.3	-40.12	-37.77
40	40	28	N_D	8.092E-02	-3.65	-1.2
40	40	27	N_D	3.5	0.8	0.87
40	40	148	N_D	6.58	-0.35	-2.46
40	40	149	N_D	3.16	-4.81	-4.53
40	40	28	T+_D	0.	0.	0.
40	40	27	T+_D	0.	0.	0.
40	40	148	T+_D	0.	0.	0.
40	40	149	T+_D	0.	0.	0.
40	40	28	T-_D	0.	0.	0.
40	40	27	T-_D	0.	0.	0.
40	40	148	T-_D	0.	0.	0.
40	40	149	T-_D	0.	0.	0.
40	40	28	W+_K	0.	0.	0.
40	40	27	W+_K	0.	0.	0.
40	40	148	W+_K	0.	0.	0.
40	40	149	W+_K	0.	0.	0.
40	40	28	W-_K	0.	0.	0.
40	40	27	W-_K	0.	0.	0.
40	40	148	W-_K	0.	0.	0.
40	40	149	W-_K	0.	0.	0.
40	40	28	W+_D	0.	0.	0.
40	40	27	W+_D	0.	0.	0.
40	40	148	W+_D	0.	0.	0.
40	40	149	W+_D	0.	0.	0.
40	40	28	W-_D	0.	0.	0.
40	40	27	W-_D	0.	0.	0.
40	40	148	W-_D	0.	0.	0.
40	40	149	W-_D	0.	0.	0.
40	40	28	SISMA SLV X	6.59	67.47	14.33

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
40	40	27	SISMA SLV X	10.62	11.	12.64
40	40	148	SISMA SLV X	15.47	26.29	11.16
40	40	149	SISMA SLV X	6.56	54.58	14.71
40	40	28	SISMA SLV Y	4.87	30.33	14.14
40	40	27	SISMA SLV Y	14.61	11.24	7.35
40	40	148	SISMA SLV Y	18.57	29.93	13.64
40	40	149	SISMA SLV Y	8.94	31.95	21.69
40	40	28	SISMA SLD X	3.22	32.95	7.
40	40	27	SISMA SLD X	5.19	5.37	6.17
40	40	148	SISMA SLD X	7.55	12.84	5.45
40	40	149	SISMA SLD X	3.21	26.66	7.19
40	40	28	SISMA SLD Y	2.38	14.82	6.91
40	40	27	SISMA SLD Y	7.14	5.49	3.59
40	40	148	SISMA SLD Y	9.07	14.62	6.66
40	40	149	SISMA SLD Y	4.36	15.61	10.59
40	40	28	SISMA SLO X	2.66	27.3	5.8
40	40	27	SISMA SLO X	4.3	4.45	5.11
40	40	148	SISMA SLO X	6.26	10.64	4.52
40	40	149	SISMA SLO X	2.66	22.08	5.95
40	40	28	SISMA SLO Y	1.97	12.27	5.72
40	40	27	SISMA SLO Y	5.91	4.55	2.97
40	40	148	SISMA SLO Y	7.51	12.11	5.52
40	40	149	SISMA SLO Y	3.61	12.92	8.77
40	40	28	SLT	0.	0.	0.
40	40	27	SLT	0.	0.	0.
40	40	148	SLT	0.	0.	0.
40	40	149	SLT	0.	0.	0.
40	40	28	~TorsionSISMA SLV X	0.	0.	0.
40	40	27	~TorsionSISMA SLV X	0.	0.	0.
40	40	148	~TorsionSISMA SLV X	0.	0.	0.
40	40	149	~TorsionSISMA SLV X	0.	0.	0.
40	40	28	~TorsionSISMA SLV Y	0.	0.	0.
40	40	27	~TorsionSISMA SLV Y	0.	0.	0.
40	40	148	~TorsionSISMA SLV Y	0.	0.	0.
40	40	149	~TorsionSISMA SLV Y	0.	0.	0.
40	40	28	~TorsionSISMA SLD X	0.	0.	0.
40	40	27	~TorsionSISMA SLD X	0.	0.	0.
40	40	148	~TorsionSISMA SLD X	0.	0.	0.
40	40	149	~TorsionSISMA SLD X	0.	0.	0.
40	40	28	~TorsionSISMA SLD Y	0.	0.	0.
40	40	27	~TorsionSISMA SLD Y	0.	0.	0.
40	40	148	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
40	40	149	~TorsionSISMA SLD Y	0.	0.	0.
40	40	28	~TorsionSISMA SLO X	0.	0.	0.
40	40	27	~TorsionSISMA SLO X	0.	0.	0.
40	40	148	~TorsionSISMA SLO X	0.	0.	0.
40	40	149	~TorsionSISMA SLO X	0.	0.	0.
40	40	28	~TorsionSISMA SLO Y	0.	0.	0.
40	40	27	~TorsionSISMA SLO Y	0.	0.	0.
40	40	148	~TorsionSISMA SLO Y	0.	0.	0.
40	40	149	~TorsionSISMA SLO Y	0.	0.	0.
41	41	100	G1_K	-16.32	-83.71	-7.85
41	41	161	G1_K	-11.35	-54.64	-3.87
41	41	29	G1_K	-3.22	-73.83	-6.9
41	41	30	G1_K	-8.12	-103.99	-10.87
41	41	100	G2_K	9.27	69.26	64.07
41	41	161	G2_K	25.97	106.96	-5.11
41	41	29	G2_K	-53.83	40.42	75.39
41	41	30	G2_K	-71.43	11.4	144.57
41	41	100	Q_K	-1.24	-12.69	-2.09
41	41	161	Q_K	-0.7	2.97	-0.75
41	41	29	Q_K	1.42	-2.84	-4.585E-02
41	41	30	Q_K	0.98	-18.98	-1.39
41	41	100	N_K	-0.15	-1.52	-0.25
41	41	161	N_K	-8.392E-02	0.36	-9.038E-02
41	41	29	N_K	0.17	-0.34	-5.503E-03
41	41	30	N_K	0.12	-2.28	-0.17
41	41	100	T+_K	0.	0.	0.
41	41	161	T+_K	0.	0.	0.
41	41	29	T+_K	0.	0.	0.
41	41	30	T+_K	0.	0.	0.
41	41	100	T-_K	0.	0.	0.
41	41	161	T-_K	0.	0.	0.
41	41	29	T-_K	0.	0.	0.
41	41	30	T-_K	0.	0.	0.
41	41	100	G1_D	-21.22	-108.83	-10.2
41	41	161	G1_D	-14.75	-71.03	-5.03
41	41	29	G1_D	-4.19	-95.98	-8.97
41	41	30	G1_D	-10.56	-135.19	-14.14
41	41	100	G2_D	12.06	90.04	83.28
41	41	161	G2_D	33.76	139.04	-6.65
41	41	29	G2_D	-69.98	52.54	98.01
41	41	30	G2_D	-92.86	14.82	187.94
41	41	100	Q_D	-1.87	-19.04	-3.14
41	41	161	Q_D	-1.05	4.46	-1.13
41	41	29	Q_D	2.13	-4.26	-6.878E-02
41	41	30	Q_D	1.47	-28.47	-2.08
41	41	100	N_D	-0.22	-2.28	-0.38
41	41	161	N_D	-0.13	0.53	-0.14

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
41	41	29	N_D	0.26	-0.51	-8.254E-03
41	41	30	N_D	0.18	-3.42	-0.25
41	41	100	T+_D	0.	0.	0.
41	41	161	T+_D	0.	0.	0.
41	41	29	T+_D	0.	0.	0.
41	41	30	T+_D	0.	0.	0.
41	41	100	T-_D	0.	0.	0.
41	41	161	T-_D	0.	0.	0.
41	41	29	T-_D	0.	0.	0.
41	41	30	T-_D	0.	0.	0.
41	41	100	W+_K	0.	0.	0.
41	41	161	W+_K	0.	0.	0.
41	41	29	W+_K	0.	0.	0.
41	41	30	W+_K	0.	0.	0.
41	41	100	W-_K	0.	0.	0.
41	41	161	W-_K	0.	0.	0.
41	41	29	W-_K	0.	0.	0.
41	41	30	W-_K	0.	0.	0.
41	41	100	W+_D	0.	0.	0.
41	41	161	W+_D	0.	0.	0.
41	41	29	W+_D	0.	0.	0.
41	41	30	W+_D	0.	0.	0.
41	41	100	W-_D	0.	0.	0.
41	41	161	W-_D	0.	0.	0.
41	41	29	W-_D	0.	0.	0.
41	41	30	W-_D	0.	0.	0.
41	41	100	SISMA SLV X	10.52	48.65	10.27
41	41	161	SISMA SLV X	4.88	29.42	12.53
41	41	29	SISMA SLV X	2.69	16.04	32.
41	41	30	SISMA SLV X	7.17	53.47	29.56
41	41	100	SISMA SLV Y	5.52	23.9	5.27
41	41	161	SISMA SLV Y	9.93	56.81	7.76
41	41	29	SISMA SLV Y	4.38	14.56	26.4
41	41	30	SISMA SLV Y	4.99	48.05	23.57
41	41	100	SISMA SLD X	5.14	23.76	5.01
41	41	161	SISMA SLD X	2.39	14.37	6.12
41	41	29	SISMA SLD X	1.31	7.83	15.63
41	41	30	SISMA SLD X	3.5	26.12	14.44
41	41	100	SISMA SLD Y	2.7	11.67	2.57
41	41	161	SISMA SLD Y	4.85	27.75	3.79
41	41	29	SISMA SLD Y	2.14	7.11	12.89
41	41	30	SISMA SLD Y	2.44	23.47	11.51
41	41	100	SISMA SLO X	4.25	19.69	4.15
41	41	161	SISMA SLO X	1.97	11.9	5.07
41	41	29	SISMA SLO X	1.09	6.49	12.94
41	41	30	SISMA SLO X	2.9	21.64	11.96
41	41	100	SISMA SLO Y	2.23	9.66	2.13
41	41	161	SISMA SLO Y	4.01	22.97	3.14
41	41	29	SISMA SLO Y	1.77	5.88	10.68
41	41	30	SISMA SLO Y	2.02	19.44	9.53
41	41	100	SLT	0.	0.	0.
41	41	161	SLT	0.	0.	0.
41	41	29	SLT	0.	0.	0.
41	41	30	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
41	41	100	~TorsionSISMA SLV X	0.	0.	0.
41	41	161	~TorsionSISMA SLV X	0.	0.	0.
41	41	29	~TorsionSISMA SLV X	0.	0.	0.
41	41	30	~TorsionSISMA SLV X	0.	0.	0.
41	41	100	~TorsionSISMA SLV Y	0.	0.	0.
41	41	161	~TorsionSISMA SLV Y	0.	0.	0.
41	41	29	~TorsionSISMA SLV Y	0.	0.	0.
41	41	30	~TorsionSISMA SLV Y	0.	0.	0.
41	41	100	~TorsionSISMA SLD X	0.	0.	0.
41	41	161	~TorsionSISMA SLD X	0.	0.	0.
41	41	29	~TorsionSISMA SLD X	0.	0.	0.
41	41	30	~TorsionSISMA SLD X	0.	0.	0.
41	41	100	~TorsionSISMA SLD Y	0.	0.	0.
41	41	161	~TorsionSISMA SLD Y	0.	0.	0.
41	41	29	~TorsionSISMA SLD Y	0.	0.	0.
41	41	30	~TorsionSISMA SLD Y	0.	0.	0.
41	41	100	~TorsionSISMA SLO X	0.	0.	0.
41	41	161	~TorsionSISMA SLO X	0.	0.	0.
41	41	29	~TorsionSISMA SLO X	0.	0.	0.
41	41	30	~TorsionSISMA SLO X	0.	0.	0.
41	41	100	~TorsionSISMA SLO Y	0.	0.	0.
41	41	161	~TorsionSISMA SLO Y	0.	0.	0.
41	41	29	~TorsionSISMA SLO Y	0.	0.	0.
41	41	30	~TorsionSISMA SLO Y	0.	0.	0.
42	42	30	G1_K	1.22	-78.15	-6.1
42	42	29	G1_K	-7.59	-74.78	1.435E-02
42	42	162	G1_K	5.41	-74.05	7.07
42	42	163	G1_K	14.5	-77.5	0.95
42	42	30	G2_K	-78.54	59.01	130.62
42	42	29	G2_K	-40.94	21.71	45.43
42	42	162	G2_K	-145.23	-49.69	23.12
42	42	163	G2_K	-183.76	-6.26	108.31
42	42	30	Q_K	5.64	-12.26	-1.98
42	42	29	Q_K	-3.4	-10.33	3.63
42	42	162	Q_K	4.41	-10.47	5.68

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
42	42	163	Q_K	13.61	-12.45	6.672E-02
42	42	30	N_K	0.68	-1.47	-0.24
42	42	29	N_K	-0.41	-1.24	0.44
42	42	162	N_K	0.53	-1.26	0.68
42	42	163	N_K	1.63	-1.49	8.007E-03
42	42	30	T+_K	0.	0.	0.
42	42	29	T+_K	0.	0.	0.
42	42	162	T+_K	0.	0.	0.
42	42	163	T+_K	0.	0.	0.
42	42	30	T-_K	0.	0.	0.
42	42	29	T-_K	0.	0.	0.
42	42	162	T-_K	0.	0.	0.
42	42	163	T-_K	0.	0.	0.
42	42	30	G1_D	1.59	-101.59	-7.93
42	42	29	G1_D	-9.86	-97.22	1.866E-02
42	42	162	G1_D	7.03	-96.27	9.19
42	42	163	G1_D	18.85	-100.75	1.24
42	42	30	G2_D	-102.11	76.71	169.81
42	42	29	G2_D	-53.22	28.23	59.06
42	42	162	G2_D	-188.8	-64.6	30.05
42	42	163	G2_D	-238.89	-8.14	140.8
42	42	30	Q_D	8.46	-18.39	-2.97
42	42	29	Q_D	-5.09	-15.49	5.44
42	42	162	Q_D	6.61	-15.7	8.52
42	42	163	Q_D	20.41	-18.68	0.1
42	42	30	N_D	1.02	-2.21	-0.36
42	42	29	N_D	-0.61	-1.86	0.65
42	42	162	N_D	0.79	-1.88	1.02
42	42	163	N_D	2.45	-2.24	1.201E-02
42	42	30	T+_D	0.	0.	0.
42	42	29	T+_D	0.	0.	0.
42	42	162	T+_D	0.	0.	0.
42	42	163	T+_D	0.	0.	0.
42	42	30	T-_D	0.	0.	0.
42	42	29	T-_D	0.	0.	0.
42	42	162	T-_D	0.	0.	0.
42	42	163	T-_D	0.	0.	0.
42	42	30	W+_K	0.	0.	0.
42	42	29	W+_K	0.	0.	0.
42	42	162	W+_K	0.	0.	0.
42	42	163	W+_K	0.	0.	0.
42	42	30	W-_K	0.	0.	0.
42	42	29	W-_K	0.	0.	0.
42	42	162	W-_K	0.	0.	0.
42	42	163	W-_K	0.	0.	0.
42	42	30	W+_D	0.	0.	0.
42	42	29	W+_D	0.	0.	0.
42	42	162	W+_D	0.	0.	0.
42	42	163	W+_D	0.	0.	0.
42	42	30	W-_D	0.	0.	0.
42	42	29	W-_D	0.	0.	0.
42	42	162	W-_D	0.	0.	0.
42	42	163	W-_D	0.	0.	0.
42	42	30	SISMA SLV X	7.	44.97	23.69

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
42	42	29	SISMA SLV X	3.	16.43	26.55
42	42	162	SISMA SLV X	10.07	11.33	23.43
42	42	163	SISMA SLV X	6.2	41.4	20.62
42	42	30	SISMA SLV Y	7.6	25.55	21.9
42	42	29	SISMA SLV Y	2.86	11.32	24.1
42	42	162	SISMA SLV Y	7.78	16.75	26.3
42	42	163	SISMA SLV Y	3.8	42.68	24.13
42	42	30	SISMA SLD X	3.42	21.97	11.57
42	42	29	SISMA SLD X	1.46	8.03	12.97
42	42	162	SISMA SLD X	4.92	5.53	11.44
42	42	163	SISMA SLD X	3.03	20.22	10.07
42	42	30	SISMA SLD Y	3.71	12.48	10.7
42	42	29	SISMA SLD Y	1.4	5.53	11.77
42	42	162	SISMA SLD Y	3.8	8.18	12.84
42	42	163	SISMA SLD Y	1.85	20.85	11.79
42	42	30	SISMA SLO X	2.83	18.2	9.58
42	42	29	SISMA SLO X	1.21	6.65	10.74
42	42	162	SISMA SLO X	4.07	4.58	9.48
42	42	163	SISMA SLO X	2.51	16.75	8.34
42	42	30	SISMA SLO Y	3.07	10.34	8.86
42	42	29	SISMA SLO Y	1.15	4.57	9.75
42	42	162	SISMA SLO Y	3.14	6.77	10.64
42	42	163	SISMA SLO Y	1.53	17.27	9.76
42	42	30	SLT	0.	0.	0.
42	42	29	SLT	0.	0.	0.
42	42	162	SLT	0.	0.	0.
42	42	163	SLT	0.	0.	0.
42	42	30	~TorsionSISMA SLV X	0.	0.	0.
42	42	29	~TorsionSISMA SLV X	0.	0.	0.
42	42	162	~TorsionSISMA SLV X	0.	0.	0.
42	42	163	~TorsionSISMA SLV X	0.	0.	0.
42	42	30	~TorsionSISMA SLV Y	0.	0.	0.
42	42	29	~TorsionSISMA SLV Y	0.	0.	0.
42	42	162	~TorsionSISMA SLV Y	0.	0.	0.
42	42	163	~TorsionSISMA SLV Y	0.	0.	0.
42	42	30	~TorsionSISMA SLD X	0.	0.	0.
42	42	29	~TorsionSISMA SLD X	0.	0.	0.
42	42	162	~TorsionSISMA SLD X	0.	0.	0.
42	42	163	~TorsionSISMA SLD X	0.	0.	0.
42	42	30	~TorsionSISMA SLD Y	0.	0.	0.
42	42	29	~TorsionSISMA SLD Y	0.	0.	0.
42	42	162	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
42	42	163	~TorsionSISMA SLD Y	0.	0.	0.
42	42	30	~TorsionSISMA SLO X	0.	0.	0.
42	42	29	~TorsionSISMA SLO X	0.	0.	0.
42	42	162	~TorsionSISMA SLO X	0.	0.	0.
42	42	163	~TorsionSISMA SLO X	0.	0.	0.
42	42	30	~TorsionSISMA SLO Y	0.	0.	0.
42	42	29	~TorsionSISMA SLO Y	0.	0.	0.
42	42	162	~TorsionSISMA SLO Y	0.	0.	0.
42	42	163	~TorsionSISMA SLO Y	0.	0.	0.
43	43	163	G1_K	27.79	-50.7	-0.44
43	43	162	G1_K	-2.07	-71.78	8.11
43	43	31	G1_K	6.19	-74.13	9.51
43	43	32	G1_K	36.38	-54.12	0.96
43	43	163	G2_K	-196.89	-5.31	77.87
43	43	162	G2_K	-127.89	-29.61	54.03
43	43	31	G2_K	-166.04	-63.13	13.88
43	43	32	G2_K	-235.52	-35.83	37.72
43	43	163	Q_K	19.51	-5.97	-0.26
43	43	162	Q_K	-1.36	-16.25	5.31
43	43	31	Q_K	4.86	-18.13	5.95
43	43	32	Q_K	25.92	-8.49	0.38
43	43	163	N_K	2.34	-0.72	-3.110E-02
43	43	162	N_K	-0.16	-1.95	0.64
43	43	31	N_K	0.58	-2.18	0.71
43	43	32	N_K	3.11	-1.02	4.593E-02
43	43	163	T+_K	0.	0.	0.
43	43	162	T+_K	0.	0.	0.
43	43	31	T+_K	0.	0.	0.
43	43	32	T+_K	0.	0.	0.
43	43	163	T-_K	0.	0.	0.
43	43	162	T-_K	0.	0.	0.
43	43	31	T-_K	0.	0.	0.
43	43	32	T-_K	0.	0.	0.
43	43	163	G1_D	36.12	-65.91	-0.57
43	43	162	G1_D	-2.69	-93.31	10.54
43	43	31	G1_D	8.04	-96.37	12.36
43	43	32	G1_D	47.3	-70.36	1.25
43	43	163	G2_D	-255.96	-6.91	101.23
43	43	162	G2_D	-166.26	-38.49	70.24
43	43	31	G2_D	-215.85	-82.07	18.04
43	43	32	G2_D	-306.18	-46.58	49.04
43	43	163	Q_D	29.26	-8.95	-0.39
43	43	162	Q_D	-2.04	-24.38	7.97
43	43	31	Q_D	7.29	-27.2	8.93
43	43	32	Q_D	38.89	-12.74	0.57
43	43	163	N_D	3.51	-1.07	-4.665E-02
43	43	162	N_D	-0.24	-2.93	0.96

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
43	43	31	N_D	0.87	-3.26	1.07
43	43	32	N_D	4.67	-1.53	6.890E-02
43	43	163	T+_D	0.	0.	0.
43	43	162	T+_D	0.	0.	0.
43	43	31	T+_D	0.	0.	0.
43	43	32	T+_D	0.	0.	0.
43	43	163	T-_D	0.	0.	0.
43	43	162	T-_D	0.	0.	0.
43	43	31	T-_D	0.	0.	0.
43	43	32	T-_D	0.	0.	0.
43	43	163	W+_K	0.	0.	0.
43	43	162	W+_K	0.	0.	0.
43	43	31	W+_K	0.	0.	0.
43	43	32	W+_K	0.	0.	0.
43	43	163	W-_K	0.	0.	0.
43	43	162	W-_K	0.	0.	0.
43	43	31	W-_K	0.	0.	0.
43	43	32	W-_K	0.	0.	0.
43	43	163	W+_D	0.	0.	0.
43	43	162	W+_D	0.	0.	0.
43	43	31	W+_D	0.	0.	0.
43	43	32	W+_D	0.	0.	0.
43	43	163	W-_D	0.	0.	0.
43	43	162	W-_D	0.	0.	0.
43	43	31	W-_D	0.	0.	0.
43	43	32	W-_D	0.	0.	0.
43	43	163	SISMA SLV X	11.99	28.82	20.13
43	43	162	SISMA SLV X	9.87	15.1	24.1
43	43	31	SISMA SLV X	15.	17.55	21.4
43	43	32	SISMA SLV X	16.27	25.39	17.43
43	43	163	SISMA SLV Y	15.71	15.81	24.
43	43	162	SISMA SLV Y	13.58	19.23	27.82
43	43	31	SISMA SLV Y	16.73	35.54	22.88
43	43	32	SISMA SLV Y	14.3	28.93	18.98
43	43	163	SISMA SLD X	5.86	14.08	9.83
43	43	162	SISMA SLD X	4.82	7.38	11.77
43	43	31	SISMA SLD X	7.33	8.57	10.45
43	43	32	SISMA SLD X	7.95	12.4	8.51
43	43	163	SISMA SLD Y	7.67	7.72	11.72
43	43	162	SISMA SLD Y	6.63	9.39	13.59
43	43	31	SISMA SLD Y	8.17	17.36	11.17
43	43	32	SISMA SLD Y	6.99	14.13	9.27
43	43	163	SISMA SLO X	4.85	11.66	8.14
43	43	162	SISMA SLO X	3.99	6.11	9.75
43	43	31	SISMA SLO X	6.07	7.1	8.66
43	43	32	SISMA SLO X	6.59	10.28	7.05
43	43	163	SISMA SLO Y	6.35	6.4	9.71
43	43	162	SISMA SLO Y	5.49	7.78	11.25
43	43	31	SISMA SLO Y	6.76	14.37	9.25
43	43	32	SISMA SLO Y	5.79	11.7	7.68
43	43	163	SLT	0.	0.	0.
43	43	162	SLT	0.	0.	0.
43	43	31	SLT	0.	0.	0.
43	43	32	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
43	43	163	~TorsionSISMA SLV X	0.	0.	0.
43	43	162	~TorsionSISMA SLV X	0.	0.	0.
43	43	31	~TorsionSISMA SLV X	0.	0.	0.
43	43	32	~TorsionSISMA SLV X	0.	0.	0.
43	43	163	~TorsionSISMA SLV Y	0.	0.	0.
43	43	162	~TorsionSISMA SLV Y	0.	0.	0.
43	43	31	~TorsionSISMA SLV Y	0.	0.	0.
43	43	32	~TorsionSISMA SLV Y	0.	0.	0.
43	43	163	~TorsionSISMA SLD X	0.	0.	0.
43	43	162	~TorsionSISMA SLD X	0.	0.	0.
43	43	31	~TorsionSISMA SLD X	0.	0.	0.
43	43	32	~TorsionSISMA SLD X	0.	0.	0.
43	43	163	~TorsionSISMA SLD Y	0.	0.	0.
43	43	162	~TorsionSISMA SLD Y	0.	0.	0.
43	43	31	~TorsionSISMA SLD Y	0.	0.	0.
43	43	32	~TorsionSISMA SLD Y	0.	0.	0.
43	43	163	~TorsionSISMA SLO X	0.	0.	0.
43	43	162	~TorsionSISMA SLO X	0.	0.	0.
43	43	31	~TorsionSISMA SLO X	0.	0.	0.
43	43	32	~TorsionSISMA SLO X	0.	0.	0.
43	43	163	~TorsionSISMA SLO Y	0.	0.	0.
43	43	162	~TorsionSISMA SLO Y	0.	0.	0.
43	43	31	~TorsionSISMA SLO Y	0.	0.	0.
43	43	32	~TorsionSISMA SLO Y	0.	0.	0.
44	44	32	G1_K	50.34	-19.19	-2.81
44	44	31	G1_K	-1.25	-76.45	10.5
44	44	164	G1_K	8.28	-90.18	3.6
44	44	165	G1_K	60.05	-32.08	-9.71
44	44	32	G2_K	-241.44	-36.55	20.25
44	44	31	G2_K	-157.13	-47.45	43.09
44	44	164	G2_K	-128.74	-43.99	4.03
44	44	165	G2_K	-213.12	-33.54	-18.81
44	44	32	Q_K	33.07	6.8	-2.04
44	44	31	Q_K	-1.16	-27.75	6.39
44	44	164	Q_K	5.77	-37.14	1.78

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
44	44	165	Q_K	40.1	-2.05	-6.65
44	44	32	N_K	3.97	0.82	-0.25
44	44	31	N_K	-0.14	-3.33	0.77
44	44	164	N_K	0.69	-4.46	0.21
44	44	165	N_K	4.81	-0.25	-0.8
44	44	32	T+_K	0.	0.	0.
44	44	31	T+_K	0.	0.	0.
44	44	164	T+_K	0.	0.	0.
44	44	165	T+_K	0.	0.	0.
44	44	32	T-_K	0.	0.	0.
44	44	31	T-_K	0.	0.	0.
44	44	164	T-_K	0.	0.	0.
44	44	165	T-_K	0.	0.	0.
44	44	32	G1_D	65.44	-24.94	-3.65
44	44	31	G1_D	-1.62	-99.39	13.65
44	44	164	G1_D	10.76	-117.23	4.68
44	44	165	G1_D	78.06	-41.7	-12.62
44	44	32	G2_D	-313.87	-47.51	26.33
44	44	31	G2_D	-204.26	-61.68	56.02
44	44	164	G2_D	-167.37	-57.19	5.24
44	44	165	G2_D	-277.06	-43.6	-24.45
44	44	32	Q_D	49.61	10.2	-3.06
44	44	31	Q_D	-1.73	-41.63	9.58
44	44	164	Q_D	8.66	-55.71	2.67
44	44	165	Q_D	60.15	-3.07	-9.98
44	44	32	N_D	5.95	1.22	-0.37
44	44	31	N_D	-0.21	-5.	1.15
44	44	164	N_D	1.04	-6.69	0.32
44	44	165	N_D	7.22	-0.37	-1.2
44	44	32	T+_D	0.	0.	0.
44	44	31	T+_D	0.	0.	0.
44	44	164	T+_D	0.	0.	0.
44	44	165	T+_D	0.	0.	0.
44	44	32	T-_D	0.	0.	0.
44	44	31	T-_D	0.	0.	0.
44	44	164	T-_D	0.	0.	0.
44	44	165	T-_D	0.	0.	0.
44	44	32	W+_K	0.	0.	0.
44	44	31	W+_K	0.	0.	0.
44	44	164	W+_K	0.	0.	0.
44	44	165	W+_K	0.	0.	0.
44	44	32	W-_K	0.	0.	0.
44	44	31	W-_K	0.	0.	0.
44	44	164	W-_K	0.	0.	0.
44	44	165	W-_K	0.	0.	0.
44	44	32	W+_D	0.	0.	0.
44	44	31	W+_D	0.	0.	0.
44	44	164	W+_D	0.	0.	0.
44	44	165	W+_D	0.	0.	0.
44	44	32	W-_D	0.	0.	0.
44	44	31	W-_D	0.	0.	0.
44	44	164	W-_D	0.	0.	0.
44	44	165	W-_D	0.	0.	0.
44	44	32	SISMA SLV X	20.07	19.44	15.56

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
44	44	31	SISMA SLV X	13.99	16.18	23.18
44	44	164	SISMA SLV X	15.22	20.02	17.66
44	44	165	SISMA SLV X	21.43	16.19	9.82
44	44	32	SISMA SLV Y	21.14	11.11	19.48
44	44	31	SISMA SLV Y	18.01	29.91	22.21
44	44	164	SISMA SLV Y	18.98	40.5	12.51
44	44	165	SISMA SLV Y	20.64	19.76	9.33
44	44	32	SISMA SLD X	9.8	9.5	7.6
44	44	31	SISMA SLD X	6.83	7.9	11.32
44	44	164	SISMA SLD X	7.43	9.78	8.62
44	44	165	SISMA SLD X	10.47	7.91	4.8
44	44	32	SISMA SLD Y	10.32	5.43	9.52
44	44	31	SISMA SLD Y	8.79	14.61	10.85
44	44	164	SISMA SLD Y	9.27	19.78	6.11
44	44	165	SISMA SLD Y	10.08	9.65	4.56
44	44	32	SISMA SLO X	8.12	7.87	6.29
44	44	31	SISMA SLO X	5.66	6.55	9.38
44	44	164	SISMA SLO X	6.16	8.1	7.14
44	44	165	SISMA SLO X	8.67	6.55	3.97
44	44	32	SISMA SLO Y	8.55	4.5	7.88
44	44	31	SISMA SLO Y	7.28	12.1	8.98
44	44	164	SISMA SLO Y	7.67	16.38	5.06
44	44	165	SISMA SLO Y	8.35	7.99	3.77
44	44	32	SLT	0.	0.	0.
44	44	31	SLT	0.	0.	0.
44	44	164	SLT	0.	0.	0.
44	44	165	SLT	0.	0.	0.
44	44	32	~TorsionSISMA SLV X	0.	0.	0.
44	44	31	~TorsionSISMA SLV X	0.	0.	0.
44	44	164	~TorsionSISMA SLV X	0.	0.	0.
44	44	165	~TorsionSISMA SLV X	0.	0.	0.
44	44	32	~TorsionSISMA SLV Y	0.	0.	0.
44	44	31	~TorsionSISMA SLV Y	0.	0.	0.
44	44	164	~TorsionSISMA SLV Y	0.	0.	0.
44	44	165	~TorsionSISMA SLV Y	0.	0.	0.
44	44	32	~TorsionSISMA SLD X	0.	0.	0.
44	44	31	~TorsionSISMA SLD X	0.	0.	0.
44	44	164	~TorsionSISMA SLD X	0.	0.	0.
44	44	165	~TorsionSISMA SLD X	0.	0.	0.
44	44	32	~TorsionSISMA SLD Y	0.	0.	0.
44	44	31	~TorsionSISMA SLD Y	0.	0.	0.
44	44	164	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
44	44	165	~TorsionSISMA SLD Y	0.	0.	0.
44	44	32	~TorsionSISMA SLO X	0.	0.	0.
44	44	31	~TorsionSISMA SLO X	0.	0.	0.
44	44	164	~TorsionSISMA SLO X	0.	0.	0.
44	44	165	~TorsionSISMA SLO X	0.	0.	0.
44	44	32	~TorsionSISMA SLO Y	0.	0.	0.
44	44	31	~TorsionSISMA SLO Y	0.	0.	0.
44	44	164	~TorsionSISMA SLO Y	0.	0.	0.
44	44	165	~TorsionSISMA SLO Y	0.	0.	0.
45	45	165	G1_K	69.94	2.5	-7.87
45	45	164	G1_K	6.87	-82.33	-6.5
45	45	33	G1_K	-8.34	-125.66	-10.56
45	45	34	G1_K	54.69	-40.24	-11.93
45	45	165	G2_K	-215.06	-46.51	-34.32
45	45	164	G2_K	-126.47	-29.35	29.59
45	45	33	G2_K	-42.02	8.8	11.87
45	45	34	G2_K	-130.34	-11.54	-52.04
45	45	165	Q_K	44.76	13.08	-5.48
45	45	164	Q_K	3.58	-39.93	-4.66
45	45	33	Q_K	-4.94	-68.19	-7.22
45	45	34	Q_K	36.2	-14.79	-8.03
45	45	165	N_K	5.37	1.57	-0.66
45	45	164	N_K	0.43	-4.79	-0.56
45	45	33	N_K	-0.59	-8.18	-0.87
45	45	34	N_K	4.34	-1.78	-0.96
45	45	165	T+_K	0.	0.	0.
45	45	164	T+_K	0.	0.	0.
45	45	33	T+_K	0.	0.	0.
45	45	34	T+_K	0.	0.	0.
45	45	165	T-_K	0.	0.	0.
45	45	164	T-_K	0.	0.	0.
45	45	33	T-_K	0.	0.	0.
45	45	34	T-_K	0.	0.	0.
45	45	165	G1_D	90.92	3.25	-10.23
45	45	164	G1_D	8.93	-107.03	-8.44
45	45	33	G1_D	-10.84	-163.35	-13.72
45	45	34	G1_D	71.1	-52.31	-15.51
45	45	165	G2_D	-279.58	-60.46	-44.61
45	45	164	G2_D	-164.41	-38.15	38.46
45	45	33	G2_D	-54.63	11.45	15.43
45	45	34	G2_D	-169.44	-15.01	-67.65
45	45	165	Q_D	67.14	19.63	-8.21
45	45	164	Q_D	5.38	-59.89	-6.99
45	45	33	Q_D	-7.41	-102.28	-10.83
45	45	34	Q_D	54.3	-22.19	-12.05
45	45	165	N_D	8.06	2.36	-0.99
45	45	164	N_D	0.65	-7.19	-0.84

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
45	45	33	N_D	-0.89	-12.27	-1.3
45	45	34	N_D	6.52	-2.66	-1.45
45	45	165	T+_D	0.	0.	0.
45	45	164	T+_D	0.	0.	0.
45	45	33	T+_D	0.	0.	0.
45	45	34	T+_D	0.	0.	0.
45	45	165	T-_D	0.	0.	0.
45	45	164	T-_D	0.	0.	0.
45	45	33	T-_D	0.	0.	0.
45	45	34	T-_D	0.	0.	0.
45	45	165	W+_K	0.	0.	0.
45	45	164	W+_K	0.	0.	0.
45	45	33	W+_K	0.	0.	0.
45	45	34	W+_K	0.	0.	0.
45	45	165	W-_K	0.	0.	0.
45	45	164	W-_K	0.	0.	0.
45	45	33	W-_K	0.	0.	0.
45	45	34	W-_K	0.	0.	0.
45	45	165	W+_D	0.	0.	0.
45	45	164	W+_D	0.	0.	0.
45	45	33	W+_D	0.	0.	0.
45	45	34	W+_D	0.	0.	0.
45	45	165	W-_D	0.	0.	0.
45	45	164	W-_D	0.	0.	0.
45	45	33	W-_D	0.	0.	0.
45	45	34	W-_D	0.	0.	0.
45	45	165	SISMA SLV X	23.27	10.59	8.54
45	45	164	SISMA SLV X	12.47	14.48	18.88
45	45	33	SISMA SLV X	9.25	18.08	16.51
45	45	34	SISMA SLV X	19.44	8.3	5.81
45	45	165	SISMA SLV Y	21.3	8.	9.86
45	45	164	SISMA SLV Y	13.87	26.54	11.33
45	45	33	SISMA SLV Y	12.57	30.15	7.52
45	45	34	SISMA SLV Y	21.3	11.23	2.85
45	45	165	SISMA SLD X	11.36	5.17	4.17
45	45	164	SISMA SLD X	6.09	7.07	9.22
45	45	33	SISMA SLD X	4.52	8.83	8.07
45	45	34	SISMA SLD X	9.49	4.05	2.84
45	45	165	SISMA SLD Y	10.4	3.9	4.82
45	45	164	SISMA SLD Y	6.77	12.96	5.53
45	45	33	SISMA SLD Y	6.14	14.73	3.67
45	45	34	SISMA SLD Y	10.4	5.49	1.39
45	45	165	SISMA SLO X	9.42	4.28	3.46
45	45	164	SISMA SLO X	5.04	5.86	7.64
45	45	33	SISMA SLO X	3.74	7.31	6.68
45	45	34	SISMA SLO X	7.87	3.36	2.35
45	45	165	SISMA SLO Y	8.62	3.23	3.99
45	45	164	SISMA SLO Y	5.61	10.73	4.58
45	45	33	SISMA SLO Y	5.08	12.2	3.04
45	45	34	SISMA SLO Y	8.62	4.54	1.15
45	45	165	SLT	0.	0.	0.
45	45	164	SLT	0.	0.	0.
45	45	33	SLT	0.	0.	0.
45	45	34	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
45	45	165	~TorsionSISMA SLV X	0.	0.	0.
45	45	164	~TorsionSISMA SLV X	0.	0.	0.
45	45	33	~TorsionSISMA SLV X	0.	0.	0.
45	45	34	~TorsionSISMA SLV X	0.	0.	0.
45	45	165	~TorsionSISMA SLV Y	0.	0.	0.
45	45	164	~TorsionSISMA SLV Y	0.	0.	0.
45	45	33	~TorsionSISMA SLV Y	0.	0.	0.
45	45	34	~TorsionSISMA SLV Y	0.	0.	0.
45	45	165	~TorsionSISMA SLD X	0.	0.	0.
45	45	164	~TorsionSISMA SLD X	0.	0.	0.
45	45	33	~TorsionSISMA SLD X	0.	0.	0.
45	45	34	~TorsionSISMA SLD X	0.	0.	0.
45	45	165	~TorsionSISMA SLD Y	0.	0.	0.
45	45	164	~TorsionSISMA SLD Y	0.	0.	0.
45	45	33	~TorsionSISMA SLD Y	0.	0.	0.
45	45	34	~TorsionSISMA SLD Y	0.	0.	0.
45	45	165	~TorsionSISMA SLO X	0.	0.	0.
45	45	164	~TorsionSISMA SLO X	0.	0.	0.
45	45	33	~TorsionSISMA SLO X	0.	0.	0.
45	45	34	~TorsionSISMA SLO X	0.	0.	0.
45	45	165	~TorsionSISMA SLO Y	0.	0.	0.
45	45	164	~TorsionSISMA SLO Y	0.	0.	0.
45	45	33	~TorsionSISMA SLO Y	0.	0.	0.
45	45	34	~TorsionSISMA SLO Y	0.	0.	0.
46	46	34	G1_K	65.75	38.75	-0.36
46	46	33	G1_K	-5.05	-132.87	-29.34
46	46	119	G1_K	-68.21	-211.23	-67.85
46	46	104	G1_K	2.04	-33.91	-38.86
46	46	34	G2_K	-132.7	-51.7	-54.42
46	46	33	G2_K	-40.62	44.2	9.68
46	46	119	G2_K	62.98	110.8	41.36
46	46	104	G2_K	-28.65	10.31	-22.74
46	46	34	Q_K	41.67	28.66	-0.56
46	46	33	Q_K	-4.27	-80.93	-19.23
46	46	119	Q_K	-43.57	-131.58	-43.72

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
46	46	104	Q_K	2.01	-18.33	-25.05
46	46	34	N_K	5.	3.44	-6.724E-02
46	46	33	N_K	-0.51	-9.71	-2.31
46	46	119	N_K	-5.23	-15.79	-5.25
46	46	104	N_K	0.24	-2.2	-3.01
46	46	34	T+_K	0.	0.	0.
46	46	33	T+_K	0.	0.	0.
46	46	119	T+_K	0.	0.	0.
46	46	104	T+_K	0.	0.	0.
46	46	34	T-_K	0.	0.	0.
46	46	33	T-_K	0.	0.	0.
46	46	119	T-_K	0.	0.	0.
46	46	104	T-_K	0.	0.	0.
46	46	34	G1_D	85.48	50.37	-0.46
46	46	33	G1_D	-6.56	-172.74	-38.15
46	46	119	G1_D	-88.68	-274.61	-88.2
46	46	104	G1_D	2.65	-44.08	-50.52
46	46	34	G2_D	-172.51	-67.21	-70.74
46	46	33	G2_D	-52.8	57.46	12.58
46	46	119	G2_D	81.87	144.04	53.76
46	46	104	G2_D	-37.24	13.4	-29.56
46	46	34	Q_D	62.51	42.99	-0.84
46	46	33	Q_D	-6.4	-121.4	-28.84
46	46	119	Q_D	-65.35	-197.37	-65.57
46	46	104	Q_D	3.02	-27.49	-37.57
46	46	34	N_D	7.5	5.16	-0.1
46	46	33	N_D	-0.77	-14.57	-3.46
46	46	119	N_D	-7.84	-23.68	-7.87
46	46	104	N_D	0.36	-3.3	-4.51
46	46	34	T+_D	0.	0.	0.
46	46	33	T+_D	0.	0.	0.
46	46	119	T+_D	0.	0.	0.
46	46	104	T+_D	0.	0.	0.
46	46	34	T-_D	0.	0.	0.
46	46	33	T-_D	0.	0.	0.
46	46	119	T-_D	0.	0.	0.
46	46	104	T-_D	0.	0.	0.
46	46	34	W+_K	0.	0.	0.
46	46	33	W+_K	0.	0.	0.
46	46	119	W+_K	0.	0.	0.
46	46	104	W+_K	0.	0.	0.
46	46	34	W-_K	0.	0.	0.
46	46	33	W-_K	0.	0.	0.
46	46	119	W-_K	0.	0.	0.
46	46	104	W-_K	0.	0.	0.
46	46	34	W+_D	0.	0.	0.
46	46	33	W+_D	0.	0.	0.
46	46	119	W+_D	0.	0.	0.
46	46	104	W+_D	0.	0.	0.
46	46	34	W-_D	0.	0.	0.
46	46	33	W-_D	0.	0.	0.
46	46	119	W-_D	0.	0.	0.
46	46	104	W-_D	0.	0.	0.
46	46	34	SISMA SLV X	19.01	6.39	5.63

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
46	46	33	SISMA SLV X	5.91	13.12	18.21
46	46	119	SISMA SLV X	7.56	19.8	17.08
46	46	104	SISMA SLV X	11.84	3.79	5.38
46	46	34	SISMA SLV Y	15.7	7.84	3.47
46	46	33	SISMA SLV Y	2.99	10.94	9.84
46	46	119	SISMA SLV Y	3.86	9.04	10.36
46	46	104	SISMA SLV Y	17.59	2.3	4.2
46	46	34	SISMA SLD X	9.29	3.12	2.75
46	46	33	SISMA SLD X	2.89	6.41	8.9
46	46	119	SISMA SLD X	3.69	9.67	8.34
46	46	104	SISMA SLD X	5.78	1.85	2.63
46	46	34	SISMA SLD Y	7.67	3.83	1.69
46	46	33	SISMA SLD Y	1.46	5.34	4.8
46	46	119	SISMA SLD Y	1.89	4.41	5.06
46	46	104	SISMA SLD Y	8.59	1.12	2.05
46	46	34	SISMA SLO X	7.7	2.59	2.28
46	46	33	SISMA SLO X	2.39	5.31	7.37
46	46	119	SISMA SLO X	3.06	8.02	6.91
46	46	104	SISMA SLO X	4.79	1.53	2.18
46	46	34	SISMA SLO Y	6.35	3.17	1.4
46	46	33	SISMA SLO Y	1.21	4.42	3.98
46	46	119	SISMA SLO Y	1.56	3.65	4.19
46	46	104	SISMA SLO Y	7.12	0.93	1.7
46	46	34	SLT	0.	0.	0.
46	46	33	SLT	0.	0.	0.
46	46	119	SLT	0.	0.	0.
46	46	104	SLT	0.	0.	0.
46	46	34	~TorsionSISMA SLV X	0.	0.	0.
46	46	33	~TorsionSISMA SLV X	0.	0.	0.
46	46	119	~TorsionSISMA SLV X	0.	0.	0.
46	46	104	~TorsionSISMA SLV X	0.	0.	0.
46	46	34	~TorsionSISMA SLV Y	0.	0.	0.
46	46	33	~TorsionSISMA SLV Y	0.	0.	0.
46	46	119	~TorsionSISMA SLV Y	0.	0.	0.
46	46	104	~TorsionSISMA SLV Y	0.	0.	0.
46	46	34	~TorsionSISMA SLD X	0.	0.	0.
46	46	33	~TorsionSISMA SLD X	0.	0.	0.
46	46	119	~TorsionSISMA SLD X	0.	0.	0.
46	46	104	~TorsionSISMA SLD X	0.	0.	0.
46	46	34	~TorsionSISMA SLD Y	0.	0.	0.
46	46	33	~TorsionSISMA SLD Y	0.	0.	0.
46	46	119	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
46	46	104	~TorsionSISMA SLD Y	0.	0.	0.
46	46	34	~TorsionSISMA SLO X	0.	0.	0.
46	46	33	~TorsionSISMA SLO X	0.	0.	0.
46	46	119	~TorsionSISMA SLO X	0.	0.	0.
46	46	104	~TorsionSISMA SLO X	0.	0.	0.
46	46	34	~TorsionSISMA SLO Y	0.	0.	0.
46	46	33	~TorsionSISMA SLO Y	0.	0.	0.
46	46	119	~TorsionSISMA SLO Y	0.	0.	0.
46	46	104	~TorsionSISMA SLO Y	0.	0.	0.
47	47	161	G1_K	-9.37	-51.61	-3.4
47	47	166	G1_K	-9.95	-44.96	-2.8
47	47	35	G1_K	-10.39	-71.13	-1.79
47	47	29	G1_K	-9.76	-77.77	-2.4
47	47	161	G2_K	13.84	83.34	26.81
47	47	166	G2_K	8.16	26.69	28.34
47	47	35	G2_K	-0.22	15.15	32.84
47	47	29	G2_K	5.24	73.42	31.31
47	47	161	Q_K	2.32	8.1	-0.43
47	47	166	Q_K	2.26	14.78	-1.95
47	47	35	Q_K	-0.12	-1.16	-0.13
47	47	29	Q_K	-2.623E-02	-7.66	1.39
47	47	161	N_K	0.28	0.97	-5.206E-02
47	47	166	N_K	0.27	1.77	-0.23
47	47	35	N_K	-1.451E-02	-0.14	-1.541E-02
47	47	29	N_K	-3.147E-03	-0.92	0.17
47	47	161	T+_K	0.	0.	0.
47	47	166	T+_K	0.	0.	0.
47	47	35	T+_K	0.	0.	0.
47	47	29	T+_K	0.	0.	0.
47	47	161	T-_K	0.	0.	0.
47	47	166	T-_K	0.	0.	0.
47	47	35	T-_K	0.	0.	0.
47	47	29	T-_K	0.	0.	0.
47	47	161	G1_D	-12.18	-67.09	-4.43
47	47	166	G1_D	-12.93	-58.45	-3.64
47	47	35	G1_D	-13.5	-92.47	-2.33
47	47	29	G1_D	-12.68	-101.1	-3.11
47	47	161	G2_D	18.	108.34	34.86
47	47	166	G2_D	10.61	34.69	36.85
47	47	35	G2_D	-0.28	19.69	42.7
47	47	29	G2_D	6.81	95.45	40.71
47	47	161	Q_D	3.48	12.16	-0.65
47	47	166	Q_D	3.38	22.16	-2.93
47	47	35	Q_D	-0.18	-1.74	-0.19
47	47	29	Q_D	-3.934E-02	-11.48	2.08
47	47	161	N_D	0.42	1.46	-7.809E-02
47	47	166	N_D	0.41	2.66	-0.35

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
47	47	35	N_D	-2.177E-02	-0.21	-2.312E-02
47	47	29	N_D	-4.721E-03	-1.38	0.25
47	47	161	T+_D	0.	0.	0.
47	47	166	T+_D	0.	0.	0.
47	47	35	T+_D	0.	0.	0.
47	47	29	T+_D	0.	0.	0.
47	47	161	T-_D	0.	0.	0.
47	47	166	T-_D	0.	0.	0.
47	47	35	T-_D	0.	0.	0.
47	47	29	T-_D	0.	0.	0.
47	47	161	W+_K	0.	0.	0.
47	47	166	W+_K	0.	0.	0.
47	47	35	W+_K	0.	0.	0.
47	47	29	W+_K	0.	0.	0.
47	47	161	W-_K	0.	0.	0.
47	47	166	W-_K	0.	0.	0.
47	47	35	W-_K	0.	0.	0.
47	47	29	W-_K	0.	0.	0.
47	47	161	W+_D	0.	0.	0.
47	47	166	W+_D	0.	0.	0.
47	47	35	W+_D	0.	0.	0.
47	47	29	W+_D	0.	0.	0.
47	47	161	W-_D	0.	0.	0.
47	47	166	W-_D	0.	0.	0.
47	47	35	W-_D	0.	0.	0.
47	47	29	W-_D	0.	0.	0.
47	47	161	SISMA SLV X	6.81	32.51	15.15
47	47	166	SISMA SLV X	6.81	36.47	13.48
47	47	35	SISMA SLV X	2.06	10.71	26.81
47	47	29	SISMA SLV X	3.85	15.32	28.77
47	47	161	SISMA SLV Y	13.5	62.56	10.23
47	47	166	SISMA SLV Y	14.63	78.15	6.
47	47	35	SISMA SLV Y	3.96	22.02	13.79
47	47	29	SISMA SLV Y	5.19	9.86	20.24
47	47	161	SISMA SLD X	3.33	15.88	7.4
47	47	166	SISMA SLD X	3.33	17.81	6.59
47	47	35	SISMA SLD X	1.	5.23	13.09
47	47	29	SISMA SLD X	1.88	7.48	14.05
47	47	161	SISMA SLD Y	6.59	30.55	5.
47	47	166	SISMA SLD Y	7.14	38.17	2.93
47	47	35	SISMA SLD Y	1.93	10.75	6.74
47	47	29	SISMA SLD Y	2.54	4.82	9.88
47	47	161	SISMA SLO X	2.75	13.15	6.13
47	47	166	SISMA SLO X	2.76	14.75	5.45
47	47	35	SISMA SLO X	0.83	4.33	10.84
47	47	29	SISMA SLO X	1.56	6.2	11.64
47	47	161	SISMA SLO Y	5.46	25.3	4.14
47	47	166	SISMA SLO Y	5.92	31.61	2.43
47	47	35	SISMA SLO Y	1.6	8.9	5.58
47	47	29	SISMA SLO Y	2.1	3.98	8.18
47	47	161	SLT	0.	0.	0.
47	47	166	SLT	0.	0.	0.
47	47	35	SLT	0.	0.	0.
47	47	29	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
47	47	161	~TorsionSISMA SLV X	0.	0.	0.
47	47	166	~TorsionSISMA SLV X	0.	0.	0.
47	47	35	~TorsionSISMA SLV X	0.	0.	0.
47	47	29	~TorsionSISMA SLV X	0.	0.	0.
47	47	161	~TorsionSISMA SLV Y	0.	0.	0.
47	47	166	~TorsionSISMA SLV Y	0.	0.	0.
47	47	35	~TorsionSISMA SLV Y	0.	0.	0.
47	47	29	~TorsionSISMA SLV Y	0.	0.	0.
47	47	161	~TorsionSISMA SLD X	0.	0.	0.
47	47	166	~TorsionSISMA SLD X	0.	0.	0.
47	47	35	~TorsionSISMA SLD X	0.	0.	0.
47	47	29	~TorsionSISMA SLD X	0.	0.	0.
47	47	161	~TorsionSISMA SLD Y	0.	0.	0.
47	47	166	~TorsionSISMA SLD Y	0.	0.	0.
47	47	35	~TorsionSISMA SLD Y	0.	0.	0.
47	47	29	~TorsionSISMA SLD Y	0.	0.	0.
47	47	161	~TorsionSISMA SLO X	0.	0.	0.
47	47	166	~TorsionSISMA SLO X	0.	0.	0.
47	47	35	~TorsionSISMA SLO X	0.	0.	0.
47	47	29	~TorsionSISMA SLO X	0.	0.	0.
47	47	161	~TorsionSISMA SLO Y	0.	0.	0.
47	47	166	~TorsionSISMA SLO Y	0.	0.	0.
47	47	35	~TorsionSISMA SLO Y	0.	0.	0.
47	47	29	~TorsionSISMA SLO Y	0.	0.	0.
48	48	29	G1_K	-5.13	-62.15	4.73
48	48	35	G1_K	-8.17	-52.57	-7.48
48	48	167	G1_K	-15.62	-79.49	-2.53
48	48	162	G1_K	-12.48	-89.77	9.68
48	48	29	G2_K	-10.77	3.78	21.88
48	48	35	G2_K	1.	10.88	26.16
48	48	167	G2_K	-6.2	4.33	25.48
48	48	162	G2_K	-18.19	-0.32	21.2
48	48	29	Q_K	2.08	-2.22	5.16
48	48	35	Q_K	-0.67	1.18	-3.75
48	48	167	Q_K	-7.25	-15.41	-1.27

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
48	48	162	Q_K	-4.44	-19.25	7.64
48	48	29	N_K	0.25	-0.27	0.62
48	48	35	N_K	-8.053E-02	0.14	-0.45
48	48	167	N_K	-0.87	-1.85	-0.15
48	48	162	N_K	-0.53	-2.31	0.92
48	48	29	T+_K	0.	0.	0.
48	48	35	T+_K	0.	0.	0.
48	48	167	T+_K	0.	0.	0.
48	48	162	T+_K	0.	0.	0.
48	48	29	T-_K	0.	0.	0.
48	48	35	T-_K	0.	0.	0.
48	48	167	T-_K	0.	0.	0.
48	48	162	T-_K	0.	0.	0.
48	48	29	G1_D	-6.67	-80.79	6.15
48	48	35	G1_D	-10.63	-68.34	-9.72
48	48	167	G1_D	-20.3	-103.34	-3.29
48	48	162	G1_D	-16.23	-116.7	12.58
48	48	29	G2_D	-14.	4.91	28.44
48	48	35	G2_D	1.31	14.15	34.
48	48	167	G2_D	-8.05	5.62	33.12
48	48	162	G2_D	-23.64	-0.41	27.56
48	48	29	Q_D	3.12	-3.32	7.74
48	48	35	Q_D	-1.01	1.77	-5.62
48	48	167	Q_D	-10.87	-23.11	-1.9
48	48	162	Q_D	-6.66	-28.88	11.46
48	48	29	N_D	0.37	-0.4	0.93
48	48	35	N_D	-0.12	0.21	-0.67
48	48	167	N_D	-1.3	-2.77	-0.23
48	48	162	N_D	-0.8	-3.47	1.38
48	48	29	T+_D	0.	0.	0.
48	48	35	T+_D	0.	0.	0.
48	48	167	T+_D	0.	0.	0.
48	48	162	T+_D	0.	0.	0.
48	48	29	T-_D	0.	0.	0.
48	48	35	T-_D	0.	0.	0.
48	48	167	T-_D	0.	0.	0.
48	48	162	T-_D	0.	0.	0.
48	48	29	W+_K	0.	0.	0.
48	48	35	W+_K	0.	0.	0.
48	48	167	W+_K	0.	0.	0.
48	48	162	W+_K	0.	0.	0.
48	48	29	W-_K	0.	0.	0.
48	48	35	W-_K	0.	0.	0.
48	48	167	W-_K	0.	0.	0.
48	48	162	W-_K	0.	0.	0.
48	48	29	W+_D	0.	0.	0.
48	48	35	W+_D	0.	0.	0.
48	48	167	W+_D	0.	0.	0.
48	48	162	W+_D	0.	0.	0.
48	48	29	W-_D	0.	0.	0.
48	48	35	W-_D	0.	0.	0.
48	48	167	W-_D	0.	0.	0.
48	48	162	W-_D	0.	0.	0.
48	48	29	SISMA SLV X	3.19	16.74	25.52

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
48	48	35	SISMA SLV X	2.28	14.15	23.47
48	48	167	SISMA SLV X	10.06	10.9	21.17
48	48	162	SISMA SLV X	9.13	19.72	23.33
48	48	29	SISMA SLV Y	2.11	22.2	20.84
48	48	35	SISMA SLV Y	3.74	30.92	10.91
48	48	167	SISMA SLV Y	20.46	21.51	10.07
48	48	162	SISMA SLV Y	17.51	31.45	20.43
48	48	29	SISMA SLD X	1.56	8.18	12.47
48	48	35	SISMA SLD X	1.11	6.91	11.46
48	48	167	SISMA SLD X	4.91	5.32	10.34
48	48	162	SISMA SLD X	4.46	9.63	11.39
48	48	29	SISMA SLD Y	1.03	10.84	10.18
48	48	35	SISMA SLD Y	1.83	15.1	5.33
48	48	167	SISMA SLD Y	9.99	10.51	4.92
48	48	162	SISMA SLD Y	8.55	15.36	9.98
48	48	29	SISMA SLO X	1.29	6.77	10.33
48	48	35	SISMA SLO X	0.92	5.72	9.5
48	48	167	SISMA SLO X	4.07	4.4	8.57
48	48	162	SISMA SLO X	3.69	7.98	9.44
48	48	29	SISMA SLO Y	0.85	8.97	8.43
48	48	35	SISMA SLO Y	1.51	12.5	4.41
48	48	167	SISMA SLO Y	8.27	8.7	4.07
48	48	162	SISMA SLO Y	7.08	12.72	8.26
48	48	29	SLT	0.	0.	0.
48	48	35	SLT	0.	0.	0.
48	48	167	SLT	0.	0.	0.
48	48	162	SLT	0.	0.	0.
48	48	29	~TorsionSISMA SLV X	0.	0.	0.
48	48	35	~TorsionSISMA SLV X	0.	0.	0.
48	48	167	~TorsionSISMA SLV X	0.	0.	0.
48	48	162	~TorsionSISMA SLV X	0.	0.	0.
48	48	29	~TorsionSISMA SLV Y	0.	0.	0.
48	48	35	~TorsionSISMA SLV Y	0.	0.	0.
48	48	167	~TorsionSISMA SLV Y	0.	0.	0.
48	48	162	~TorsionSISMA SLV Y	0.	0.	0.
48	48	29	~TorsionSISMA SLD X	0.	0.	0.
48	48	35	~TorsionSISMA SLD X	0.	0.	0.
48	48	167	~TorsionSISMA SLD X	0.	0.	0.
48	48	162	~TorsionSISMA SLD X	0.	0.	0.
48	48	29	~TorsionSISMA SLD Y	0.	0.	0.
48	48	35	~TorsionSISMA SLD Y	0.	0.	0.
48	48	167	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
48	48	162	~TorsionSISMA SLD Y	0.	0.	0.
48	48	29	~TorsionSISMA SLO X	0.	0.	0.
48	48	35	~TorsionSISMA SLO X	0.	0.	0.
48	48	167	~TorsionSISMA SLO X	0.	0.	0.
48	48	162	~TorsionSISMA SLO X	0.	0.	0.
48	48	29	~TorsionSISMA SLO Y	0.	0.	0.
48	48	35	~TorsionSISMA SLO Y	0.	0.	0.
48	48	167	~TorsionSISMA SLO Y	0.	0.	0.
48	48	162	~TorsionSISMA SLO Y	0.	0.	0.
49	49	162	G1_K	-5.47	-60.46	11.16
49	49	167	G1_K	-14.62	-68.79	-3.59
49	49	36	G1_K	-26.34	-99.61	-4.48
49	49	31	G1_K	-17.17	-90.8	10.27
49	49	162	G2_K	-24.93	-23.54	22.54
49	49	167	G2_K	-6.82	-9.25	19.76
49	49	36	G2_K	-13.36	-9.34	32.64
49	49	31	G2_K	-31.64	-21.72	35.42
49	49	162	Q_K	-1.63	-9.15	7.58
49	49	167	Q_K	-7.96	-14.99	-1.54
49	49	36	Q_K	-15.54	-34.25	-2.83
49	49	31	Q_K	-9.2	-28.1	6.29
49	49	162	N_K	-0.2	-1.1	0.91
49	49	167	N_K	-0.96	-1.8	-0.18
49	49	36	N_K	-1.87	-4.11	-0.34
49	49	31	N_K	-1.1	-3.37	0.76
49	49	162	T+_K	0.	0.	0.
49	49	167	T+_K	0.	0.	0.
49	49	36	T+_K	0.	0.	0.
49	49	31	T+_K	0.	0.	0.
49	49	162	T-_K	0.	0.	0.
49	49	167	T-_K	0.	0.	0.
49	49	36	T-_K	0.	0.	0.
49	49	31	T-_K	0.	0.	0.
49	49	162	G1_D	-7.11	-78.6	14.51
49	49	167	G1_D	-19.01	-89.42	-4.67
49	49	36	G1_D	-34.25	-129.5	-5.83
49	49	31	G1_D	-22.32	-118.04	13.35
49	49	162	G2_D	-32.4	-30.61	29.31
49	49	167	G2_D	-8.86	-12.02	25.69
49	49	36	G2_D	-17.36	-12.14	42.43
49	49	31	G2_D	-41.13	-28.24	46.05
49	49	162	Q_D	-2.44	-13.73	11.37
49	49	167	Q_D	-11.94	-22.49	-2.31
49	49	36	Q_D	-23.32	-51.38	-4.25
49	49	31	Q_D	-13.8	-42.14	9.44
49	49	162	N_D	-0.29	-1.65	1.36
49	49	167	N_D	-1.43	-2.7	-0.28

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
49	49	36	N_D	-2.8	-6.17	-0.51
49	49	31	N_D	-1.66	-5.06	1.13
49	49	162	T+_D	0.	0.	0.
49	49	167	T+_D	0.	0.	0.
49	49	36	T+_D	0.	0.	0.
49	49	31	T+_D	0.	0.	0.
49	49	162	T-_D	0.	0.	0.
49	49	167	T-_D	0.	0.	0.
49	49	36	T-_D	0.	0.	0.
49	49	31	T-_D	0.	0.	0.
49	49	162	W+_K	0.	0.	0.
49	49	167	W+_K	0.	0.	0.
49	49	36	W+_K	0.	0.	0.
49	49	31	W+_K	0.	0.	0.
49	49	162	W-_K	0.	0.	0.
49	49	167	W-_K	0.	0.	0.
49	49	36	W-_K	0.	0.	0.
49	49	31	W-_K	0.	0.	0.
49	49	162	W+_D	0.	0.	0.
49	49	167	W+_D	0.	0.	0.
49	49	36	W+_D	0.	0.	0.
49	49	31	W+_D	0.	0.	0.
49	49	162	W-_D	0.	0.	0.
49	49	167	W-_D	0.	0.	0.
49	49	36	W-_D	0.	0.	0.
49	49	31	W-_D	0.	0.	0.
49	49	162	SISMA SLV X	7.61	11.62	22.4
49	49	167	SISMA SLV X	9.8	7.73	23.64
49	49	36	SISMA SLV X	15.37	23.82	25.3
49	49	31	SISMA SLV X	12.74	23.9	23.68
49	49	162	SISMA SLV Y	12.86	12.14	20.86
49	49	167	SISMA SLV Y	19.84	14.46	11.3
49	49	36	SISMA SLV Y	30.79	48.39	11.49
49	49	31	SISMA SLV Y	23.27	45.4	19.65
49	49	162	SISMA SLD X	3.71	5.67	10.94
49	49	167	SISMA SLD X	4.78	3.77	11.55
49	49	36	SISMA SLD X	7.51	11.63	12.36
49	49	31	SISMA SLD X	6.22	11.67	11.56
49	49	162	SISMA SLD Y	6.28	5.93	10.19
49	49	167	SISMA SLD Y	9.69	7.06	5.52
49	49	36	SISMA SLD Y	15.04	23.63	5.61
49	49	31	SISMA SLD Y	11.37	22.17	9.6
49	49	162	SISMA SLO X	3.07	4.7	9.06
49	49	167	SISMA SLO X	3.96	3.12	9.56
49	49	36	SISMA SLO X	6.22	9.63	10.24
49	49	31	SISMA SLO X	5.15	9.67	9.58
49	49	162	SISMA SLO Y	5.2	4.9	8.44
49	49	167	SISMA SLO Y	8.03	5.84	4.57
49	49	36	SISMA SLO Y	12.45	19.57	4.65
49	49	31	SISMA SLO Y	9.41	18.36	7.95
49	49	162	SLT	0.	0.	0.
49	49	167	SLT	0.	0.	0.
49	49	36	SLT	0.	0.	0.
49	49	31	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
49	49	162	~TorsionSISMA SLV X	0.	0.	0.
49	49	167	~TorsionSISMA SLV X	0.	0.	0.
49	49	36	~TorsionSISMA SLV X	0.	0.	0.
49	49	31	~TorsionSISMA SLV X	0.	0.	0.
49	49	162	~TorsionSISMA SLV Y	0.	0.	0.
49	49	167	~TorsionSISMA SLV Y	0.	0.	0.
49	49	36	~TorsionSISMA SLV Y	0.	0.	0.
49	49	31	~TorsionSISMA SLV Y	0.	0.	0.
49	49	162	~TorsionSISMA SLD X	0.	0.	0.
49	49	167	~TorsionSISMA SLD X	0.	0.	0.
49	49	36	~TorsionSISMA SLD X	0.	0.	0.
49	49	31	~TorsionSISMA SLD X	0.	0.	0.
49	49	162	~TorsionSISMA SLD Y	0.	0.	0.
49	49	167	~TorsionSISMA SLD Y	0.	0.	0.
49	49	36	~TorsionSISMA SLD Y	0.	0.	0.
49	49	31	~TorsionSISMA SLD Y	0.	0.	0.
49	49	162	~TorsionSISMA SLO X	0.	0.	0.
49	49	167	~TorsionSISMA SLO X	0.	0.	0.
49	49	36	~TorsionSISMA SLO X	0.	0.	0.
49	49	31	~TorsionSISMA SLO X	0.	0.	0.
49	49	162	~TorsionSISMA SLO Y	0.	0.	0.
49	49	167	~TorsionSISMA SLO Y	0.	0.	0.
49	49	36	~TorsionSISMA SLO Y	0.	0.	0.
49	49	31	~TorsionSISMA SLO Y	0.	0.	0.
50	50	31	G1_K	-11.81	-69.31	9.85
50	50	36	G1_K	-24.89	-87.03	-4.47
50	50	168	G1_K	-43.88	-124.51	-5.19
50	50	164	G1_K	-30.74	-107.24	9.13
50	50	31	G2_K	-34.81	-29.1	28.08
50	50	36	G2_K	-12.58	-13.91	28.19
50	50	168	G2_K	-8.62	-4.23	34.75
50	50	164	G2_K	-30.96	-18.32	34.63
50	50	31	Q_K	-7.63	-23.61	5.83
50	50	36	Q_K	-16.23	-34.3	-2.82
50	50	168	Q_K	-27.29	-57.9	-3.25

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
50	50	164	Q_K	-18.65	-47.47	5.4
50	50	31	N_K	-0.92	-2.83	0.7
50	50	36	N_K	-1.95	-4.12	-0.34
50	50	168	N_K	-3.27	-6.95	-0.39
50	50	164	N_K	-2.24	-5.7	0.65
50	50	31	T+_K	0.	0.	0.
50	50	36	T+_K	0.	0.	0.
50	50	168	T+_K	0.	0.	0.
50	50	164	T+_K	0.	0.	0.
50	50	31	T-_K	0.	0.	0.
50	50	36	T-_K	0.	0.	0.
50	50	168	T-_K	0.	0.	0.
50	50	164	T-_K	0.	0.	0.
50	50	31	G1_D	-15.35	-90.1	12.8
50	50	36	G1_D	-32.36	-113.14	-5.81
50	50	168	G1_D	-57.04	-161.86	-6.75
50	50	164	G1_D	-39.96	-139.41	11.86
50	50	31	G2_D	-45.26	-37.83	36.5
50	50	36	G2_D	-16.35	-18.09	36.65
50	50	168	G2_D	-11.21	-5.5	45.18
50	50	164	G2_D	-40.25	-23.81	45.02
50	50	31	Q_D	-11.44	-35.41	8.75
50	50	36	Q_D	-24.34	-51.45	-4.23
50	50	168	Q_D	-40.93	-86.84	-4.88
50	50	164	Q_D	-27.98	-71.2	8.1
50	50	31	N_D	-1.37	-4.25	1.05
50	50	36	N_D	-2.92	-6.17	-0.51
50	50	168	N_D	-4.91	-10.42	-0.59
50	50	164	N_D	-3.36	-8.54	0.97
50	50	31	T+_D	0.	0.	0.
50	50	36	T+_D	0.	0.	0.
50	50	168	T+_D	0.	0.	0.
50	50	164	T+_D	0.	0.	0.
50	50	31	T-_D	0.	0.	0.
50	50	36	T-_D	0.	0.	0.
50	50	168	T-_D	0.	0.	0.
50	50	164	T-_D	0.	0.	0.
50	50	31	W+_K	0.	0.	0.
50	50	36	W+_K	0.	0.	0.
50	50	168	W+_K	0.	0.	0.
50	50	164	W+_K	0.	0.	0.
50	50	31	W-_K	0.	0.	0.
50	50	36	W-_K	0.	0.	0.
50	50	168	W-_K	0.	0.	0.
50	50	164	W-_K	0.	0.	0.
50	50	31	W+_D	0.	0.	0.
50	50	36	W+_D	0.	0.	0.
50	50	168	W+_D	0.	0.	0.
50	50	164	W+_D	0.	0.	0.
50	50	31	W-_D	0.	0.	0.
50	50	36	W-_D	0.	0.	0.
50	50	168	W-_D	0.	0.	0.
50	50	164	W-_D	0.	0.	0.
50	50	31	SISMA SLV X	12.1	15.94	22.23

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
50	50	36	SISMA SLV X	14.85	20.99	24.34
50	50	168	SISMA SLV X	15.1	26.92	24.87
50	50	164	SISMA SLV X	11.97	21.38	22.46
50	50	31	SISMA SLV Y	20.54	30.46	15.39
50	50	36	SISMA SLV Y	29.4	41.19	12.86
50	50	168	SISMA SLV Y	27.99	52.19	11.12
50	50	164	SISMA SLV Y	18.56	41.13	11.97
50	50	31	SISMA SLD X	5.91	7.79	10.86
50	50	36	SISMA SLD X	7.25	10.25	11.89
50	50	168	SISMA SLD X	7.37	13.15	12.15
50	50	164	SISMA SLD X	5.85	10.44	10.97
50	50	31	SISMA SLD Y	10.03	14.87	7.52
50	50	36	SISMA SLD Y	14.36	20.12	6.28
50	50	168	SISMA SLD Y	13.67	25.49	5.43
50	50	164	SISMA SLD Y	9.06	20.09	5.84
50	50	31	SISMA SLO X	4.89	6.45	9.
50	50	36	SISMA SLO X	6.01	8.49	9.85
50	50	168	SISMA SLO X	6.11	10.89	10.06
50	50	164	SISMA SLO X	4.84	8.65	9.09
50	50	31	SISMA SLO Y	8.3	12.32	6.23
50	50	36	SISMA SLO Y	11.89	16.66	5.2
50	50	168	SISMA SLO Y	11.32	21.11	4.5
50	50	164	SISMA SLO Y	7.5	16.64	4.84
50	50	31	SLT	0.	0.	0.
50	50	36	SLT	0.	0.	0.
50	50	168	SLT	0.	0.	0.
50	50	164	SLT	0.	0.	0.
50	50	31	~TorsionSISMA SLV X	0.	0.	0.
50	50	36	~TorsionSISMA SLV X	0.	0.	0.
50	50	168	~TorsionSISMA SLV X	0.	0.	0.
50	50	164	~TorsionSISMA SLV X	0.	0.	0.
50	50	31	~TorsionSISMA SLV Y	0.	0.	0.
50	50	36	~TorsionSISMA SLV Y	0.	0.	0.
50	50	168	~TorsionSISMA SLV Y	0.	0.	0.
50	50	164	~TorsionSISMA SLV Y	0.	0.	0.
50	50	31	~TorsionSISMA SLD X	0.	0.	0.
50	50	36	~TorsionSISMA SLD X	0.	0.	0.
50	50	168	~TorsionSISMA SLD X	0.	0.	0.
50	50	164	~TorsionSISMA SLD X	0.	0.	0.
50	50	31	~TorsionSISMA SLD Y	0.	0.	0.
50	50	36	~TorsionSISMA SLD Y	0.	0.	0.
50	50	168	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
50	50	164	~TorsionSISMA SLD Y	0.	0.	0.
50	50	31	~TorsionSISMA SLO X	0.	0.	0.
50	50	36	~TorsionSISMA SLO X	0.	0.	0.
50	50	168	~TorsionSISMA SLO X	0.	0.	0.
50	50	164	~TorsionSISMA SLO X	0.	0.	0.
50	50	31	~TorsionSISMA SLO Y	0.	0.	0.
50	50	36	~TorsionSISMA SLO Y	0.	0.	0.
50	50	168	~TorsionSISMA SLO Y	0.	0.	0.
50	50	164	~TorsionSISMA SLO Y	0.	0.	0.
51	51	164	G1_K	-26.38	-87.83	-0.8
51	51	168	G1_K	-47.15	-138.49	6.5
51	51	37	G1_K	-60.82	-185.95	-11.75
51	51	33	G1_K	-40.14	-133.17	-19.05
51	51	164	G2_K	-30.03	-8.91	32.51
51	51	168	G2_K	-6.8	0.12	27.42
51	51	37	G2_K	1.93	20.34	35.71
51	51	33	G2_K	-21.34	11.79	40.8
51	51	164	Q_K	-17.67	-43.82	-0.96
51	51	168	Q_K	-31.13	-75.88	4.17
51	51	37	Q_K	-38.45	-106.	-7.55
51	51	33	Q_K	-25.04	-72.57	-12.68
51	51	164	N_K	-2.12	-5.26	-0.12
51	51	168	N_K	-3.74	-9.11	0.5
51	51	37	N_K	-4.61	-12.72	-0.91
51	51	33	N_K	-3.01	-8.71	-1.52
51	51	164	T+_K	0.	0.	0.
51	51	168	T+_K	0.	0.	0.
51	51	37	T+_K	0.	0.	0.
51	51	33	T+_K	0.	0.	0.
51	51	164	T-_K	0.	0.	0.
51	51	168	T-_K	0.	0.	0.
51	51	37	T-_K	0.	0.	0.
51	51	33	T-_K	0.	0.	0.
51	51	164	G1_D	-34.3	-114.18	-1.04
51	51	168	G1_D	-61.29	-180.04	8.45
51	51	37	G1_D	-79.07	-241.74	-15.27
51	51	33	G1_D	-52.18	-173.13	-24.77
51	51	164	G2_D	-39.04	-11.58	42.26
51	51	168	G2_D	-8.84	0.15	35.65
51	51	37	G2_D	2.51	26.45	46.43
51	51	33	G2_D	-27.74	15.33	53.04
51	51	164	Q_D	-26.51	-65.73	-1.44
51	51	168	Q_D	-46.7	-113.82	6.26
51	51	37	Q_D	-57.68	-159.	-11.33
51	51	33	Q_D	-37.57	-108.86	-19.03
51	51	164	N_D	-3.18	-7.89	-0.17
51	51	168	N_D	-5.6	-13.66	0.75

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
51	51	37	N_D	-6.92	-19.08	-1.36
51	51	33	N_D	-4.51	-13.06	-2.28
51	51	164	T+_D	0.	0.	0.
51	51	168	T+_D	0.	0.	0.
51	51	37	T+_D	0.	0.	0.
51	51	33	T+_D	0.	0.	0.
51	51	164	T-_D	0.	0.	0.
51	51	168	T-_D	0.	0.	0.
51	51	37	T-_D	0.	0.	0.
51	51	33	T-_D	0.	0.	0.
51	51	164	W+_K	0.	0.	0.
51	51	168	W+_K	0.	0.	0.
51	51	37	W+_K	0.	0.	0.
51	51	33	W+_K	0.	0.	0.
51	51	164	W-_K	0.	0.	0.
51	51	168	W-_K	0.	0.	0.
51	51	37	W-_K	0.	0.	0.
51	51	33	W-_K	0.	0.	0.
51	51	164	W+_D	0.	0.	0.
51	51	168	W+_D	0.	0.	0.
51	51	37	W+_D	0.	0.	0.
51	51	33	W+_D	0.	0.	0.
51	51	164	W-_D	0.	0.	0.
51	51	168	W-_D	0.	0.	0.
51	51	37	W-_D	0.	0.	0.
51	51	33	W-_D	0.	0.	0.
51	51	164	SISMA SLV X	12.37	19.53	20.51
51	51	168	SISMA SLV X	14.81	27.81	24.33
51	51	37	SISMA SLV X	9.72	23.87	25.71
51	51	33	SISMA SLV X	7.99	14.31	22.32
51	51	164	SISMA SLV Y	18.99	36.76	9.21
51	51	168	SISMA SLV Y	26.15	49.06	12.62
51	51	37	SISMA SLV Y	10.49	32.33	11.4
51	51	33	SISMA SLV Y	4.23	19.51	10.8
51	51	164	SISMA SLD X	6.04	9.54	10.02
51	51	168	SISMA SLD X	7.23	13.58	11.88
51	51	37	SISMA SLD X	4.75	11.66	12.56
51	51	33	SISMA SLD X	3.9	6.99	10.9
51	51	164	SISMA SLD Y	9.28	17.95	4.5
51	51	168	SISMA SLD Y	12.77	23.96	6.16
51	51	37	SISMA SLD Y	5.12	15.79	5.57
51	51	33	SISMA SLD Y	2.07	9.53	5.27
51	51	164	SISMA SLO X	5.	7.9	8.3
51	51	168	SISMA SLO X	5.99	11.25	9.84
51	51	37	SISMA SLO X	3.93	9.66	10.41
51	51	33	SISMA SLO X	3.23	5.79	9.03
51	51	164	SISMA SLO Y	7.68	14.87	3.72
51	51	168	SISMA SLO Y	10.58	19.84	5.11
51	51	37	SISMA SLO Y	4.24	13.07	4.61
51	51	33	SISMA SLO Y	1.71	7.89	4.37
51	51	164	SLT	0.	0.	0.
51	51	168	SLT	0.	0.	0.
51	51	37	SLT	0.	0.	0.
51	51	33	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
51	51	164	~TorsionSISMA SLV X	0.	0.	0.
51	51	168	~TorsionSISMA SLV X	0.	0.	0.
51	51	37	~TorsionSISMA SLV X	0.	0.	0.
51	51	33	~TorsionSISMA SLV X	0.	0.	0.
51	51	164	~TorsionSISMA SLV Y	0.	0.	0.
51	51	168	~TorsionSISMA SLV Y	0.	0.	0.
51	51	37	~TorsionSISMA SLV Y	0.	0.	0.
51	51	33	~TorsionSISMA SLV Y	0.	0.	0.
51	51	164	~TorsionSISMA SLD X	0.	0.	0.
51	51	168	~TorsionSISMA SLD X	0.	0.	0.
51	51	37	~TorsionSISMA SLD X	0.	0.	0.
51	51	33	~TorsionSISMA SLD X	0.	0.	0.
51	51	164	~TorsionSISMA SLD Y	0.	0.	0.
51	51	168	~TorsionSISMA SLD Y	0.	0.	0.
51	51	37	~TorsionSISMA SLD Y	0.	0.	0.
51	51	33	~TorsionSISMA SLD Y	0.	0.	0.
51	51	164	~TorsionSISMA SLO X	0.	0.	0.
51	51	168	~TorsionSISMA SLO X	0.	0.	0.
51	51	37	~TorsionSISMA SLO X	0.	0.	0.
51	51	33	~TorsionSISMA SLO X	0.	0.	0.
51	51	164	~TorsionSISMA SLO Y	0.	0.	0.
51	51	168	~TorsionSISMA SLO Y	0.	0.	0.
51	51	37	~TorsionSISMA SLO Y	0.	0.	0.
51	51	33	~TorsionSISMA SLO Y	0.	0.	0.
52	52	33	G1_K	-41.29	-144.35	-40.8
52	52	37	G1_K	-71.31	-232.98	11.78
52	52	117	G1_K	-66.64	-290.53	-17.96
52	52	119	G1_K	-36.61	-200.69	-70.55
52	52	33	G2_K	-12.52	57.17	46.74
52	52	37	G2_K	1.89	18.87	31.03
52	52	117	G2_K	7.59	49.85	13.19
52	52	119	G2_K	-6.84	89.49	28.9
52	52	33	Q_K	-27.61	-88.59	-26.57
52	52	37	Q_K	-46.86	-144.85	7.54
52	52	117	Q_K	-42.32	-181.55	-11.4

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
52	52	119	Q_K	-23.07	-124.5	-45.51
52	52	33	N_K	-3.31	-10.63	-3.19
52	52	37	N_K	-5.62	-17.38	0.9
52	52	117	N_K	-5.08	-21.79	-1.37
52	52	119	N_K	-2.77	-14.94	-5.46
52	52	33	T+_K	0.	0.	0.
52	52	37	T+_K	0.	0.	0.
52	52	117	T+_K	0.	0.	0.
52	52	119	T+_K	0.	0.	0.
52	52	33	T-_K	0.	0.	0.
52	52	37	T-_K	0.	0.	0.
52	52	117	T-_K	0.	0.	0.
52	52	119	T-_K	0.	0.	0.
52	52	33	G1_D	-53.68	-187.66	-53.04
52	52	37	G1_D	-92.7	-302.87	15.32
52	52	117	G1_D	-86.64	-377.69	-23.35
52	52	119	G1_D	-47.6	-260.89	-91.71
52	52	33	G2_D	-16.28	74.32	60.76
52	52	37	G2_D	2.45	24.53	40.34
52	52	117	G2_D	9.87	64.8	17.15
52	52	119	G2_D	-8.89	116.33	37.57
52	52	33	Q_D	-41.42	-132.88	-39.86
52	52	37	Q_D	-70.29	-217.28	11.31
52	52	117	Q_D	-63.49	-272.33	-17.1
52	52	119	Q_D	-34.61	-186.75	-68.27
52	52	33	N_D	-4.97	-15.95	-4.78
52	52	37	N_D	-8.43	-26.07	1.36
52	52	117	N_D	-7.62	-32.68	-2.05
52	52	119	N_D	-4.15	-22.41	-8.19
52	52	33	T+_D	0.	0.	0.
52	52	37	T+_D	0.	0.	0.
52	52	117	T+_D	0.	0.	0.
52	52	119	T+_D	0.	0.	0.
52	52	33	T-_D	0.	0.	0.
52	52	37	T-_D	0.	0.	0.
52	52	117	T-_D	0.	0.	0.
52	52	119	T-_D	0.	0.	0.
52	52	33	W+_K	0.	0.	0.
52	52	37	W+_K	0.	0.	0.
52	52	117	W+_K	0.	0.	0.
52	52	119	W+_K	0.	0.	0.
52	52	33	W-_K	0.	0.	0.
52	52	37	W-_K	0.	0.	0.
52	52	117	W-_K	0.	0.	0.
52	52	119	W-_K	0.	0.	0.
52	52	33	W+_D	0.	0.	0.
52	52	37	W+_D	0.	0.	0.
52	52	117	W+_D	0.	0.	0.
52	52	119	W+_D	0.	0.	0.
52	52	33	W-_D	0.	0.	0.
52	52	37	W-_D	0.	0.	0.
52	52	117	W-_D	0.	0.	0.
52	52	119	W-_D	0.	0.	0.
52	52	33	SISMA SLV X	8.47	19.95	25.05

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
52	52	37	SISMA SLV X	10.47	30.51	25.11
52	52	117	SISMA SLV X	14.42	31.76	15.87
52	52	119	SISMA SLV X	14.35	19.1	18.06
52	52	33	SISMA SLV Y	6.72	28.04	14.28
52	52	37	SISMA SLV Y	7.7	30.	11.62
52	52	117	SISMA SLV Y	25.92	25.98	7.22
52	52	119	SISMA SLV Y	25.98	22.78	12.92
52	52	33	SISMA SLD X	4.14	9.74	12.24
52	52	37	SISMA SLD X	5.11	14.9	12.26
52	52	117	SISMA SLD X	7.04	15.51	7.75
52	52	119	SISMA SLD X	7.01	9.33	8.82
52	52	33	SISMA SLD Y	3.28	13.69	6.97
52	52	37	SISMA SLD Y	3.76	14.65	5.67
52	52	117	SISMA SLD Y	12.66	12.69	3.53
52	52	119	SISMA SLD Y	12.69	11.13	6.31
52	52	33	SISMA SLO X	3.43	8.07	10.14
52	52	37	SISMA SLO X	4.24	12.35	10.16
52	52	117	SISMA SLO X	5.83	12.86	6.42
52	52	119	SISMA SLO X	5.8	7.73	7.31
52	52	33	SISMA SLO Y	2.72	11.34	5.78
52	52	37	SISMA SLO Y	3.11	12.13	4.7
52	52	117	SISMA SLO Y	10.48	10.51	2.92
52	52	119	SISMA SLO Y	10.51	9.21	5.23
52	52	33	SLT	0.	0.	0.
52	52	37	SLT	0.	0.	0.
52	52	117	SLT	0.	0.	0.
52	52	119	SLT	0.	0.	0.
52	52	33	~TorsionSISMA SLV X	0.	0.	0.
52	52	37	~TorsionSISMA SLV X	0.	0.	0.
52	52	117	~TorsionSISMA SLV X	0.	0.	0.
52	52	119	~TorsionSISMA SLV X	0.	0.	0.
52	52	33	~TorsionSISMA SLV Y	0.	0.	0.
52	52	37	~TorsionSISMA SLV Y	0.	0.	0.
52	52	117	~TorsionSISMA SLV Y	0.	0.	0.
52	52	119	~TorsionSISMA SLV Y	0.	0.	0.
52	52	33	~TorsionSISMA SLD X	0.	0.	0.
52	52	37	~TorsionSISMA SLD X	0.	0.	0.
52	52	117	~TorsionSISMA SLD X	0.	0.	0.
52	52	119	~TorsionSISMA SLD X	0.	0.	0.
52	52	33	~TorsionSISMA SLD Y	0.	0.	0.
52	52	37	~TorsionSISMA SLD Y	0.	0.	0.
52	52	117	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
52	52	119	~TorsionSISMA SLD Y	0.	0.	0.
52	52	33	~TorsionSISMA SLO X	0.	0.	0.
52	52	37	~TorsionSISMA SLO X	0.	0.	0.
52	52	117	~TorsionSISMA SLO X	0.	0.	0.
52	52	119	~TorsionSISMA SLO X	0.	0.	0.
52	52	33	~TorsionSISMA SLO Y	0.	0.	0.
52	52	37	~TorsionSISMA SLO Y	0.	0.	0.
52	52	117	~TorsionSISMA SLO Y	0.	0.	0.
52	52	119	~TorsionSISMA SLO Y	0.	0.	0.
53	53	166	G1_K	-9.96	-44.98	1.87
53	53	169	G1_K	-9.03	-49.96	0.94
53	53	38	G1_K	-10.12	-76.01	-2.07
53	53	35	G1_K	-11.09	-71.25	-1.14
53	53	166	G2_K	3.32	19.29	20.57
53	53	169	G2_K	-1.41	-9.69	23.59
53	53	38	G2_K	-3.63	-7.41	37.39
53	53	35	G2_K	1.07	21.83	34.37
53	53	166	Q_K	2.24	14.75	1.6
53	53	169	Q_K	2.51	8.99	-0.91
53	53	38	Q_K	-0.32	-6.7	-3.76
53	53	35	Q_K	-0.6	-1.23	-1.25
53	53	166	N_K	0.27	1.77	0.19
53	53	169	N_K	0.3	1.08	-0.11
53	53	38	N_K	-3.821E-02	-0.8	-0.45
53	53	35	N_K	-7.250E-02	-0.15	-0.15
53	53	166	T+_K	0.	0.	0.
53	53	169	T+_K	0.	0.	0.
53	53	38	T+_K	0.	0.	0.
53	53	35	T+_K	0.	0.	0.
53	53	166	T-_K	0.	0.	0.
53	53	169	T-_K	0.	0.	0.
53	53	38	T-_K	0.	0.	0.
53	53	35	T-_K	0.	0.	0.
53	53	166	G1_D	-12.95	-58.48	2.43
53	53	169	G1_D	-11.74	-64.95	1.22
53	53	38	G1_D	-13.16	-98.82	-2.7
53	53	35	G1_D	-14.42	-92.63	-1.48
53	53	166	G2_D	4.32	25.07	26.74
53	53	169	G2_D	-1.83	-12.6	30.67
53	53	38	G2_D	-4.72	-9.64	48.61
53	53	35	G2_D	1.39	28.38	44.68
53	53	166	Q_D	3.37	22.13	2.39
53	53	169	Q_D	3.76	13.49	-1.37
53	53	38	Q_D	-0.48	-10.05	-5.64
53	53	35	Q_D	-0.91	-1.85	-1.88
53	53	166	N_D	0.4	2.66	0.29
53	53	169	N_D	0.45	1.62	-0.16

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
53	53	38	N_D	-5.731E-02	-1.21	-0.68
53	53	35	N_D	-0.11	-0.22	-0.23
53	53	166	T+_D	0.	0.	0.
53	53	169	T+_D	0.	0.	0.
53	53	38	T+_D	0.	0.	0.
53	53	35	T+_D	0.	0.	0.
53	53	166	T-_D	0.	0.	0.
53	53	169	T-_D	0.	0.	0.
53	53	38	T-_D	0.	0.	0.
53	53	35	T-_D	0.	0.	0.
53	53	166	W+_K	0.	0.	0.
53	53	169	W+_K	0.	0.	0.
53	53	38	W+_K	0.	0.	0.
53	53	35	W+_K	0.	0.	0.
53	53	166	W-_K	0.	0.	0.
53	53	169	W-_K	0.	0.	0.
53	53	38	W-_K	0.	0.	0.
53	53	35	W-_K	0.	0.	0.
53	53	166	W+_D	0.	0.	0.
53	53	169	W+_D	0.	0.	0.
53	53	38	W+_D	0.	0.	0.
53	53	35	W+_D	0.	0.	0.
53	53	166	W-_D	0.	0.	0.
53	53	169	W-_D	0.	0.	0.
53	53	38	W-_D	0.	0.	0.
53	53	35	W-_D	0.	0.	0.
53	53	166	SISMA SLV X	6.73	36.26	13.92
53	53	169	SISMA SLV X	6.63	31.92	15.84
53	53	38	SISMA SLV X	2.73	13.99	29.2
53	53	35	SISMA SLV X	1.92	11.	26.96
53	53	166	SISMA SLV Y	14.27	77.54	7.61
53	53	169	SISMA SLV Y	12.77	57.88	7.7
53	53	38	SISMA SLV Y	5.22	8.04	15.23
53	53	35	SISMA SLV Y	3.79	22.8	11.92
53	53	166	SISMA SLD X	3.29	17.71	6.8
53	53	169	SISMA SLD X	3.24	15.59	7.73
53	53	38	SISMA SLD X	1.33	6.83	14.26
53	53	35	SISMA SLD X	0.94	5.37	13.17
53	53	166	SISMA SLD Y	6.97	37.87	3.72
53	53	169	SISMA SLD Y	6.24	28.27	3.76
53	53	38	SISMA SLD Y	2.55	3.93	7.44
53	53	35	SISMA SLD Y	1.85	11.13	5.82
53	53	166	SISMA SLO X	2.72	14.66	5.63
53	53	169	SISMA SLO X	2.68	12.91	6.41
53	53	38	SISMA SLO X	1.1	5.66	11.82
53	53	35	SISMA SLO X	0.77	4.45	10.91
53	53	166	SISMA SLO Y	5.77	31.36	3.08
53	53	169	SISMA SLO Y	5.16	23.41	3.12
53	53	38	SISMA SLO Y	2.11	3.24	6.16
53	53	35	SISMA SLO Y	1.53	9.22	4.82
53	53	166	SLT	0.	0.	0.
53	53	169	SLT	0.	0.	0.
53	53	38	SLT	0.	0.	0.
53	53	35	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
53	53	166	~TorsionSISMA SLV X	0.	0.	0.
53	53	169	~TorsionSISMA SLV X	0.	0.	0.
53	53	38	~TorsionSISMA SLV X	0.	0.	0.
53	53	35	~TorsionSISMA SLV X	0.	0.	0.
53	53	166	~TorsionSISMA SLV Y	0.	0.	0.
53	53	169	~TorsionSISMA SLV Y	0.	0.	0.
53	53	38	~TorsionSISMA SLV Y	0.	0.	0.
53	53	35	~TorsionSISMA SLV Y	0.	0.	0.
53	53	166	~TorsionSISMA SLD X	0.	0.	0.
53	53	169	~TorsionSISMA SLD X	0.	0.	0.
53	53	38	~TorsionSISMA SLD X	0.	0.	0.
53	53	35	~TorsionSISMA SLD X	0.	0.	0.
53	53	166	~TorsionSISMA SLD Y	0.	0.	0.
53	53	169	~TorsionSISMA SLD Y	0.	0.	0.
53	53	38	~TorsionSISMA SLD Y	0.	0.	0.
53	53	35	~TorsionSISMA SLD Y	0.	0.	0.
53	53	166	~TorsionSISMA SLO X	0.	0.	0.
53	53	169	~TorsionSISMA SLO X	0.	0.	0.
53	53	38	~TorsionSISMA SLO X	0.	0.	0.
53	53	35	~TorsionSISMA SLO X	0.	0.	0.
53	53	166	~TorsionSISMA SLO Y	0.	0.	0.
53	53	169	~TorsionSISMA SLO Y	0.	0.	0.
53	53	38	~TorsionSISMA SLO Y	0.	0.	0.
53	53	35	~TorsionSISMA SLO Y	0.	0.	0.
54	54	35	G1_K	-8.85	-52.6	2.79
54	54	38	G1_K	-5.43	-59.97	-6.78
54	54	170	G1_K	-11.58	-87.45	-11.69
54	54	167	G1_K	-15.08	-79.49	-2.12
54	54	35	G2_K	-2.43	5.93	24.48
54	54	38	G2_K	-4.36	-12.63	33.89
54	54	170	G2_K	0.86	-8.55	28.48
54	54	167	G2_K	2.76	10.38	19.07
54	54	35	Q_K	-1.15	1.14	1.16
54	54	38	Q_K	1.82	-1.08	-6.
54	54	170	Q_K	-3.85	-18.	-8.49

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
54	54	167	Q_K	-6.87	-15.39	-1.33
54	54	35	N_K	-0.14	0.14	0.14
54	54	38	N_K	0.22	-0.13	-0.72
54	54	170	N_K	-0.46	-2.16	-1.02
54	54	167	N_K	-0.82	-1.85	-0.16
54	54	35	T+_K	0.	0.	0.
54	54	38	T+_K	0.	0.	0.
54	54	170	T+_K	0.	0.	0.
54	54	167	T+_K	0.	0.	0.
54	54	35	T-_K	0.	0.	0.
54	54	38	T-_K	0.	0.	0.
54	54	170	T-_K	0.	0.	0.
54	54	167	T-_K	0.	0.	0.
54	54	35	G1_D	-11.5	-68.38	3.62
54	54	38	G1_D	-7.06	-77.96	-8.82
54	54	170	G1_D	-15.06	-113.69	-15.2
54	54	167	G1_D	-19.61	-103.34	-2.76
54	54	35	G2_D	-3.15	7.71	31.83
54	54	38	G2_D	-5.67	-16.41	44.06
54	54	170	G2_D	1.12	-11.11	37.02
54	54	167	G2_D	3.59	13.5	24.79
54	54	35	Q_D	-1.72	1.71	1.75
54	54	38	Q_D	2.73	-1.62	-9.
54	54	170	Q_D	-5.78	-27.	-12.74
54	54	167	Q_D	-10.31	-23.08	-1.99
54	54	35	N_D	-0.21	0.2	0.21
54	54	38	N_D	0.33	-0.19	-1.08
54	54	170	N_D	-0.69	-3.24	-1.53
54	54	167	N_D	-1.24	-2.77	-0.24
54	54	35	T+_D	0.	0.	0.
54	54	38	T+_D	0.	0.	0.
54	54	170	T+_D	0.	0.	0.
54	54	167	T+_D	0.	0.	0.
54	54	35	T-_D	0.	0.	0.
54	54	38	T-_D	0.	0.	0.
54	54	170	T-_D	0.	0.	0.
54	54	167	T-_D	0.	0.	0.
54	54	35	W+_K	0.	0.	0.
54	54	38	W+_K	0.	0.	0.
54	54	170	W+_K	0.	0.	0.
54	54	167	W+_K	0.	0.	0.
54	54	35	W-_K	0.	0.	0.
54	54	38	W-_K	0.	0.	0.
54	54	170	W-_K	0.	0.	0.
54	54	167	W-_K	0.	0.	0.
54	54	35	W+_D	0.	0.	0.
54	54	38	W+_D	0.	0.	0.
54	54	170	W+_D	0.	0.	0.
54	54	167	W+_D	0.	0.	0.
54	54	35	W-_D	0.	0.	0.
54	54	38	W-_D	0.	0.	0.
54	54	170	W-_D	0.	0.	0.
54	54	167	W-_D	0.	0.	0.
54	54	35	SISMA SLV X	2.6	14.17	24.06

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
54	54	38	SISMA SLV X	2.83	16.37	25.3
54	54	170	SISMA SLV X	8.75	18.52	22.81
54	54	167	SISMA SLV X	9.84	10.22	21.41
54	54	35	SISMA SLV Y	3.92	30.31	11.08
54	54	38	SISMA SLV Y	2.01	19.43	15.89
54	54	170	SISMA SLV Y	16.29	33.07	15.82
54	54	167	SISMA SLV Y	20.19	20.74	9.68
54	54	35	SISMA SLD X	1.27	6.92	11.75
54	54	38	SISMA SLD X	1.38	8.	12.36
54	54	170	SISMA SLD X	4.27	9.05	11.14
54	54	167	SISMA SLD X	4.81	4.99	10.46
54	54	35	SISMA SLD Y	1.91	14.8	5.41
54	54	38	SISMA SLD Y	0.98	9.49	7.76
54	54	170	SISMA SLD Y	7.96	16.15	7.73
54	54	167	SISMA SLD Y	9.86	10.13	4.73
54	54	35	SISMA SLO X	1.05	5.73	9.73
54	54	38	SISMA SLO X	1.14	6.62	10.24
54	54	170	SISMA SLO X	3.54	7.49	9.23
54	54	167	SISMA SLO X	3.98	4.13	8.66
54	54	35	SISMA SLO Y	1.59	12.26	4.48
54	54	38	SISMA SLO Y	0.81	7.86	6.43
54	54	170	SISMA SLO Y	6.59	13.38	6.4
54	54	167	SISMA SLO Y	8.17	8.38	3.91
54	54	35	SLT	0.	0.	0.
54	54	38	SLT	0.	0.	0.
54	54	170	SLT	0.	0.	0.
54	54	167	SLT	0.	0.	0.
54	54	35	~TorsionSISMA SLV X	0.	0.	0.
54	54	38	~TorsionSISMA SLV X	0.	0.	0.
54	54	170	~TorsionSISMA SLV X	0.	0.	0.
54	54	167	~TorsionSISMA SLV X	0.	0.	0.
54	54	35	~TorsionSISMA SLV Y	0.	0.	0.
54	54	38	~TorsionSISMA SLV Y	0.	0.	0.
54	54	170	~TorsionSISMA SLV Y	0.	0.	0.
54	54	167	~TorsionSISMA SLV Y	0.	0.	0.
54	54	35	~TorsionSISMA SLD X	0.	0.	0.
54	54	38	~TorsionSISMA SLD X	0.	0.	0.
54	54	170	~TorsionSISMA SLD X	0.	0.	0.
54	54	167	~TorsionSISMA SLD X	0.	0.	0.
54	54	35	~TorsionSISMA SLD Y	0.	0.	0.
54	54	38	~TorsionSISMA SLD Y	0.	0.	0.
54	54	170	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
54	54	167	~TorsionSISMA SLD Y	0.	0.	0.
54	54	35	~TorsionSISMA SLO X	0.	0.	0.
54	54	38	~TorsionSISMA SLO X	0.	0.	0.
54	54	170	~TorsionSISMA SLO X	0.	0.	0.
54	54	167	~TorsionSISMA SLO X	0.	0.	0.
54	54	35	~TorsionSISMA SLO Y	0.	0.	0.
54	54	38	~TorsionSISMA SLO Y	0.	0.	0.
54	54	170	~TorsionSISMA SLO Y	0.	0.	0.
54	54	167	~TorsionSISMA SLO Y	0.	0.	0.
55	55	167	G1_K	-14.02	-68.65	1.32
55	55	170	G1_K	-4.57	-57.92	-15.91
55	55	39	G1_K	-18.26	-88.5	-15.04
55	55	36	G1_K	-27.72	-99.91	2.2
55	55	167	G2_K	-1.45	-10.99	21.41
55	55	170	G2_K	-0.2	-13.53	25.72
55	55	39	G2_K	5.44	-6.33	31.47
55	55	36	G2_K	4.15	-3.02	27.16
55	55	167	Q_K	-7.56	-14.92	0.54
55	55	170	Q_K	-1.03	-7.8	-10.22
55	55	39	Q_K	-9.87	-26.87	-8.94
55	55	36	Q_K	-16.4	-34.41	1.83
55	55	167	N_K	-0.91	-1.79	6.534E-02
55	55	170	N_K	-0.12	-0.94	-1.23
55	55	39	N_K	-1.18	-3.22	-1.07
55	55	36	N_K	-1.97	-4.13	0.22
55	55	167	T+_K	0.	0.	0.
55	55	170	T+_K	0.	0.	0.
55	55	39	T+_K	0.	0.	0.
55	55	36	T+_K	0.	0.	0.
55	55	167	T-_K	0.	0.	0.
55	55	170	T-_K	0.	0.	0.
55	55	39	T-_K	0.	0.	0.
55	55	36	T-_K	0.	0.	0.
55	55	167	G1_D	-18.23	-89.24	1.72
55	55	170	G1_D	-5.94	-75.29	-20.69
55	55	39	G1_D	-23.73	-115.05	-19.55
55	55	36	G1_D	-36.03	-129.88	2.86
55	55	167	G2_D	-1.89	-14.28	27.83
55	55	170	G2_D	-0.26	-17.59	33.43
55	55	39	G2_D	7.07	-8.23	40.91
55	55	36	G2_D	5.39	-3.93	35.31
55	55	167	Q_D	-11.34	-22.38	0.82
55	55	170	Q_D	-1.55	-11.7	-15.33
55	55	39	Q_D	-14.8	-40.3	-13.4
55	55	36	Q_D	-24.59	-51.62	2.74
55	55	167	N_D	-1.36	-2.69	9.800E-02
55	55	170	N_D	-0.19	-1.4	-1.84

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
55	55	39	N_D	-1.78	-4.84	-1.61
55	55	36	N_D	-2.95	-6.19	0.33
55	55	167	T+_D	0.	0.	0.
55	55	170	T+_D	0.	0.	0.
55	55	39	T+_D	0.	0.	0.
55	55	36	T+_D	0.	0.	0.
55	55	167	T-_D	0.	0.	0.
55	55	170	T-_D	0.	0.	0.
55	55	39	T-_D	0.	0.	0.
55	55	36	T-_D	0.	0.	0.
55	55	167	W+_K	0.	0.	0.
55	55	170	W+_K	0.	0.	0.
55	55	39	W+_K	0.	0.	0.
55	55	36	W+_K	0.	0.	0.
55	55	167	W-_K	0.	0.	0.
55	55	170	W-_K	0.	0.	0.
55	55	39	W-_K	0.	0.	0.
55	55	36	W-_K	0.	0.	0.
55	55	167	W+_D	0.	0.	0.
55	55	170	W+_D	0.	0.	0.
55	55	39	W+_D	0.	0.	0.
55	55	36	W+_D	0.	0.	0.
55	55	167	W-_D	0.	0.	0.
55	55	170	W-_D	0.	0.	0.
55	55	39	W-_D	0.	0.	0.
55	55	36	W-_D	0.	0.	0.
55	55	167	SISMA SLV X	9.92	8.44	23.72
55	55	170	SISMA SLV X	7.59	11.68	22.44
55	55	39	SISMA SLV X	11.97	23.09	24.6
55	55	36	SISMA SLV X	14.96	23.43	26.28
55	55	167	SISMA SLV Y	20.1	15.06	10.62
55	55	170	SISMA SLV Y	11.	13.09	15.91
55	55	39	SISMA SLV Y	20.66	46.11	14.82
55	55	36	SISMA SLV Y	30.02	47.81	12.16
55	55	167	SISMA SLD X	4.85	4.12	11.59
55	55	170	SISMA SLD X	3.7	5.7	10.96
55	55	39	SISMA SLD X	5.84	11.28	12.01
55	55	36	SISMA SLD X	7.31	11.44	12.84
55	55	167	SISMA SLD Y	9.82	7.35	5.18
55	55	170	SISMA SLD Y	5.37	6.39	7.77
55	55	39	SISMA SLD Y	10.09	22.52	7.24
55	55	36	SISMA SLD Y	14.66	23.35	5.94
55	55	167	SISMA SLO X	4.01	3.41	9.6
55	55	170	SISMA SLO X	3.06	4.72	9.08
55	55	39	SISMA SLO X	4.84	9.34	9.95
55	55	36	SISMA SLO X	6.05	9.48	10.63
55	55	167	SISMA SLO Y	8.13	6.08	4.29
55	55	170	SISMA SLO Y	4.45	5.29	6.44
55	55	39	SISMA SLO Y	8.36	18.65	6.
55	55	36	SISMA SLO Y	12.14	19.34	4.92
55	55	167	SLT	0.	0.	0.
55	55	170	SLT	0.	0.	0.
55	55	39	SLT	0.	0.	0.
55	55	36	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
55	55	167	~TorsionSISMA SLV X	0.	0.	0.
55	55	170	~TorsionSISMA SLV X	0.	0.	0.
55	55	39	~TorsionSISMA SLV X	0.	0.	0.
55	55	36	~TorsionSISMA SLV X	0.	0.	0.
55	55	167	~TorsionSISMA SLV Y	0.	0.	0.
55	55	170	~TorsionSISMA SLV Y	0.	0.	0.
55	55	39	~TorsionSISMA SLV Y	0.	0.	0.
55	55	36	~TorsionSISMA SLV Y	0.	0.	0.
55	55	167	~TorsionSISMA SLD X	0.	0.	0.
55	55	170	~TorsionSISMA SLD X	0.	0.	0.
55	55	39	~TorsionSISMA SLD X	0.	0.	0.
55	55	36	~TorsionSISMA SLD X	0.	0.	0.
55	55	167	~TorsionSISMA SLD Y	0.	0.	0.
55	55	170	~TorsionSISMA SLD Y	0.	0.	0.
55	55	39	~TorsionSISMA SLD Y	0.	0.	0.
55	55	36	~TorsionSISMA SLD Y	0.	0.	0.
55	55	167	~TorsionSISMA SLO X	0.	0.	0.
55	55	170	~TorsionSISMA SLO X	0.	0.	0.
55	55	39	~TorsionSISMA SLO X	0.	0.	0.
55	55	36	~TorsionSISMA SLO X	0.	0.	0.
55	55	167	~TorsionSISMA SLO Y	0.	0.	0.
55	55	170	~TorsionSISMA SLO Y	0.	0.	0.
55	55	39	~TorsionSISMA SLO Y	0.	0.	0.
55	55	36	~TorsionSISMA SLO Y	0.	0.	0.
56	56	36	G1_K	-26.17	-87.09	-1.2
56	56	39	G1_K	-13.13	-67.96	-11.25
56	56	171	G1_K	-29.28	-105.66	-10.55
56	56	168	G1_K	-42.36	-124.4	-0.5
56	56	36	G2_K	2.72	-11.99	28.91
56	56	39	G2_K	4.2	-10.65	23.94
56	56	171	G2_K	4.62	-0.26	29.26
56	56	168	G2_K	3.11	-0.75	34.23
56	56	36	Q_K	-17.04	-34.36	-0.34
56	56	39	Q_K	-8.42	-22.91	-6.34
56	56	171	Q_K	-17.7	-46.59	-5.92

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
56	56	168	Q_K	-26.36	-57.81	7.032E-02
56	56	36	N_K	-2.05	-4.12	-4.098E-02
56	56	39	N_K	-1.01	-2.75	-0.76
56	56	171	N_K	-2.12	-5.59	-0.71
56	56	168	N_K	-3.16	-6.94	8.438E-03
56	56	36	T+_K	0.	0.	0.
56	56	39	T+_K	0.	0.	0.
56	56	171	T+_K	0.	0.	0.
56	56	168	T+_K	0.	0.	0.
56	56	36	T-_K	0.	0.	0.
56	56	39	T-_K	0.	0.	0.
56	56	171	T-_K	0.	0.	0.
56	56	168	T-_K	0.	0.	0.
56	56	36	G1_D	-34.02	-113.22	-1.56
56	56	39	G1_D	-17.07	-88.35	-14.62
56	56	171	G1_D	-38.06	-137.36	-13.72
56	56	168	G1_D	-55.07	-161.72	-0.65
56	56	36	G2_D	3.54	-15.59	37.59
56	56	39	G2_D	5.47	-13.85	31.13
56	56	171	G2_D	6.	-0.34	38.04
56	56	168	G2_D	4.04	-0.98	44.5
56	56	36	Q_D	-25.56	-51.54	-0.51
56	56	39	Q_D	-12.63	-34.36	-9.5
56	56	171	Q_D	-26.55	-69.88	-8.89
56	56	168	Q_D	-39.53	-86.71	0.11
56	56	36	N_D	-3.07	-6.19	-6.146E-02
56	56	39	N_D	-1.52	-4.12	-1.14
56	56	171	N_D	-3.19	-8.39	-1.07
56	56	168	N_D	-4.74	-10.41	1.266E-02
56	56	36	T+_D	0.	0.	0.
56	56	39	T+_D	0.	0.	0.
56	56	171	T+_D	0.	0.	0.
56	56	168	T+_D	0.	0.	0.
56	56	36	T-_D	0.	0.	0.
56	56	39	T-_D	0.	0.	0.
56	56	171	T-_D	0.	0.	0.
56	56	168	T-_D	0.	0.	0.
56	56	36	W+_K	0.	0.	0.
56	56	39	W+_K	0.	0.	0.
56	56	171	W+_K	0.	0.	0.
56	56	168	W+_K	0.	0.	0.
56	56	36	W-_K	0.	0.	0.
56	56	39	W-_K	0.	0.	0.
56	56	171	W-_K	0.	0.	0.
56	56	168	W-_K	0.	0.	0.
56	56	36	W+_D	0.	0.	0.
56	56	39	W+_D	0.	0.	0.
56	56	171	W+_D	0.	0.	0.
56	56	168	W+_D	0.	0.	0.
56	56	36	W-_D	0.	0.	0.
56	56	39	W-_D	0.	0.	0.
56	56	171	W-_D	0.	0.	0.
56	56	168	W-_D	0.	0.	0.
56	56	36	SISMA SLV X	14.67	21.16	24.93

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
56	56	39	SISMA SLV X	11.23	16.4	23.72
56	56	171	SISMA SLV X	10.84	21.65	24.02
56	56	168	SISMA SLV X	15.16	26.75	25.53
56	56	36	SISMA SLV Y	28.99	41.33	11.05
56	56	39	SISMA SLV Y	17.38	30.56	12.37
56	56	171	SISMA SLV Y	16.52	41.52	10.75
56	56	168	SISMA SLV Y	28.41	52.01	12.38
56	56	36	SISMA SLD X	7.17	10.34	12.17
56	56	39	SISMA SLD X	5.49	8.01	11.59
56	56	171	SISMA SLD X	5.29	10.57	11.73
56	56	168	SISMA SLD X	7.41	13.06	12.47
56	56	36	SISMA SLD Y	14.16	20.19	5.39
56	56	39	SISMA SLD Y	8.49	14.92	6.04
56	56	171	SISMA SLD Y	8.07	20.28	5.25
56	56	168	SISMA SLD Y	13.87	25.4	6.05
56	56	36	SISMA SLO X	5.93	8.56	10.09
56	56	39	SISMA SLO X	4.54	6.63	9.6
56	56	171	SISMA SLO X	4.38	8.76	9.72
56	56	168	SISMA SLO X	6.13	10.82	10.33
56	56	36	SISMA SLO Y	11.72	16.72	4.47
56	56	39	SISMA SLO Y	7.03	12.36	5.01
56	56	171	SISMA SLO Y	6.68	16.79	4.35
56	56	168	SISMA SLO Y	11.49	21.04	5.01
56	56	36	SLT	0.	0.	0.
56	56	39	SLT	0.	0.	0.
56	56	171	SLT	0.	0.	0.
56	56	168	SLT	0.	0.	0.
56	56	36	~TorsionSISMA SLV X	0.	0.	0.
56	56	39	~TorsionSISMA SLV X	0.	0.	0.
56	56	171	~TorsionSISMA SLV X	0.	0.	0.
56	56	168	~TorsionSISMA SLV X	0.	0.	0.
56	56	36	~TorsionSISMA SLV Y	0.	0.	0.
56	56	39	~TorsionSISMA SLV Y	0.	0.	0.
56	56	171	~TorsionSISMA SLV Y	0.	0.	0.
56	56	168	~TorsionSISMA SLV Y	0.	0.	0.
56	56	36	~TorsionSISMA SLD X	0.	0.	0.
56	56	39	~TorsionSISMA SLD X	0.	0.	0.
56	56	171	~TorsionSISMA SLD X	0.	0.	0.
56	56	168	~TorsionSISMA SLD X	0.	0.	0.
56	56	36	~TorsionSISMA SLD Y	0.	0.	0.
56	56	39	~TorsionSISMA SLD Y	0.	0.	0.
56	56	171	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
56	56	168	~TorsionSISMA SLD Y	0.	0.	0.
56	56	36	~TorsionSISMA SLO X	0.	0.	0.
56	56	39	~TorsionSISMA SLO X	0.	0.	0.
56	56	171	~TorsionSISMA SLO X	0.	0.	0.
56	56	168	~TorsionSISMA SLO X	0.	0.	0.
56	56	36	~TorsionSISMA SLO Y	0.	0.	0.
56	56	39	~TorsionSISMA SLO Y	0.	0.	0.
56	56	171	~TorsionSISMA SLO Y	0.	0.	0.
56	56	168	~TorsionSISMA SLO Y	0.	0.	0.
57	57	168	G1_K	-45.52	-138.13	-8.6
57	57	171	G1_K	-25.19	-87.27	-4.04
57	57	40	G1_K	-41.17	-132.93	13.61
57	57	37	G1_K	-61.41	-186.11	9.05
57	57	168	G2_K	4.9	4.	33.73
57	57	171	G2_K	2.57	-6.25	24.51
57	57	40	G2_K	1.26	7.57	25.07
57	57	37	G2_K	3.57	19.13	34.28
57	57	168	Q_K	-30.16	-75.69	-5.11
57	57	171	Q_K	-16.86	-43.55	-1.72
57	57	40	Q_K	-25.62	-72.46	9.68
57	57	37	Q_K	-38.86	-106.08	6.28
57	57	168	N_K	-3.62	-9.08	-0.61
57	57	171	N_K	-2.02	-5.23	-0.21
57	57	40	N_K	-3.07	-8.69	1.16
57	57	37	N_K	-4.66	-12.73	0.75
57	57	168	T+_K	0.	0.	0.
57	57	171	T+_K	0.	0.	0.
57	57	40	T+_K	0.	0.	0.
57	57	37	T+_K	0.	0.	0.
57	57	168	T-_K	0.	0.	0.
57	57	171	T-_K	0.	0.	0.
57	57	40	T-_K	0.	0.	0.
57	57	37	T-_K	0.	0.	0.
57	57	168	G1_D	-59.18	-179.57	-11.18
57	57	171	G1_D	-32.74	-113.45	-5.26
57	57	40	G1_D	-53.52	-172.81	17.7
57	57	37	G1_D	-79.83	-241.94	11.77
57	57	168	G2_D	6.37	5.2	43.84
57	57	171	G2_D	3.35	-8.12	31.86
57	57	40	G2_D	1.64	9.85	32.59
57	57	37	G2_D	4.64	24.87	44.57
57	57	168	Q_D	-45.25	-113.54	-7.67
57	57	171	Q_D	-25.29	-65.33	-2.58
57	57	40	Q_D	-38.43	-108.68	14.51
57	57	37	Q_D	-58.29	-159.12	9.42
57	57	168	N_D	-5.43	-13.62	-0.92
57	57	171	N_D	-3.03	-7.84	-0.31

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
57	57	40	N_D	-4.61	-13.04	1.74
57	57	37	N_D	-7.	-19.09	1.13
57	57	168	T+_D	0.	0.	0.
57	57	171	T+_D	0.	0.	0.
57	57	40	T+_D	0.	0.	0.
57	57	37	T+_D	0.	0.	0.
57	57	168	T-_D	0.	0.	0.
57	57	171	T-_D	0.	0.	0.
57	57	40	T-_D	0.	0.	0.
57	57	37	T-_D	0.	0.	0.
57	57	168	W+_K	0.	0.	0.
57	57	171	W+_K	0.	0.	0.
57	57	40	W+_K	0.	0.	0.
57	57	37	W+_K	0.	0.	0.
57	57	168	W-_K	0.	0.	0.
57	57	171	W-_K	0.	0.	0.
57	57	40	W-_K	0.	0.	0.
57	57	37	W-_K	0.	0.	0.
57	57	168	W+_D	0.	0.	0.
57	57	171	W+_D	0.	0.	0.
57	57	40	W+_D	0.	0.	0.
57	57	37	W+_D	0.	0.	0.
57	57	168	W-_D	0.	0.	0.
57	57	171	W-_D	0.	0.	0.
57	57	40	W-_D	0.	0.	0.
57	57	37	W-_D	0.	0.	0.
57	57	168	SISMA SLV X	15.02	27.94	24.18
57	57	171	SISMA SLV X	10.88	20.33	22.57
57	57	40	SISMA SLV X	6.05	16.17	25.59
57	57	37	SISMA SLV X	11.75	23.96	26.81
57	57	168	SISMA SLV Y	26.79	49.27	10.72
57	57	171	SISMA SLV Y	16.79	37.22	11.09
57	57	40	SISMA SLV Y	2.37	20.36	15.93
57	57	37	SISMA SLV Y	11.26	32.26	13.12
57	57	168	SISMA SLD X	7.33	13.65	11.81
57	57	171	SISMA SLD X	5.31	9.93	11.02
57	57	40	SISMA SLD X	2.96	7.9	12.5
57	57	37	SISMA SLD X	5.74	11.7	13.09
57	57	168	SISMA SLD Y	13.08	24.06	5.24
57	57	171	SISMA SLD Y	8.2	18.18	5.42
57	57	40	SISMA SLD Y	1.16	9.94	7.78
57	57	37	SISMA SLD Y	5.5	15.75	6.41
57	57	168	SISMA SLO X	6.07	11.3	9.78
57	57	171	SISMA SLO X	4.4	8.22	9.13
57	57	40	SISMA SLO X	2.45	6.54	10.35
57	57	37	SISMA SLO X	4.76	9.7	10.85
57	57	168	SISMA SLO Y	10.83	19.93	4.34
57	57	171	SISMA SLO Y	6.79	15.05	4.49
57	57	40	SISMA SLO Y	0.96	8.23	6.44
57	57	37	SISMA SLO Y	4.55	13.05	5.31
57	57	168	SLT	0.	0.	0.
57	57	171	SLT	0.	0.	0.
57	57	40	SLT	0.	0.	0.
57	57	37	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
57	57	168	~TorsionSISMA SLV X	0.	0.	0.
57	57	171	~TorsionSISMA SLV X	0.	0.	0.
57	57	40	~TorsionSISMA SLV X	0.	0.	0.
57	57	37	~TorsionSISMA SLV X	0.	0.	0.
57	57	168	~TorsionSISMA SLV Y	0.	0.	0.
57	57	171	~TorsionSISMA SLV Y	0.	0.	0.
57	57	40	~TorsionSISMA SLV Y	0.	0.	0.
57	57	37	~TorsionSISMA SLV Y	0.	0.	0.
57	57	168	~TorsionSISMA SLD X	0.	0.	0.
57	57	171	~TorsionSISMA SLD X	0.	0.	0.
57	57	40	~TorsionSISMA SLD X	0.	0.	0.
57	57	37	~TorsionSISMA SLD X	0.	0.	0.
57	57	168	~TorsionSISMA SLD Y	0.	0.	0.
57	57	171	~TorsionSISMA SLD Y	0.	0.	0.
57	57	40	~TorsionSISMA SLD Y	0.	0.	0.
57	57	37	~TorsionSISMA SLD Y	0.	0.	0.
57	57	168	~TorsionSISMA SLO X	0.	0.	0.
57	57	171	~TorsionSISMA SLO X	0.	0.	0.
57	57	40	~TorsionSISMA SLO X	0.	0.	0.
57	57	37	~TorsionSISMA SLO X	0.	0.	0.
57	57	168	~TorsionSISMA SLO Y	0.	0.	0.
57	57	171	~TorsionSISMA SLO Y	0.	0.	0.
57	57	40	~TorsionSISMA SLO Y	0.	0.	0.
57	57	37	~TorsionSISMA SLO Y	0.	0.	0.
58	58	37	G1_K	-71.75	-232.87	-18.17
58	58	40	G1_K	-42.21	-143.04	38.57
58	58	115	G1_K	-34.97	-199.12	69.88
58	58	117	G1_K	-64.52	-290.3	13.14
58	58	37	G2_K	6.81	25.87	32.41
58	58	40	G2_K	-2.33	-0.92	27.6
58	58	115	G2_K	-3.95	15.04	13.42
58	58	117	G2_K	5.21	43.35	18.23
58	58	37	Q_K	-47.21	-144.83	-11.07
58	58	40	Q_K	-28.09	-87.77	25.59
58	58	115	Q_K	-21.98	-123.48	45.41

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
58	58	117	Q_K	-41.11	-181.4	8.75
58	58	37	N_K	-5.67	-17.38	-1.33
58	58	40	N_K	-3.37	-10.53	3.07
58	58	115	N_K	-2.64	-14.82	5.45
58	58	117	N_K	-4.93	-21.77	1.05
58	58	37	T+_K	0.	0.	0.
58	58	40	T+_K	0.	0.	0.
58	58	115	T+_K	0.	0.	0.
58	58	117	T+_K	0.	0.	0.
58	58	37	T-_K	0.	0.	0.
58	58	40	T-_K	0.	0.	0.
58	58	115	T-_K	0.	0.	0.
58	58	117	T-_K	0.	0.	0.
58	58	37	G1_D	-93.28	-302.74	-23.62
58	58	40	G1_D	-54.87	-185.96	50.14
58	58	115	G1_D	-45.46	-258.86	90.84
58	58	117	G1_D	-83.88	-377.38	17.08
58	58	37	G2_D	8.86	33.63	42.14
58	58	40	G2_D	-3.03	-1.2	35.88
58	58	115	G2_D	-5.14	19.55	17.45
58	58	117	G2_D	6.77	56.36	23.7
58	58	37	Q_D	-70.82	-217.25	-16.6
58	58	40	Q_D	-42.13	-131.65	38.38
58	58	115	Q_D	-32.97	-185.22	68.11
58	58	117	Q_D	-61.66	-272.09	13.12
58	58	37	N_D	-8.5	-26.07	-1.99
58	58	40	N_D	-5.06	-15.8	4.61
58	58	115	N_D	-3.96	-22.23	8.17
58	58	117	N_D	-7.4	-32.65	1.57
58	58	37	T+_D	0.	0.	0.
58	58	40	T+_D	0.	0.	0.
58	58	115	T+_D	0.	0.	0.
58	58	117	T+_D	0.	0.	0.
58	58	37	T-_D	0.	0.	0.
58	58	40	T-_D	0.	0.	0.
58	58	115	T-_D	0.	0.	0.
58	58	117	T-_D	0.	0.	0.
58	58	37	W+_K	0.	0.	0.
58	58	40	W+_K	0.	0.	0.
58	58	115	W+_K	0.	0.	0.
58	58	117	W+_K	0.	0.	0.
58	58	37	W-_K	0.	0.	0.
58	58	40	W-_K	0.	0.	0.
58	58	115	W-_K	0.	0.	0.
58	58	117	W-_K	0.	0.	0.
58	58	37	W+_D	0.	0.	0.
58	58	40	W+_D	0.	0.	0.
58	58	115	W+_D	0.	0.	0.
58	58	117	W+_D	0.	0.	0.
58	58	37	W-_D	0.	0.	0.
58	58	40	W-_D	0.	0.	0.
58	58	115	W-_D	0.	0.	0.
58	58	117	W-_D	0.	0.	0.
58	58	37	SISMA SLV X	12.94	30.95	23.32

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
58	58	40	SISMA SLV X	6.63	23.88	30.28
58	58	115	SISMA SLV X	11.65	24.3	26.25
58	58	117	SISMA SLV X	14.72	31.68	18.03
58	58	37	SISMA SLV Y	9.09	30.38	10.72
58	58	40	SISMA SLV Y	5.21	31.52	20.81
58	58	115	SISMA SLV Y	26.14	20.68	18.82
58	58	117	SISMA SLV Y	24.57	25.43	8.29
58	58	37	SISMA SLD X	6.32	15.12	11.39
58	58	40	SISMA SLD X	3.24	11.66	14.79
58	58	115	SISMA SLD X	5.69	11.87	12.82
58	58	117	SISMA SLD X	7.19	15.47	8.8
58	58	37	SISMA SLD Y	4.44	14.84	5.24
58	58	40	SISMA SLD Y	2.54	15.39	10.16
58	58	115	SISMA SLD Y	12.76	10.1	9.19
58	58	117	SISMA SLD Y	12.	12.42	4.05
58	58	37	SISMA SLO X	5.24	12.53	9.44
58	58	40	SISMA SLO X	2.68	9.66	12.25
58	58	115	SISMA SLO X	4.71	9.83	10.62
58	58	117	SISMA SLO X	5.95	12.82	7.29
58	58	37	SISMA SLO Y	3.67	12.28	4.34
58	58	40	SISMA SLO Y	2.11	12.75	8.42
58	58	115	SISMA SLO Y	10.57	8.36	7.61
58	58	117	SISMA SLO Y	9.94	10.28	3.35
58	58	37	SLT	0.	0.	0.
58	58	40	SLT	0.	0.	0.
58	58	115	SLT	0.	0.	0.
58	58	117	SLT	0.	0.	0.
58	58	37	~TorsionSISMA SLV X	0.	0.	0.
58	58	40	~TorsionSISMA SLV X	0.	0.	0.
58	58	115	~TorsionSISMA SLV X	0.	0.	0.
58	58	117	~TorsionSISMA SLV X	0.	0.	0.
58	58	37	~TorsionSISMA SLV Y	0.	0.	0.
58	58	40	~TorsionSISMA SLV Y	0.	0.	0.
58	58	115	~TorsionSISMA SLV Y	0.	0.	0.
58	58	117	~TorsionSISMA SLV Y	0.	0.	0.
58	58	37	~TorsionSISMA SLD X	0.	0.	0.
58	58	40	~TorsionSISMA SLD X	0.	0.	0.
58	58	115	~TorsionSISMA SLD X	0.	0.	0.
58	58	117	~TorsionSISMA SLD X	0.	0.	0.
58	58	37	~TorsionSISMA SLD Y	0.	0.	0.
58	58	40	~TorsionSISMA SLD Y	0.	0.	0.
58	58	115	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
58	58	117	~TorsionSISMA SLD Y	0.	0.	0.
58	58	37	~TorsionSISMA SLO X	0.	0.	0.
58	58	40	~TorsionSISMA SLO X	0.	0.	0.
58	58	115	~TorsionSISMA SLO X	0.	0.	0.
58	58	117	~TorsionSISMA SLO X	0.	0.	0.
58	58	37	~TorsionSISMA SLO Y	0.	0.	0.
58	58	40	~TorsionSISMA SLO Y	0.	0.	0.
58	58	115	~TorsionSISMA SLO Y	0.	0.	0.
58	58	117	~TorsionSISMA SLO Y	0.	0.	0.
59	59	169	G1_K	-11.36	-53.55	1.53
59	59	99	G1_K	-14.71	-76.8	7.38
59	59	41	G1_K	-5.95	-95.68	8.26
59	59	38	G1_K	-2.69	-71.41	2.42
59	59	169	G2_K	-1.05	-8.77	20.39
59	59	99	G2_K	-11.22	-52.58	11.22
59	59	41	G2_K	-12.45	-51.6	31.34
59	59	38	G2_K	-2.22	-7.97	40.5
59	59	169	Q_K	-0.7	3.58	-0.52
59	59	99	Q_K	-0.39	-9.01	1.93
59	59	41	Q_K	2.22	-14.55	0.14
59	59	38	Q_K	1.79	-1.5	-2.31
59	59	169	N_K	-8.385E-02	0.43	-6.250E-02
59	59	99	N_K	-4.648E-02	-1.08	0.23
59	59	41	N_K	0.27	-1.75	1.726E-02
59	59	38	N_K	0.22	-0.18	-0.28
59	59	169	T+_K	0.	0.	0.
59	59	99	T+_K	0.	0.	0.
59	59	41	T+_K	0.	0.	0.
59	59	38	T+_K	0.	0.	0.
59	59	169	T-_K	0.	0.	0.
59	59	99	T-_K	0.	0.	0.
59	59	41	T-_K	0.	0.	0.
59	59	38	T-_K	0.	0.	0.
59	59	169	G1_D	-14.77	-69.61	1.99
59	59	99	G1_D	-19.12	-99.84	9.59
59	59	41	G1_D	-7.73	-124.39	10.74
59	59	38	G1_D	-3.5	-92.83	3.14
59	59	169	G2_D	-1.36	-11.41	26.5
59	59	99	G2_D	-14.59	-68.35	14.59
59	59	41	G2_D	-16.18	-67.09	40.74
59	59	38	G2_D	-2.89	-10.37	52.65
59	59	169	Q_D	-1.05	5.37	-0.78
59	59	99	Q_D	-0.58	-13.51	2.89
59	59	41	Q_D	3.32	-21.82	0.22
59	59	38	Q_D	2.69	-2.26	-3.46
59	59	169	N_D	-0.13	0.64	-9.375E-02
59	59	99	N_D	-6.973E-02	-1.62	0.35

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
59	59	41	N_D	0.4	-2.62	2.589E-02
59	59	38	N_D	0.32	-0.27	-0.42
59	59	169	T+_D	0.	0.	0.
59	59	99	T+_D	0.	0.	0.
59	59	41	T+_D	0.	0.	0.
59	59	38	T+_D	0.	0.	0.
59	59	169	T-_D	0.	0.	0.
59	59	99	T-_D	0.	0.	0.
59	59	41	T-_D	0.	0.	0.
59	59	38	T-_D	0.	0.	0.
59	59	169	W+_K	0.	0.	0.
59	59	99	W+_K	0.	0.	0.
59	59	41	W+_K	0.	0.	0.
59	59	38	W+_K	0.	0.	0.
59	59	169	W-_K	0.	0.	0.
59	59	99	W-_K	0.	0.	0.
59	59	41	W-_K	0.	0.	0.
59	59	38	W-_K	0.	0.	0.
59	59	169	W+_D	0.	0.	0.
59	59	99	W+_D	0.	0.	0.
59	59	41	W+_D	0.	0.	0.
59	59	38	W+_D	0.	0.	0.
59	59	169	W-_D	0.	0.	0.
59	59	99	W-_D	0.	0.	0.
59	59	41	W-_D	0.	0.	0.
59	59	38	W-_D	0.	0.	0.
59	59	169	SISMA SLV X	5.54	30.42	13.47
59	59	99	SISMA SLV X	9.01	45.09	10.79
59	59	41	SISMA SLV X	5.09	44.	31.05
59	59	38	SISMA SLV X	2.81	12.85	33.87
59	59	169	SISMA SLV Y	9.	51.77	6.24
59	59	99	SISMA SLV Y	4.65	24.15	4.74
59	59	41	SISMA SLV Y	5.27	54.55	17.67
59	59	38	SISMA SLV Y	4.73	11.17	19.91
59	59	169	SISMA SLD X	2.7	14.86	6.58
59	59	99	SISMA SLD X	4.4	22.02	5.27
59	59	41	SISMA SLD X	2.48	21.49	15.16
59	59	38	SISMA SLD X	1.37	6.28	16.54
59	59	169	SISMA SLD Y	4.4	25.28	3.05
59	59	99	SISMA SLD Y	2.27	11.79	2.32
59	59	41	SISMA SLD Y	2.57	26.64	8.63
59	59	38	SISMA SLD Y	2.31	5.45	9.73
59	59	169	SISMA SLO X	2.24	12.3	5.45
59	59	99	SISMA SLO X	3.65	18.24	4.36
59	59	41	SISMA SLO X	2.06	17.8	12.56
59	59	38	SISMA SLO X	1.14	5.2	13.7
59	59	169	SISMA SLO Y	3.64	20.93	2.53
59	59	99	SISMA SLO Y	1.88	9.76	1.92
59	59	41	SISMA SLO Y	2.13	22.06	7.15
59	59	38	SISMA SLO Y	1.91	4.51	8.06
59	59	169	SLT	0.	0.	0.
59	59	99	SLT	0.	0.	0.
59	59	41	SLT	0.	0.	0.
59	59	38	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
59	59	169	~TorsionSISMA SLV X	0.	0.	0.
59	59	99	~TorsionSISMA SLV X	0.	0.	0.
59	59	41	~TorsionSISMA SLV X	0.	0.	0.
59	59	38	~TorsionSISMA SLV X	0.	0.	0.
59	59	169	~TorsionSISMA SLV Y	0.	0.	0.
59	59	99	~TorsionSISMA SLV Y	0.	0.	0.
59	59	41	~TorsionSISMA SLV Y	0.	0.	0.
59	59	38	~TorsionSISMA SLV Y	0.	0.	0.
59	59	169	~TorsionSISMA SLD X	0.	0.	0.
59	59	99	~TorsionSISMA SLD X	0.	0.	0.
59	59	41	~TorsionSISMA SLD X	0.	0.	0.
59	59	38	~TorsionSISMA SLD X	0.	0.	0.
59	59	169	~TorsionSISMA SLD Y	0.	0.	0.
59	59	99	~TorsionSISMA SLD Y	0.	0.	0.
59	59	41	~TorsionSISMA SLD Y	0.	0.	0.
59	59	38	~TorsionSISMA SLD Y	0.	0.	0.
59	59	169	~TorsionSISMA SLO X	0.	0.	0.
59	59	99	~TorsionSISMA SLO X	0.	0.	0.
59	59	41	~TorsionSISMA SLO X	0.	0.	0.
59	59	38	~TorsionSISMA SLO X	0.	0.	0.
59	59	169	~TorsionSISMA SLO Y	0.	0.	0.
59	59	99	~TorsionSISMA SLO Y	0.	0.	0.
59	59	41	~TorsionSISMA SLO Y	0.	0.	0.
59	59	38	~TorsionSISMA SLO Y	0.	0.	0.
60	60	38	G1_K	-7.16	-72.33	-2.09
60	60	41	G1_K	3.26	-71.08	2.33
60	60	152	G1_K	14.72	-70.94	-3.94
60	60	170	G1_K	4.03	-72.32	-8.36
60	60	38	G2_K	-2.5	-13.07	33.3
60	60	41	G2_K	-10.78	-39.54	23.62
60	60	152	G2_K	-7.28	-34.12	18.34
60	60	170	G2_K	1.	-7.7	28.01
60	60	38	Q_K	-3.08	-9.02	-4.46
60	60	41	Q_K	6.8	-8.46	-0.16
60	60	152	Q_K	13.61	-8.91	-1.8

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
60	60	170	Q_K	3.57	-9.55	-6.1
60	60	38	N_K	-0.37	-1.08	-0.54
60	60	41	N_K	0.82	-1.02	-1.971E-02
60	60	152	N_K	1.63	-1.07	-0.22
60	60	170	N_K	0.43	-1.15	-0.73
60	60	38	T+_K	0.	0.	0.
60	60	41	T+_K	0.	0.	0.
60	60	152	T+_K	0.	0.	0.
60	60	170	T+_K	0.	0.	0.
60	60	38	T-_K	0.	0.	0.
60	60	41	T-_K	0.	0.	0.
60	60	152	T-_K	0.	0.	0.
60	60	170	T-_K	0.	0.	0.
60	60	38	G1_D	-9.31	-94.02	-2.72
60	60	41	G1_D	4.24	-92.4	3.03
60	60	152	G1_D	19.14	-92.22	-5.12
60	60	170	G1_D	5.24	-94.02	-10.87
60	60	38	G2_D	-3.25	-16.99	43.29
60	60	41	G2_D	-14.01	-51.4	30.7
60	60	152	G2_D	-9.47	-44.35	23.84
60	60	170	G2_D	1.3	-10.01	36.42
60	60	38	Q_D	-4.63	-13.53	-6.69
60	60	41	Q_D	10.21	-12.7	-0.25
60	60	152	Q_D	20.42	-13.37	-2.7
60	60	170	Q_D	5.36	-14.33	-9.14
60	60	38	N_D	-0.56	-1.62	-0.8
60	60	41	N_D	1.22	-1.52	-2.957E-02
60	60	152	N_D	2.45	-1.6	-0.32
60	60	170	N_D	0.64	-1.72	-1.1
60	60	38	T+_D	0.	0.	0.
60	60	41	T+_D	0.	0.	0.
60	60	152	T+_D	0.	0.	0.
60	60	170	T+_D	0.	0.	0.
60	60	38	T-_D	0.	0.	0.
60	60	41	T-_D	0.	0.	0.
60	60	152	T-_D	0.	0.	0.
60	60	170	T-_D	0.	0.	0.
60	60	38	W+_K	0.	0.	0.
60	60	41	W+_K	0.	0.	0.
60	60	152	W+_K	0.	0.	0.
60	60	170	W+_K	0.	0.	0.
60	60	38	W-_K	0.	0.	0.
60	60	41	W-_K	0.	0.	0.
60	60	152	W-_K	0.	0.	0.
60	60	170	W-_K	0.	0.	0.
60	60	38	W+_D	0.	0.	0.
60	60	41	W+_D	0.	0.	0.
60	60	152	W+_D	0.	0.	0.
60	60	170	W+_D	0.	0.	0.
60	60	38	W-_D	0.	0.	0.
60	60	41	W-_D	0.	0.	0.
60	60	152	W-_D	0.	0.	0.
60	60	170	W-_D	0.	0.	0.
60	60	38	SISMA SLV X	3.35	17.48	27.64

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
60	60	41	SISMA SLV X	5.09	36.62	25.37
60	60	152	SISMA SLV X	10.16	31.21	23.02
60	60	170	SISMA SLV X	10.26	9.86	25.36
60	60	38	SISMA SLV Y	2.59	9.65	18.73
60	60	41	SISMA SLV Y	6.43	29.22	16.15
60	60	152	SISMA SLV Y	7.44	46.03	18.76
60	60	170	SISMA SLV Y	5.12	16.88	21.5
60	60	38	SISMA SLD X	1.64	8.54	13.5
60	60	41	SISMA SLD X	2.49	17.89	12.39
60	60	152	SISMA SLD X	4.96	15.24	11.24
60	60	170	SISMA SLD X	5.01	4.81	12.39
60	60	38	SISMA SLD Y	1.27	4.71	9.15
60	60	41	SISMA SLD Y	3.14	14.27	7.89
60	60	152	SISMA SLD Y	3.63	22.48	9.16
60	60	170	SISMA SLD Y	2.5	8.24	10.5
60	60	38	SISMA SLO X	1.35	7.07	11.18
60	60	41	SISMA SLO X	2.06	14.82	10.27
60	60	152	SISMA SLO X	4.11	12.62	9.32
60	60	170	SISMA SLO X	4.15	3.99	10.26
60	60	38	SISMA SLO Y	1.05	3.9	7.58
60	60	41	SISMA SLO Y	2.6	11.82	6.54
60	60	152	SISMA SLO Y	3.01	18.62	7.59
60	60	170	SISMA SLO Y	2.07	6.82	8.7
60	60	38	SLT	0.	0.	0.
60	60	41	SLT	0.	0.	0.
60	60	152	SLT	0.	0.	0.
60	60	170	SLT	0.	0.	0.
60	60	38	~TorsionSISMA SLV X	0.	0.	0.
60	60	41	~TorsionSISMA SLV X	0.	0.	0.
60	60	152	~TorsionSISMA SLV X	0.	0.	0.
60	60	170	~TorsionSISMA SLV X	0.	0.	0.
60	60	38	~TorsionSISMA SLV Y	0.	0.	0.
60	60	41	~TorsionSISMA SLV Y	0.	0.	0.
60	60	152	~TorsionSISMA SLV Y	0.	0.	0.
60	60	170	~TorsionSISMA SLV Y	0.	0.	0.
60	60	38	~TorsionSISMA SLD X	0.	0.	0.
60	60	41	~TorsionSISMA SLD X	0.	0.	0.
60	60	152	~TorsionSISMA SLD X	0.	0.	0.
60	60	170	~TorsionSISMA SLD X	0.	0.	0.
60	60	38	~TorsionSISMA SLD Y	0.	0.	0.
60	60	41	~TorsionSISMA SLD Y	0.	0.	0.
60	60	152	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
60	60	170	~TorsionSISMA SLD Y	0.	0.	0.
60	60	38	~TorsionSISMA SLO X	0.	0.	0.
60	60	41	~TorsionSISMA SLO X	0.	0.	0.
60	60	152	~TorsionSISMA SLO X	0.	0.	0.
60	60	170	~TorsionSISMA SLO X	0.	0.	0.
60	60	38	~TorsionSISMA SLO Y	0.	0.	0.
60	60	41	~TorsionSISMA SLO Y	0.	0.	0.
60	60	152	~TorsionSISMA SLO Y	0.	0.	0.
60	60	170	~TorsionSISMA SLO Y	0.	0.	0.
61	61	170	G1_K	-3.1	-69.12	-12.2
61	61	152	G1_K	27.53	-45.73	0.32
61	61	42	G1_K	37.81	-49.71	-1.56
61	61	39	G1_K	6.85	-71.98	-14.08
61	61	170	G2_K	-0.41	-14.2	27.39
61	61	152	G2_K	-5.83	-27.4	18.14
61	61	42	G2_K	-3.87	-19.65	19.09
61	61	39	G2_K	1.55	-6.49	28.34
61	61	170	Q_K	-2.01	-14.89	-7.56
61	61	152	Q_K	19.26	-3.28	0.41
61	61	42	Q_K	26.8	-6.02	-0.5
61	61	39	Q_K	5.33	-16.94	-8.46
61	61	170	N_K	-0.24	-1.79	-0.91
61	61	152	N_K	2.31	-0.39	4.894E-02
61	61	42	N_K	3.22	-0.72	-5.971E-02
61	61	39	N_K	0.64	-2.03	-1.02
61	61	170	T+_K	0.	0.	0.
61	61	152	T+_K	0.	0.	0.
61	61	42	T+_K	0.	0.	0.
61	61	39	T+_K	0.	0.	0.
61	61	170	T-_K	0.	0.	0.
61	61	152	T-_K	0.	0.	0.
61	61	42	T-_K	0.	0.	0.
61	61	39	T-_K	0.	0.	0.
61	61	170	G1_D	-4.02	-89.86	-15.86
61	61	152	G1_D	35.79	-59.46	0.42
61	61	42	G1_D	49.16	-64.63	-2.02
61	61	39	G1_D	8.91	-93.57	-18.31
61	61	170	G2_D	-0.53	-18.45	35.61
61	61	152	G2_D	-7.58	-35.62	23.58
61	61	42	G2_D	-5.03	-25.54	24.82
61	61	39	G2_D	2.01	-8.43	36.84
61	61	170	Q_D	-3.02	-22.33	-11.34
61	61	152	Q_D	28.89	-4.92	0.61
61	61	42	Q_D	40.21	-9.03	-0.75
61	61	39	Q_D	8.	-25.41	-12.7
61	61	170	N_D	-0.36	-2.68	-1.36
61	61	152	N_D	3.47	-0.59	7.341E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
61	61	42	N_D	4.82	-1.08	-8.956E-02
61	61	39	N_D	0.96	-3.05	-1.52
61	61	170	T+_D	0.	0.	0.
61	61	152	T+_D	0.	0.	0.
61	61	42	T+_D	0.	0.	0.
61	61	39	T+_D	0.	0.	0.
61	61	170	T-_D	0.	0.	0.
61	61	152	T-_D	0.	0.	0.
61	61	42	T-_D	0.	0.	0.
61	61	39	T-_D	0.	0.	0.
61	61	170	W+_K	0.	0.	0.
61	61	152	W+_K	0.	0.	0.
61	61	42	W+_K	0.	0.	0.
61	61	39	W+_K	0.	0.	0.
61	61	170	W-_K	0.	0.	0.
61	61	152	W-_K	0.	0.	0.
61	61	42	W-_K	0.	0.	0.
61	61	39	W-_K	0.	0.	0.
61	61	170	W+_D	0.	0.	0.
61	61	152	W+_D	0.	0.	0.
61	61	42	W+_D	0.	0.	0.
61	61	39	W+_D	0.	0.	0.
61	61	170	W-_D	0.	0.	0.
61	61	152	W-_D	0.	0.	0.
61	61	42	W-_D	0.	0.	0.
61	61	39	W-_D	0.	0.	0.
61	61	170	SISMA SLV X	9.15	16.16	26.21
61	61	152	SISMA SLV X	14.86	23.18	23.06
61	61	42	SISMA SLV X	21.69	18.08	20.89
61	61	39	SISMA SLV X	15.89	16.44	24.02
61	61	170	SISMA SLV Y	10.15	21.42	22.08
61	61	152	SISMA SLV Y	19.59	17.6	19.54
61	61	42	SISMA SLV Y	20.7	29.99	15.52
61	61	39	SISMA SLV Y	11.98	34.61	18.04
61	61	170	SISMA SLD X	4.47	7.89	12.8
61	61	152	SISMA SLD X	7.26	11.32	11.26
61	61	42	SISMA SLD X	10.59	8.83	10.2
61	61	39	SISMA SLD X	7.76	8.03	11.73
61	61	170	SISMA SLD Y	4.96	10.46	10.78
61	61	152	SISMA SLD Y	9.57	8.6	9.54
61	61	42	SISMA SLD Y	10.11	14.65	7.58
61	61	39	SISMA SLD Y	5.85	16.9	8.81
61	61	170	SISMA SLO X	3.7	6.53	10.61
61	61	152	SISMA SLO X	6.01	9.38	9.33
61	61	42	SISMA SLO X	8.77	7.31	8.45
61	61	39	SISMA SLO X	6.43	6.65	9.72
61	61	170	SISMA SLO Y	4.11	8.66	8.93
61	61	152	SISMA SLO Y	7.92	7.12	7.91
61	61	42	SISMA SLO Y	8.37	12.13	6.28
61	61	39	SISMA SLO Y	4.85	14.	7.3
61	61	170	SLT	0.	0.	0.
61	61	152	SLT	0.	0.	0.
61	61	42	SLT	0.	0.	0.
61	61	39	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
61	61	170	~TorsionSISMA SLV X	0.	0.	0.
61	61	152	~TorsionSISMA SLV X	0.	0.	0.
61	61	42	~TorsionSISMA SLV X	0.	0.	0.
61	61	39	~TorsionSISMA SLV X	0.	0.	0.
61	61	170	~TorsionSISMA SLV Y	0.	0.	0.
61	61	152	~TorsionSISMA SLV Y	0.	0.	0.
61	61	42	~TorsionSISMA SLV Y	0.	0.	0.
61	61	39	~TorsionSISMA SLV Y	0.	0.	0.
61	61	170	~TorsionSISMA SLD X	0.	0.	0.
61	61	152	~TorsionSISMA SLD X	0.	0.	0.
61	61	42	~TorsionSISMA SLD X	0.	0.	0.
61	61	39	~TorsionSISMA SLD X	0.	0.	0.
61	61	170	~TorsionSISMA SLD Y	0.	0.	0.
61	61	152	~TorsionSISMA SLD Y	0.	0.	0.
61	61	42	~TorsionSISMA SLD Y	0.	0.	0.
61	61	39	~TorsionSISMA SLD Y	0.	0.	0.
61	61	170	~TorsionSISMA SLO X	0.	0.	0.
61	61	152	~TorsionSISMA SLO X	0.	0.	0.
61	61	42	~TorsionSISMA SLO X	0.	0.	0.
61	61	39	~TorsionSISMA SLO X	0.	0.	0.
61	61	170	~TorsionSISMA SLO Y	0.	0.	0.
61	61	152	~TorsionSISMA SLO Y	0.	0.	0.
61	61	42	~TorsionSISMA SLO Y	0.	0.	0.
61	61	39	~TorsionSISMA SLO Y	0.	0.	0.
62	62	39	G1_K	-0.35	-74.38	-11.56
62	62	42	G1_K	51.28	-16.01	-1.16
62	62	154	G1_K	57.69	-30.15	5.81
62	62	171	G1_K	5.9	-89.65	-4.59
62	62	39	G2_K	-9.462E-03	-11.54	26.84
62	62	42	G2_K	-3.51	-20.6	17.85
62	62	154	G2_K	-0.58	-9.93	16.57
62	62	171	G2_K	2.88	-0.56	25.56
62	62	39	Q_K	-0.58	-26.67	-6.67
62	62	42	Q_K	33.66	8.43	-0.21
62	62	154	Q_K	38.69	-1.01	4.41

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
62	62	171	Q_K	4.36	-36.84	-2.05
62	62	39	N_K	-6.968E-02	-3.2	-0.8
62	62	42	N_K	4.04	1.01	-2.566E-02
62	62	154	N_K	4.64	-0.12	0.53
62	62	171	N_K	0.52	-4.42	-0.25
62	62	39	T+_K	0.	0.	0.
62	62	42	T+_K	0.	0.	0.
62	62	154	T+_K	0.	0.	0.
62	62	171	T+_K	0.	0.	0.
62	62	39	T-_K	0.	0.	0.
62	62	42	T-_K	0.	0.	0.
62	62	154	T-_K	0.	0.	0.
62	62	171	T-_K	0.	0.	0.
62	62	39	G1_D	-0.46	-96.69	-15.03
62	62	42	G1_D	66.66	-20.82	-1.51
62	62	154	G1_D	75.	-39.19	7.55
62	62	171	G1_D	7.67	-116.55	-5.97
62	62	39	G2_D	-1.230E-02	-15.01	34.89
62	62	42	G2_D	-4.56	-26.78	23.21
62	62	154	G2_D	-0.75	-12.91	21.55
62	62	171	G2_D	3.75	-0.73	33.23
62	62	39	Q_D	-0.87	-40.01	-10.
62	62	42	Q_D	50.49	12.64	-0.32
62	62	154	Q_D	58.04	-1.52	6.61
62	62	171	Q_D	6.54	-55.26	-3.07
62	62	39	N_D	-0.1	-4.8	-1.2
62	62	42	N_D	6.06	1.52	-3.849E-02
62	62	154	N_D	6.96	-0.18	0.79
62	62	171	N_D	0.78	-6.63	-0.37
62	62	39	T+_D	0.	0.	0.
62	62	42	T+_D	0.	0.	0.
62	62	154	T+_D	0.	0.	0.
62	62	171	T+_D	0.	0.	0.
62	62	39	T-_D	0.	0.	0.
62	62	42	T-_D	0.	0.	0.
62	62	154	T-_D	0.	0.	0.
62	62	171	T-_D	0.	0.	0.
62	62	39	W+_K	0.	0.	0.
62	62	42	W+_K	0.	0.	0.
62	62	154	W+_K	0.	0.	0.
62	62	171	W+_K	0.	0.	0.
62	62	39	W-_K	0.	0.	0.
62	62	42	W-_K	0.	0.	0.
62	62	154	W-_K	0.	0.	0.
62	62	171	W-_K	0.	0.	0.
62	62	39	W+_D	0.	0.	0.
62	62	42	W+_D	0.	0.	0.
62	62	154	W+_D	0.	0.	0.
62	62	171	W+_D	0.	0.	0.
62	62	39	W-_D	0.	0.	0.
62	62	42	W-_D	0.	0.	0.
62	62	154	W-_D	0.	0.	0.
62	62	171	W-_D	0.	0.	0.
62	62	39	SISMA SLV X	13.95	17.32	26.26

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
62	62	42	SISMA SLV X	24.95	13.85	18.91
62	62	154	SISMA SLV X	27.21	10.13	14.31
62	62	171	SISMA SLV X	15.69	19.38	21.78
62	62	39	SISMA SLV Y	13.74	30.87	17.84
62	62	42	SISMA SLV Y	27.89	11.22	15.65
62	62	154	SISMA SLV Y	28.85	19.17	7.99
62	62	171	SISMA SLV Y	13.69	39.05	10.96
62	62	39	SISMA SLD X	6.81	8.46	12.83
62	62	42	SISMA SLD X	12.18	6.77	9.24
62	62	154	SISMA SLD X	13.29	4.95	6.99
62	62	171	SISMA SLD X	7.66	9.47	10.64
62	62	39	SISMA SLD Y	6.71	15.08	8.71
62	62	42	SISMA SLD Y	13.62	5.48	7.64
62	62	154	SISMA SLD Y	14.09	9.36	3.9
62	62	171	SISMA SLD Y	6.69	19.07	5.35
62	62	39	SISMA SLO X	5.64	7.	10.63
62	62	42	SISMA SLO X	10.09	5.6	7.65
62	62	154	SISMA SLO X	11.01	4.1	5.79
62	62	171	SISMA SLO X	6.34	7.84	8.81
62	62	39	SISMA SLO Y	5.56	12.49	7.22
62	62	42	SISMA SLO Y	11.28	4.54	6.33
62	62	154	SISMA SLO Y	11.67	7.75	3.23
62	62	171	SISMA SLO Y	5.54	15.79	4.43
62	62	39	SLT	0.	0.	0.
62	62	42	SLT	0.	0.	0.
62	62	154	SLT	0.	0.	0.
62	62	171	SLT	0.	0.	0.
62	62	39	~TorsionSISMA SLV X	0.	0.	0.
62	62	42	~TorsionSISMA SLV X	0.	0.	0.
62	62	154	~TorsionSISMA SLV X	0.	0.	0.
62	62	171	~TorsionSISMA SLV X	0.	0.	0.
62	62	39	~TorsionSISMA SLV Y	0.	0.	0.
62	62	42	~TorsionSISMA SLV Y	0.	0.	0.
62	62	154	~TorsionSISMA SLV Y	0.	0.	0.
62	62	171	~TorsionSISMA SLV Y	0.	0.	0.
62	62	39	~TorsionSISMA SLD X	0.	0.	0.
62	62	42	~TorsionSISMA SLD X	0.	0.	0.
62	62	154	~TorsionSISMA SLD X	0.	0.	0.
62	62	171	~TorsionSISMA SLD X	0.	0.	0.
62	62	39	~TorsionSISMA SLD Y	0.	0.	0.
62	62	42	~TorsionSISMA SLD Y	0.	0.	0.
62	62	154	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
62	62	171	~TorsionSISMA SLD Y	0.	0.	0.
62	62	39	~TorsionSISMA SLO X	0.	0.	0.
62	62	42	~TorsionSISMA SLO X	0.	0.	0.
62	62	154	~TorsionSISMA SLO X	0.	0.	0.
62	62	171	~TorsionSISMA SLO X	0.	0.	0.
62	62	39	~TorsionSISMA SLO Y	0.	0.	0.
62	62	42	~TorsionSISMA SLO Y	0.	0.	0.
62	62	154	~TorsionSISMA SLO Y	0.	0.	0.
62	62	171	~TorsionSISMA SLO Y	0.	0.	0.
63	63	171	G1_K	4.69	-81.99	1.69
63	63	154	G1_K	67.53	5.35	7.58
63	63	43	G1_K	55.03	-37.75	12.49
63	63	40	G1_K	-7.78	-125.55	6.61
63	63	171	G2_K	1.07	-5.53	24.75
63	63	154	G2_K	-0.4	-13.13	15.09
63	63	43	G2_K	0.26	-1.26	13.85
63	63	40	G2_K	1.69	6.64	23.52
63	63	171	Q_K	2.24	-39.87	2.
63	63	154	Q_K	43.34	14.66	5.5
63	63	43	Q_K	36.53	-13.26	8.61
63	63	40	Q_K	-4.55	-68.1	5.1
63	63	171	N_K	0.27	-4.78	0.24
63	63	154	N_K	5.2	1.76	0.66
63	63	43	N_K	4.38	-1.59	1.03
63	63	40	N_K	-0.55	-8.17	0.61
63	63	171	T+_K	0.	0.	0.
63	63	154	T+_K	0.	0.	0.
63	63	43	T+_K	0.	0.	0.
63	63	40	T+_K	0.	0.	0.
63	63	171	T-_K	0.	0.	0.
63	63	154	T-_K	0.	0.	0.
63	63	43	T-_K	0.	0.	0.
63	63	40	T-_K	0.	0.	0.
63	63	171	G1_D	6.1	-106.59	2.2
63	63	154	G1_D	87.79	6.95	9.85
63	63	43	G1_D	71.54	-49.07	16.24
63	63	40	G1_D	-10.11	-163.22	8.59
63	63	171	G2_D	1.39	-7.19	32.18
63	63	154	G2_D	-0.52	-17.06	19.61
63	63	43	G2_D	0.34	-1.64	18.01
63	63	40	G2_D	2.19	8.64	30.58
63	63	171	Q_D	3.36	-59.81	3.
63	63	154	Q_D	65.02	21.99	8.25
63	63	43	Q_D	54.79	-19.89	12.91
63	63	40	Q_D	-6.82	-102.14	7.66
63	63	171	N_D	0.4	-7.18	0.36
63	63	154	N_D	7.8	2.64	0.99

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
63	63	43	N_D	6.58	-2.39	1.55
63	63	40	N_D	-0.82	-12.26	0.92
63	63	171	T+_D	0.	0.	0.
63	63	154	T+_D	0.	0.	0.
63	63	43	T+_D	0.	0.	0.
63	63	40	T+_D	0.	0.	0.
63	63	171	T-_D	0.	0.	0.
63	63	154	T-_D	0.	0.	0.
63	63	43	T-_D	0.	0.	0.
63	63	40	T-_D	0.	0.	0.
63	63	171	W+_K	0.	0.	0.
63	63	154	W+_K	0.	0.	0.
63	63	43	W+_K	0.	0.	0.
63	63	40	W+_K	0.	0.	0.
63	63	171	W-_K	0.	0.	0.
63	63	154	W-_K	0.	0.	0.
63	63	43	W-_K	0.	0.	0.
63	63	40	W-_K	0.	0.	0.
63	63	171	W+_D	0.	0.	0.
63	63	154	W+_D	0.	0.	0.
63	63	43	W+_D	0.	0.	0.
63	63	40	W+_D	0.	0.	0.
63	63	171	W-_D	0.	0.	0.
63	63	154	W-_D	0.	0.	0.
63	63	43	W-_D	0.	0.	0.
63	63	40	W-_D	0.	0.	0.
63	63	171	SISMA SLV X	12.77	15.86	23.11
63	63	154	SISMA SLV X	28.76	6.38	13.6
63	63	43	SISMA SLV X	23.85	5.57	10.9
63	63	40	SISMA SLV X	8.63	18.4	20.73
63	63	171	SISMA SLV Y	9.65	27.2	10.43
63	63	154	SISMA SLV Y	29.8	7.69	9.23
63	63	43	SISMA SLV Y	27.22	10.92	5.24
63	63	40	SISMA SLV Y	10.32	30.05	11.63
63	63	171	SISMA SLD X	6.24	7.74	11.29
63	63	154	SISMA SLD X	14.05	3.11	6.64
63	63	43	SISMA SLD X	11.65	2.72	5.32
63	63	40	SISMA SLD X	4.21	8.99	10.13
63	63	171	SISMA SLD Y	4.71	13.28	5.09
63	63	154	SISMA SLD Y	14.55	3.76	4.51
63	63	43	SISMA SLD Y	13.29	5.33	2.56
63	63	40	SISMA SLD Y	5.04	14.68	5.68
63	63	171	SISMA SLO X	5.16	6.41	9.35
63	63	154	SISMA SLO X	11.63	2.58	5.5
63	63	43	SISMA SLO X	9.65	2.25	4.41
63	63	40	SISMA SLO X	3.49	7.44	8.39
63	63	171	SISMA SLO Y	3.9	11.	4.22
63	63	154	SISMA SLO Y	12.05	3.11	3.74
63	63	43	SISMA SLO Y	11.01	4.42	2.12
63	63	40	SISMA SLO Y	4.17	12.15	4.7
63	63	171	SLT	0.	0.	0.
63	63	154	SLT	0.	0.	0.
63	63	43	SLT	0.	0.	0.
63	63	40	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
63	63	171	~TorsionSISMA SLV X	0.	0.	0.
63	63	154	~TorsionSISMA SLV X	0.	0.	0.
63	63	43	~TorsionSISMA SLV X	0.	0.	0.
63	63	40	~TorsionSISMA SLV X	0.	0.	0.
63	63	171	~TorsionSISMA SLV Y	0.	0.	0.
63	63	154	~TorsionSISMA SLV Y	0.	0.	0.
63	63	43	~TorsionSISMA SLV Y	0.	0.	0.
63	63	40	~TorsionSISMA SLV Y	0.	0.	0.
63	63	171	~TorsionSISMA SLD X	0.	0.	0.
63	63	154	~TorsionSISMA SLD X	0.	0.	0.
63	63	43	~TorsionSISMA SLD X	0.	0.	0.
63	63	40	~TorsionSISMA SLD X	0.	0.	0.
63	63	171	~TorsionSISMA SLD Y	0.	0.	0.
63	63	154	~TorsionSISMA SLD Y	0.	0.	0.
63	63	43	~TorsionSISMA SLD Y	0.	0.	0.
63	63	40	~TorsionSISMA SLD Y	0.	0.	0.
63	63	171	~TorsionSISMA SLO X	0.	0.	0.
63	63	154	~TorsionSISMA SLO X	0.	0.	0.
63	63	43	~TorsionSISMA SLO X	0.	0.	0.
63	63	40	~TorsionSISMA SLO X	0.	0.	0.
63	63	171	~TorsionSISMA SLO Y	0.	0.	0.
63	63	154	~TorsionSISMA SLO Y	0.	0.	0.
63	63	43	~TorsionSISMA SLO Y	0.	0.	0.
63	63	40	~TorsionSISMA SLO Y	0.	0.	0.
64	64	40	G1_K	-4.23	-131.38	28.94
64	64	43	G1_K	65.48	38.09	-2.61
64	64	103	G1_K	-1.15	-34.86	34.46
64	64	115	G1_K	-70.3	-210.25	66.01
64	64	40	G2_K	0.48	3.39	23.07
64	64	43	G2_K	-0.1	-5.88	14.21
64	64	103	G2_K	0.15	2.13	6.21
64	64	115	G2_K	0.68	12.21	15.07
64	64	40	Q_K	-3.74	-80.04	19.35
64	64	43	Q_K	41.63	28.18	-1.04
64	64	103	Q_K	0.16	-18.9	22.46

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
64	64	115	Q_K	-44.85	-130.91	42.85
64	64	40	N_K	-0.45	-9.61	2.32
64	64	43	N_K	5.	3.38	-0.12
64	64	103	N_K	1.879E-02	-2.27	2.7
64	64	115	N_K	-5.38	-15.71	5.14
64	64	40	T+_K	0.	0.	0.
64	64	43	T+_K	0.	0.	0.
64	64	103	T+_K	0.	0.	0.
64	64	115	T+_K	0.	0.	0.
64	64	40	T-_K	0.	0.	0.
64	64	43	T-_K	0.	0.	0.
64	64	103	T-_K	0.	0.	0.
64	64	115	T-_K	0.	0.	0.
64	64	40	G1_D	-5.49	-170.79	37.63
64	64	43	G1_D	85.13	49.51	-3.39
64	64	103	G1_D	-1.49	-45.32	44.79
64	64	115	G1_D	-91.39	-273.33	85.81
64	64	40	G2_D	0.62	4.41	29.99
64	64	43	G2_D	-0.13	-7.64	18.47
64	64	103	G2_D	0.19	2.77	8.08
64	64	115	G2_D	0.88	15.87	19.6
64	64	40	Q_D	-5.62	-120.07	29.03
64	64	43	Q_D	62.44	42.27	-1.56
64	64	103	Q_D	0.23	-28.34	33.7
64	64	115	Q_D	-67.27	-196.36	64.28
64	64	40	N_D	-0.67	-14.41	3.48
64	64	43	N_D	7.49	5.07	-0.19
64	64	103	N_D	2.818E-02	-3.4	4.04
64	64	115	N_D	-8.07	-23.56	7.71
64	64	40	T+_D	0.	0.	0.
64	64	43	T+_D	0.	0.	0.
64	64	103	T+_D	0.	0.	0.
64	64	115	T+_D	0.	0.	0.
64	64	40	T-_D	0.	0.	0.
64	64	43	T-_D	0.	0.	0.
64	64	103	T-_D	0.	0.	0.
64	64	115	T-_D	0.	0.	0.
64	64	40	W+_K	0.	0.	0.
64	64	43	W+_K	0.	0.	0.
64	64	103	W+_K	0.	0.	0.
64	64	115	W+_K	0.	0.	0.
64	64	40	W-_K	0.	0.	0.
64	64	43	W-_K	0.	0.	0.
64	64	103	W-_K	0.	0.	0.
64	64	115	W-_K	0.	0.	0.
64	64	40	W+_D	0.	0.	0.
64	64	43	W+_D	0.	0.	0.
64	64	103	W+_D	0.	0.	0.
64	64	115	W+_D	0.	0.	0.
64	64	40	W-_D	0.	0.	0.
64	64	43	W-_D	0.	0.	0.
64	64	103	W-_D	0.	0.	0.
64	64	115	W-_D	0.	0.	0.
64	64	40	SISMA SLV X	5.51	17.19	24.6

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
64	64	43	SISMA SLV X	23.7	7.57	8.31
64	64	103	SISMA SLV X	9.94	3.69	8.24
64	64	115	SISMA SLV X	12.99	27.02	24.68
64	64	40	SISMA SLV Y	2.4	14.38	15.15
64	64	43	SISMA SLV Y	22.01	6.73	4.95
64	64	103	SISMA SLV Y	19.55	2.14	6.47
64	64	115	SISMA SLV Y	5.86	12.84	16.61
64	64	40	SISMA SLD X	2.69	8.4	12.01
64	64	43	SISMA SLD X	11.57	3.7	4.06
64	64	103	SISMA SLD X	4.85	1.8	4.02
64	64	115	SISMA SLD X	6.35	13.2	12.06
64	64	40	SISMA SLD Y	1.17	7.02	7.4
64	64	43	SISMA SLD Y	10.75	3.29	2.42
64	64	103	SISMA SLD Y	9.55	1.05	3.16
64	64	115	SISMA SLD Y	2.86	6.27	8.11
64	64	40	SISMA SLO X	2.23	6.96	9.95
64	64	43	SISMA SLO X	9.59	3.06	3.36
64	64	103	SISMA SLO X	4.02	1.49	3.33
64	64	115	SISMA SLO X	5.26	10.94	9.99
64	64	40	SISMA SLO Y	0.97	5.81	6.13
64	64	43	SISMA SLO Y	8.9	2.72	2.
64	64	103	SISMA SLO Y	7.91	0.87	2.62
64	64	115	SISMA SLO Y	2.37	5.19	6.72
64	64	40	SLT	0.	0.	0.
64	64	43	SLT	0.	0.	0.
64	64	103	SLT	0.	0.	0.
64	64	115	SLT	0.	0.	0.
64	64	40	~TorsionSISMA SLV X	0.	0.	0.
64	64	43	~TorsionSISMA SLV X	0.	0.	0.
64	64	103	~TorsionSISMA SLV X	0.	0.	0.
64	64	115	~TorsionSISMA SLV X	0.	0.	0.
64	64	40	~TorsionSISMA SLV Y	0.	0.	0.
64	64	43	~TorsionSISMA SLV Y	0.	0.	0.
64	64	103	~TorsionSISMA SLV Y	0.	0.	0.
64	64	115	~TorsionSISMA SLV Y	0.	0.	0.
64	64	40	~TorsionSISMA SLD X	0.	0.	0.
64	64	43	~TorsionSISMA SLD X	0.	0.	0.
64	64	103	~TorsionSISMA SLD X	0.	0.	0.
64	64	115	~TorsionSISMA SLD X	0.	0.	0.
64	64	40	~TorsionSISMA SLD Y	0.	0.	0.
64	64	43	~TorsionSISMA SLD Y	0.	0.	0.
64	64	103	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
64	64	115	~TorsionSISMA SLD Y	0.	0.	0.
64	64	40	~TorsionSISMA SLO X	0.	0.	0.
64	64	43	~TorsionSISMA SLO X	0.	0.	0.
64	64	103	~TorsionSISMA SLO X	0.	0.	0.
64	64	115	~TorsionSISMA SLO X	0.	0.	0.
64	64	40	~TorsionSISMA SLO Y	0.	0.	0.
64	64	43	~TorsionSISMA SLO Y	0.	0.	0.
64	64	103	~TorsionSISMA SLO Y	0.	0.	0.
64	64	115	~TorsionSISMA SLO Y	0.	0.	0.
65	65	99	G1_K	-15.76	-76.79	-6.02
65	65	150	G1_K	-12.02	-62.14	-1.46
65	65	44	G1_K	-3.07	-78.63	-4.96
65	65	41	G1_K	-6.66	-94.56	-9.52
65	65	99	G2_K	-6.28	-14.44	-0.36
65	65	150	G2_K	6.92	17.64	0.61
65	65	44	G2_K	2.53	-16.81	3.32
65	65	41	G2_K	-10.67	-50.27	2.35
65	65	99	Q_K	-0.96	-9.41	-1.17
65	65	150	Q_K	-1.41	-2.42	0.63
65	65	44	Q_K	1.19	-6.16	0.59
65	65	41	Q_K	1.77	-13.8	-1.2
65	65	99	N_K	-0.12	-1.13	-0.14
65	65	150	N_K	-0.17	-0.29	7.551E-02
65	65	44	N_K	0.14	-0.74	7.133E-02
65	65	41	N_K	0.21	-1.66	-0.14
65	65	99	T+_K	0.	0.	0.
65	65	150	T+_K	0.	0.	0.
65	65	44	T+_K	0.	0.	0.
65	65	41	T+_K	0.	0.	0.
65	65	99	T-_K	0.	0.	0.
65	65	150	T-_K	0.	0.	0.
65	65	44	T-_K	0.	0.	0.
65	65	41	T-_K	0.	0.	0.
65	65	99	G1_D	-20.49	-99.83	-7.83
65	65	150	G1_D	-15.63	-80.78	-1.9
65	65	44	G1_D	-3.99	-102.22	-6.45
65	65	41	G1_D	-8.66	-122.92	-12.38
65	65	99	G2_D	-8.16	-18.78	-0.47
65	65	150	G2_D	8.99	22.93	0.79
65	65	44	G2_D	3.29	-21.85	4.31
65	65	41	G2_D	-13.87	-65.35	3.05
65	65	99	Q_D	-1.44	-14.12	-1.75
65	65	150	Q_D	-2.11	-3.63	0.94
65	65	44	Q_D	1.78	-9.23	0.89
65	65	41	Q_D	2.66	-20.7	-1.8
65	65	99	N_D	-0.17	-1.69	-0.21
65	65	150	N_D	-0.25	-0.44	0.11

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
65	65	44	N_D	0.21	-1.11	0.11
65	65	41	N_D	0.32	-2.48	-0.22
65	65	99	T+_D	0.	0.	0.
65	65	150	T+_D	0.	0.	0.
65	65	44	T+_D	0.	0.	0.
65	65	41	T+_D	0.	0.	0.
65	65	99	T-_D	0.	0.	0.
65	65	150	T-_D	0.	0.	0.
65	65	44	T-_D	0.	0.	0.
65	65	41	T-_D	0.	0.	0.
65	65	99	W+_K	0.	0.	0.
65	65	150	W+_K	0.	0.	0.
65	65	44	W+_K	0.	0.	0.
65	65	41	W+_K	0.	0.	0.
65	65	99	W-_K	0.	0.	0.
65	65	150	W-_K	0.	0.	0.
65	65	44	W-_K	0.	0.	0.
65	65	41	W-_K	0.	0.	0.
65	65	99	W+_D	0.	0.	0.
65	65	150	W+_D	0.	0.	0.
65	65	44	W+_D	0.	0.	0.
65	65	41	W+_D	0.	0.	0.
65	65	99	W-_D	0.	0.	0.
65	65	150	W-_D	0.	0.	0.
65	65	44	W-_D	0.	0.	0.
65	65	41	W-_D	0.	0.	0.
65	65	99	SISMA SLV X	5.28	25.26	5.08
65	65	150	SISMA SLV X	7.36	41.33	6.98
65	65	44	SISMA SLV X	3.3	6.82	20.86
65	65	41	SISMA SLV X	5.11	48.91	18.82
65	65	99	SISMA SLV Y	9.64	49.62	11.15
65	65	150	SISMA SLV Y	4.78	24.24	14.56
65	65	44	SISMA SLV Y	2.25	12.6	34.91
65	65	41	SISMA SLV Y	5.17	49.77	31.42
65	65	99	SISMA SLD X	2.58	12.33	2.48
65	65	150	SISMA SLD X	3.59	20.19	3.41
65	65	44	SISMA SLD X	1.61	3.33	10.19
65	65	41	SISMA SLD X	2.5	23.89	9.19
65	65	99	SISMA SLD Y	4.71	24.23	5.44
65	65	150	SISMA SLD Y	2.33	11.84	7.11
65	65	44	SISMA SLD Y	1.1	6.15	17.05
65	65	41	SISMA SLD Y	2.53	24.31	15.35
65	65	99	SISMA SLO X	2.13	10.2	2.05
65	65	150	SISMA SLO X	2.98	16.71	2.82
65	65	44	SISMA SLO X	1.33	2.75	8.44
65	65	41	SISMA SLO X	2.07	19.79	7.61
65	65	99	SISMA SLO Y	3.9	20.07	4.51
65	65	150	SISMA SLO Y	1.93	9.81	5.89
65	65	44	SISMA SLO Y	0.91	5.09	14.12
65	65	41	SISMA SLO Y	2.09	20.13	12.71
65	65	99	SLT	0.	0.	0.
65	65	150	SLT	0.	0.	0.
65	65	44	SLT	0.	0.	0.
65	65	41	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
65	65	99	~TorsionSISMA SLV X	0.	0.	0.
65	65	150	~TorsionSISMA SLV X	0.	0.	0.
65	65	44	~TorsionSISMA SLV X	0.	0.	0.
65	65	41	~TorsionSISMA SLV X	0.	0.	0.
65	65	99	~TorsionSISMA SLV Y	0.	0.	0.
65	65	150	~TorsionSISMA SLV Y	0.	0.	0.
65	65	44	~TorsionSISMA SLV Y	0.	0.	0.
65	65	41	~TorsionSISMA SLV Y	0.	0.	0.
65	65	99	~TorsionSISMA SLD X	0.	0.	0.
65	65	150	~TorsionSISMA SLD X	0.	0.	0.
65	65	44	~TorsionSISMA SLD X	0.	0.	0.
65	65	41	~TorsionSISMA SLD X	0.	0.	0.
65	65	99	~TorsionSISMA SLD Y	0.	0.	0.
65	65	150	~TorsionSISMA SLD Y	0.	0.	0.
65	65	44	~TorsionSISMA SLD Y	0.	0.	0.
65	65	41	~TorsionSISMA SLD Y	0.	0.	0.
65	65	99	~TorsionSISMA SLO X	0.	0.	0.
65	65	150	~TorsionSISMA SLO X	0.	0.	0.
65	65	44	~TorsionSISMA SLO X	0.	0.	0.
65	65	41	~TorsionSISMA SLO X	0.	0.	0.
65	65	99	~TorsionSISMA SLO Y	0.	0.	0.
65	65	150	~TorsionSISMA SLO Y	0.	0.	0.
65	65	44	~TorsionSISMA SLO Y	0.	0.	0.
65	65	41	~TorsionSISMA SLO Y	0.	0.	0.
66	66	41	G1_K	1.03	-73.52	-4.71
66	66	44	G1_K	-5.82	-74.99	0.17
66	66	151	G1_K	7.15	-72.47	4.81
66	66	152	G1_K	14.26	-71.08	-6.278E-02
66	66	41	G2_K	-9.36	-32.32	4.89
66	66	44	G2_K	7.62	-2.78	2.38
66	66	151	G2_K	2.58	-16.35	8.03
66	66	152	G2_K	-14.22	-46.89	10.53
66	66	41	Q_K	5.48	-9.94	-1.46
66	66	44	Q_K	-2.65	-10.7	2.97
66	66	151	Q_K	5.23	-9.44	3.57

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
66	66	152	Q_K	13.49	-8.72	-0.86
66	66	41	N_K	0.66	-1.19	-0.18
66	66	44	N_K	-0.32	-1.28	0.36
66	66	151	N_K	0.63	-1.13	0.43
66	66	152	N_K	1.62	-1.05	-0.1
66	66	41	T+_K	0.	0.	0.
66	66	44	T+_K	0.	0.	0.
66	66	151	T+_K	0.	0.	0.
66	66	152	T+_K	0.	0.	0.
66	66	41	T-_K	0.	0.	0.
66	66	44	T-_K	0.	0.	0.
66	66	151	T-_K	0.	0.	0.
66	66	152	T-_K	0.	0.	0.
66	66	41	G1_D	1.34	-95.58	-6.12
66	66	44	G1_D	-7.57	-97.48	0.22
66	66	151	G1_D	9.3	-94.21	6.26
66	66	152	G1_D	18.53	-92.41	-8.161E-02
66	66	41	G2_D	-12.17	-42.02	6.35
66	66	44	G2_D	9.91	-3.62	3.1
66	66	151	G2_D	3.35	-21.25	10.43
66	66	152	G2_D	-18.48	-60.95	13.69
66	66	41	Q_D	8.21	-14.91	-2.19
66	66	44	Q_D	-3.98	-16.05	4.45
66	66	151	Q_D	7.85	-14.16	5.36
66	66	152	Q_D	20.24	-13.08	-1.29
66	66	41	N_D	0.99	-1.79	-0.26
66	66	44	N_D	-0.48	-1.93	0.53
66	66	151	N_D	0.94	-1.7	0.64
66	66	152	N_D	2.43	-1.57	-0.15
66	66	41	T+_D	0.	0.	0.
66	66	44	T+_D	0.	0.	0.
66	66	151	T+_D	0.	0.	0.
66	66	152	T+_D	0.	0.	0.
66	66	41	T-_D	0.	0.	0.
66	66	44	T-_D	0.	0.	0.
66	66	151	T-_D	0.	0.	0.
66	66	152	T-_D	0.	0.	0.
66	66	41	W+_K	0.	0.	0.
66	66	44	W+_K	0.	0.	0.
66	66	151	W+_K	0.	0.	0.
66	66	152	W+_K	0.	0.	0.
66	66	41	W-_K	0.	0.	0.
66	66	44	W-_K	0.	0.	0.
66	66	151	W-_K	0.	0.	0.
66	66	152	W-_K	0.	0.	0.
66	66	41	W+_D	0.	0.	0.
66	66	44	W+_D	0.	0.	0.
66	66	151	W+_D	0.	0.	0.
66	66	152	W+_D	0.	0.	0.
66	66	41	W-_D	0.	0.	0.
66	66	44	W-_D	0.	0.	0.
66	66	151	W-_D	0.	0.	0.
66	66	152	W-_D	0.	0.	0.
66	66	41	SISMA SLV X	5.65	25.99	17.21

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
66	66	44	SISMA SLV X	3.16	8.85	18.96
66	66	151	SISMA SLV X	6.89	19.09	21.71
66	66	152	SISMA SLV X	7.69	40.84	20.07
66	66	41	SISMA SLV Y	3.23	39.93	24.92
66	66	44	SISMA SLV Y	2.54	18.14	28.05
66	66	151	SISMA SLV Y	10.96	12.03	25.33
66	66	152	SISMA SLV Y	11.64	34.56	22.33
66	66	41	SISMA SLD X	2.76	12.69	8.41
66	66	44	SISMA SLD X	1.54	4.32	9.26
66	66	151	SISMA SLD X	3.36	9.33	10.6
66	66	152	SISMA SLD X	3.76	19.95	9.8
66	66	41	SISMA SLD Y	1.58	19.5	12.17
66	66	44	SISMA SLD Y	1.24	8.86	13.7
66	66	151	SISMA SLD Y	5.35	5.87	12.37
66	66	152	SISMA SLD Y	5.69	16.88	10.91
66	66	41	SISMA SLO X	2.28	10.51	6.96
66	66	44	SISMA SLO X	1.28	3.58	7.67
66	66	151	SISMA SLO X	2.78	7.72	8.78
66	66	152	SISMA SLO X	3.11	16.52	8.12
66	66	41	SISMA SLO Y	1.31	16.15	10.08
66	66	44	SISMA SLO Y	1.02	7.34	11.35
66	66	151	SISMA SLO Y	4.43	4.87	10.25
66	66	152	SISMA SLO Y	4.71	13.98	9.04
66	66	41	SLT	0.	0.	0.
66	66	44	SLT	0.	0.	0.
66	66	151	SLT	0.	0.	0.
66	66	152	SLT	0.	0.	0.
66	66	41	~TorsionSISMA SLV X	0.	0.	0.
66	66	44	~TorsionSISMA SLV X	0.	0.	0.
66	66	151	~TorsionSISMA SLV X	0.	0.	0.
66	66	152	~TorsionSISMA SLV X	0.	0.	0.
66	66	41	~TorsionSISMA SLV Y	0.	0.	0.
66	66	44	~TorsionSISMA SLV Y	0.	0.	0.
66	66	151	~TorsionSISMA SLV Y	0.	0.	0.
66	66	152	~TorsionSISMA SLV Y	0.	0.	0.
66	66	41	~TorsionSISMA SLD X	0.	0.	0.
66	66	44	~TorsionSISMA SLD X	0.	0.	0.
66	66	151	~TorsionSISMA SLD X	0.	0.	0.
66	66	152	~TorsionSISMA SLD X	0.	0.	0.
66	66	41	~TorsionSISMA SLD Y	0.	0.	0.
66	66	44	~TorsionSISMA SLD Y	0.	0.	0.
66	66	151	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
66	66	152	~TorsionSISMA SLD Y	0.	0.	0.
66	66	41	~TorsionSISMA SLO X	0.	0.	0.
66	66	44	~TorsionSISMA SLO X	0.	0.	0.
66	66	151	~TorsionSISMA SLO X	0.	0.	0.
66	66	152	~TorsionSISMA SLO X	0.	0.	0.
66	66	41	~TorsionSISMA SLO Y	0.	0.	0.
66	66	44	~TorsionSISMA SLO Y	0.	0.	0.
66	66	151	~TorsionSISMA SLO Y	0.	0.	0.
66	66	152	~TorsionSISMA SLO Y	0.	0.	0.
67	67	152	G1_K	26.81	-47.12	-3.47
67	67	151	G1_K	1.23	-63.28	7.78
67	67	45	G1_K	12.67	-63.68	11.54
67	67	42	G1_K	38.67	-48.85	0.29
67	67	152	G2_K	-7.25	-18.11	10.14
67	67	151	G2_K	3.34	-6.49	10.8
67	67	45	G2_K	0.74	-17.75	11.76
67	67	42	G2_K	-9.68	-30.31	11.1
67	67	152	Q_K	18.78	-4.25	-2.54
67	67	151	Q_K	0.49	-11.2	4.47
67	67	45	Q_K	8.79	-11.61	6.71
67	67	42	Q_K	27.32	-5.47	-0.31
67	67	152	N_K	2.25	-0.51	-0.31
67	67	151	N_K	5.917E-02	-1.34	0.54
67	67	45	N_K	1.05	-1.39	0.81
67	67	42	N_K	3.28	-0.66	-3.679E-02
67	67	152	T+_K	0.	0.	0.
67	67	151	T+_K	0.	0.	0.
67	67	45	T+_K	0.	0.	0.
67	67	42	T+_K	0.	0.	0.
67	67	152	T-_K	0.	0.	0.
67	67	151	T-_K	0.	0.	0.
67	67	45	T-_K	0.	0.	0.
67	67	42	T-_K	0.	0.	0.
67	67	152	G1_D	34.85	-61.25	-4.52
67	67	151	G1_D	1.6	-82.26	10.12
67	67	45	G1_D	16.47	-82.78	15.01
67	67	42	G1_D	50.26	-63.51	0.37
67	67	152	G2_D	-9.42	-23.54	13.18
67	67	151	G2_D	4.34	-8.44	14.04
67	67	45	G2_D	0.96	-23.07	15.29
67	67	42	G2_D	-12.58	-39.4	14.43
67	67	152	Q_D	28.17	-6.37	-3.82
67	67	151	Q_D	0.74	-16.8	6.71
67	67	45	Q_D	13.18	-17.41	10.07
67	67	42	Q_D	40.98	-8.2	-0.46
67	67	152	N_D	3.38	-0.76	-0.46
67	67	151	N_D	8.875E-02	-2.02	0.81

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
67	67	45	N_D	1.58	-2.09	1.21
67	67	42	N_D	4.92	-0.98	-5.519E-02
67	67	152	T+_D	0.	0.	0.
67	67	151	T+_D	0.	0.	0.
67	67	45	T+_D	0.	0.	0.
67	67	42	T+_D	0.	0.	0.
67	67	152	T-_D	0.	0.	0.
67	67	151	T-_D	0.	0.	0.
67	67	45	T-_D	0.	0.	0.
67	67	42	T-_D	0.	0.	0.
67	67	152	W+_K	0.	0.	0.
67	67	151	W+_K	0.	0.	0.
67	67	45	W+_K	0.	0.	0.
67	67	42	W+_K	0.	0.	0.
67	67	152	W-_K	0.	0.	0.
67	67	151	W-_K	0.	0.	0.
67	67	45	W-_K	0.	0.	0.
67	67	42	W-_K	0.	0.	0.
67	67	152	W+_D	0.	0.	0.
67	67	151	W+_D	0.	0.	0.
67	67	45	W+_D	0.	0.	0.
67	67	42	W+_D	0.	0.	0.
67	67	152	W-_D	0.	0.	0.
67	67	151	W-_D	0.	0.	0.
67	67	45	W-_D	0.	0.	0.
67	67	42	W-_D	0.	0.	0.
67	67	152	SISMA SLV X	18.04	14.89	19.79
67	67	151	SISMA SLV X	10.42	17.38	23.18
67	67	45	SISMA SLV X	13.15	30.88	20.43
67	67	42	SISMA SLV X	20.42	26.7	17.01
67	67	152	SISMA SLV Y	17.03	25.03	22.35
67	67	151	SISMA SLV Y	8.11	16.28	25.68
67	67	45	SISMA SLV Y	16.75	14.77	23.38
67	67	42	SISMA SLV Y	25.8	19.53	20.09
67	67	152	SISMA SLD X	8.81	7.27	9.67
67	67	151	SISMA SLD X	5.09	8.49	11.32
67	67	45	SISMA SLD X	6.42	15.08	9.98
67	67	42	SISMA SLD X	9.97	13.04	8.31
67	67	152	SISMA SLD Y	8.32	12.22	10.92
67	67	151	SISMA SLD Y	3.96	7.95	12.54
67	67	45	SISMA SLD Y	8.18	7.22	11.42
67	67	42	SISMA SLD Y	12.6	9.54	9.81
67	67	152	SISMA SLO X	7.3	6.02	8.01
67	67	151	SISMA SLO X	4.21	7.03	9.38
67	67	45	SISMA SLO X	5.32	12.5	8.27
67	67	42	SISMA SLO X	8.26	10.8	6.88
67	67	152	SISMA SLO Y	6.89	10.12	9.04
67	67	151	SISMA SLO Y	3.28	6.58	10.39
67	67	45	SISMA SLO Y	6.78	5.98	9.46
67	67	42	SISMA SLO Y	10.43	7.9	8.13
67	67	152	SLT	0.	0.	0.
67	67	151	SLT	0.	0.	0.
67	67	45	SLT	0.	0.	0.
67	67	42	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
67	67	152	~TorsionSISMA SLV X	0.	0.	0.
67	67	151	~TorsionSISMA SLV X	0.	0.	0.
67	67	45	~TorsionSISMA SLV X	0.	0.	0.
67	67	42	~TorsionSISMA SLV X	0.	0.	0.
67	67	152	~TorsionSISMA SLV Y	0.	0.	0.
67	67	151	~TorsionSISMA SLV Y	0.	0.	0.
67	67	45	~TorsionSISMA SLV Y	0.	0.	0.
67	67	42	~TorsionSISMA SLV Y	0.	0.	0.
67	67	152	~TorsionSISMA SLD X	0.	0.	0.
67	67	151	~TorsionSISMA SLD X	0.	0.	0.
67	67	45	~TorsionSISMA SLD X	0.	0.	0.
67	67	42	~TorsionSISMA SLD X	0.	0.	0.
67	67	152	~TorsionSISMA SLD Y	0.	0.	0.
67	67	151	~TorsionSISMA SLD Y	0.	0.	0.
67	67	45	~TorsionSISMA SLD Y	0.	0.	0.
67	67	42	~TorsionSISMA SLD Y	0.	0.	0.
67	67	152	~TorsionSISMA SLO X	0.	0.	0.
67	67	151	~TorsionSISMA SLO X	0.	0.	0.
67	67	45	~TorsionSISMA SLO X	0.	0.	0.
67	67	42	~TorsionSISMA SLO X	0.	0.	0.
67	67	152	~TorsionSISMA SLO Y	0.	0.	0.
67	67	151	~TorsionSISMA SLO Y	0.	0.	0.
67	67	45	~TorsionSISMA SLO Y	0.	0.	0.
67	67	42	~TorsionSISMA SLO Y	0.	0.	0.
68	68	42	G1_K	51.82	-16.82	-2.33
68	68	45	G1_K	6.01	-63.25	10.08
68	68	153	G1_K	16.12	-74.6	6.3
68	68	154	G1_K	61.99	-27.26	-6.11
68	68	42	G2_K	-4.74	-12.7	12.33
68	68	45	G2_K	1.85	-5.06	11.61
68	68	153	G2_K	0.48	-13.21	11.7
68	68	154	G2_K	-5.91	-21.93	12.42
68	68	42	Q_K	33.92	7.96	-2.03
68	68	45	Q_K	3.29	-19.54	5.7
68	68	153	Q_K	10.73	-27.25	3.21

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
68	68	154	Q_K	41.39	0.84	-4.52
68	68	42	N_K	4.07	0.96	-0.24
68	68	45	N_K	0.39	-2.35	0.68
68	68	153	N_K	1.29	-3.27	0.38
68	68	154	N_K	4.97	0.1	-0.54
68	68	42	T+_K	0.	0.	0.
68	68	45	T+_K	0.	0.	0.
68	68	153	T+_K	0.	0.	0.
68	68	154	T+_K	0.	0.	0.
68	68	42	T-_K	0.	0.	0.
68	68	45	T-_K	0.	0.	0.
68	68	153	T-_K	0.	0.	0.
68	68	154	T-_K	0.	0.	0.
68	68	42	G1_D	67.36	-21.87	-3.03
68	68	45	G1_D	7.81	-82.22	13.1
68	68	153	G1_D	20.95	-96.98	8.19
68	68	154	G1_D	80.59	-35.44	-7.94
68	68	42	G2_D	-6.16	-16.51	16.03
68	68	45	G2_D	2.41	-6.58	15.09
68	68	153	G2_D	0.63	-17.17	15.2
68	68	154	G2_D	-7.68	-28.5	16.14
68	68	42	Q_D	50.87	11.94	-3.04
68	68	45	Q_D	4.93	-29.31	8.55
68	68	153	Q_D	16.09	-40.87	4.81
68	68	154	Q_D	62.08	1.26	-6.78
68	68	42	N_D	6.1	1.43	-0.36
68	68	45	N_D	0.59	-3.52	1.03
68	68	153	N_D	1.93	-4.9	0.58
68	68	154	N_D	7.45	0.15	-0.81
68	68	42	T+_D	0.	0.	0.
68	68	45	T+_D	0.	0.	0.
68	68	153	T+_D	0.	0.	0.
68	68	154	T+_D	0.	0.	0.
68	68	42	T-_D	0.	0.	0.
68	68	45	T-_D	0.	0.	0.
68	68	153	T-_D	0.	0.	0.
68	68	154	T-_D	0.	0.	0.
68	68	42	W+_K	0.	0.	0.
68	68	45	W+_K	0.	0.	0.
68	68	153	W+_K	0.	0.	0.
68	68	154	W+_K	0.	0.	0.
68	68	42	W-_K	0.	0.	0.
68	68	45	W-_K	0.	0.	0.
68	68	153	W-_K	0.	0.	0.
68	68	154	W-_K	0.	0.	0.
68	68	42	W+_D	0.	0.	0.
68	68	45	W+_D	0.	0.	0.
68	68	153	W+_D	0.	0.	0.
68	68	154	W+_D	0.	0.	0.
68	68	42	W-_D	0.	0.	0.
68	68	45	W-_D	0.	0.	0.
68	68	153	W-_D	0.	0.	0.
68	68	154	W-_D	0.	0.	0.
68	68	42	SISMA SLV X	27.66	8.53	16.73

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
68	68	45	SISMA SLV X	14.33	24.79	20.7
68	68	153	SISMA SLV X	14.47	35.7	13.81
68	68	154	SISMA SLV X	28.76	17.12	9.55
68	68	42	SISMA SLV Y	29.56	14.81	17.21
68	68	45	SISMA SLV Y	14.08	14.29	26.7
68	68	153	SISMA SLV Y	15.41	16.14	21.98
68	68	154	SISMA SLV Y	31.09	10.67	12.33
68	68	42	SISMA SLD X	13.51	4.17	8.17
68	68	45	SISMA SLD X	7.	12.11	10.11
68	68	153	SISMA SLD X	7.07	17.44	6.74
68	68	154	SISMA SLD X	14.05	8.36	4.66
68	68	42	SISMA SLD Y	14.44	7.23	8.41
68	68	45	SISMA SLD Y	6.88	6.98	13.04
68	68	153	SISMA SLD Y	7.53	7.88	10.74
68	68	154	SISMA SLD Y	15.19	5.21	6.02
68	68	42	SISMA SLO X	11.19	3.45	6.77
68	68	45	SISMA SLO X	5.8	10.03	8.38
68	68	153	SISMA SLO X	5.85	14.44	5.59
68	68	154	SISMA SLO X	11.64	6.93	3.86
68	68	42	SISMA SLO Y	11.96	5.99	6.96
68	68	45	SISMA SLO Y	5.7	5.78	10.8
68	68	153	SISMA SLO Y	6.23	6.53	8.89
68	68	154	SISMA SLO Y	12.58	4.32	4.99
68	68	42	SLT	0.	0.	0.
68	68	45	SLT	0.	0.	0.
68	68	153	SLT	0.	0.	0.
68	68	154	SLT	0.	0.	0.
68	68	42	~TorsionSISMA SLV X	0.	0.	0.
68	68	45	~TorsionSISMA SLV X	0.	0.	0.
68	68	153	~TorsionSISMA SLV X	0.	0.	0.
68	68	154	~TorsionSISMA SLV X	0.	0.	0.
68	68	42	~TorsionSISMA SLV Y	0.	0.	0.
68	68	45	~TorsionSISMA SLV Y	0.	0.	0.
68	68	153	~TorsionSISMA SLV Y	0.	0.	0.
68	68	154	~TorsionSISMA SLV Y	0.	0.	0.
68	68	42	~TorsionSISMA SLD X	0.	0.	0.
68	68	45	~TorsionSISMA SLD X	0.	0.	0.
68	68	153	~TorsionSISMA SLD X	0.	0.	0.
68	68	154	~TorsionSISMA SLD X	0.	0.	0.
68	68	42	~TorsionSISMA SLD Y	0.	0.	0.
68	68	45	~TorsionSISMA SLD Y	0.	0.	0.
68	68	153	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
68	68	154	~TorsionSISMA SLD Y	0.	0.	0.
68	68	42	~TorsionSISMA SLO X	0.	0.	0.
68	68	45	~TorsionSISMA SLO X	0.	0.	0.
68	68	153	~TorsionSISMA SLO X	0.	0.	0.
68	68	154	~TorsionSISMA SLO X	0.	0.	0.
68	68	42	~TorsionSISMA SLO Y	0.	0.	0.
68	68	45	~TorsionSISMA SLO Y	0.	0.	0.
68	68	153	~TorsionSISMA SLO Y	0.	0.	0.
68	68	154	~TorsionSISMA SLO Y	0.	0.	0.
69	69	154	G1_K	71.33	4.68	-8.15
69	69	153	G1_K	15.	-65.47	-0.95
69	69	46	G1_K	3.14	-103.8	-1.25
69	69	43	G1_K	59.44	-33.45	-8.45
69	69	154	G2_K	-1.34	-7.67	11.88
69	69	153	G2_K	0.63	-3.91	12.4
69	69	46	G2_K	2.53	-10.36	9.75
69	69	43	G2_K	0.72	-14.88	9.23
69	69	154	Q_K	45.68	14.26	-5.79
69	69	153	Q_K	8.72	-29.29	-1.4
69	69	46	Q_K	2.4	-54.25	-1.48
69	69	43	Q_K	39.33	-10.57	-5.87
69	69	154	N_K	5.48	1.71	-0.7
69	69	153	N_K	1.05	-3.51	-0.17
69	69	46	N_K	0.29	-6.51	-0.18
69	69	43	N_K	4.72	-1.27	-0.7
69	69	154	T+_K	0.	0.	0.
69	69	153	T+_K	0.	0.	0.
69	69	46	T+_K	0.	0.	0.
69	69	43	T+_K	0.	0.	0.
69	69	154	T-_K	0.	0.	0.
69	69	153	T-_K	0.	0.	0.
69	69	46	T-_K	0.	0.	0.
69	69	43	T-_K	0.	0.	0.
69	69	154	G1_D	92.73	6.08	-10.6
69	69	153	G1_D	19.49	-85.11	-1.23
69	69	46	G1_D	4.08	-134.94	-1.62
69	69	43	G1_D	77.27	-43.49	-10.99
69	69	154	G2_D	-1.75	-9.97	15.45
69	69	153	G2_D	0.81	-5.08	16.12
69	69	46	G2_D	3.29	-13.47	12.67
69	69	43	G2_D	0.94	-19.34	11.99
69	69	154	Q_D	68.52	21.4	-8.69
69	69	153	Q_D	13.08	-43.93	-2.1
69	69	46	Q_D	3.6	-81.37	-2.22
69	69	43	Q_D	58.99	-15.86	-8.81
69	69	154	N_D	8.22	2.57	-1.04
69	69	153	N_D	1.57	-5.27	-0.25

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
69	69	46	N_D	0.43	-9.76	-0.27
69	69	43	N_D	7.08	-1.9	-1.06
69	69	154	T+_D	0.	0.	0.
69	69	153	T+_D	0.	0.	0.
69	69	46	T+_D	0.	0.	0.
69	69	43	T+_D	0.	0.	0.
69	69	154	T-_D	0.	0.	0.
69	69	153	T-_D	0.	0.	0.
69	69	46	T-_D	0.	0.	0.
69	69	43	T-_D	0.	0.	0.
69	69	154	W+_K	0.	0.	0.
69	69	153	W+_K	0.	0.	0.
69	69	46	W+_K	0.	0.	0.
69	69	43	W+_K	0.	0.	0.
69	69	154	W-_K	0.	0.	0.
69	69	153	W-_K	0.	0.	0.
69	69	46	W-_K	0.	0.	0.
69	69	43	W-_K	0.	0.	0.
69	69	154	W+_D	0.	0.	0.
69	69	153	W+_D	0.	0.	0.
69	69	46	W+_D	0.	0.	0.
69	69	43	W+_D	0.	0.	0.
69	69	154	W-_D	0.	0.	0.
69	69	153	W-_D	0.	0.	0.
69	69	46	W-_D	0.	0.	0.
69	69	43	W-_D	0.	0.	0.
69	69	154	SISMA SLV X	30.69	5.31	10.53
69	69	153	SISMA SLV X	11.03	23.82	12.28
69	69	46	SISMA SLV X	10.95	31.92	9.05
69	69	43	SISMA SLV X	27.41	11.21	4.75
69	69	154	SISMA SLV Y	32.92	6.21	11.84
69	69	153	SISMA SLV Y	13.01	12.15	22.9
69	69	46	SISMA SLV Y	8.06	14.7	19.85
69	69	43	SISMA SLV Y	27.09	5.84	8.34
69	69	154	SISMA SLD X	14.99	2.6	5.14
69	69	153	SISMA SLD X	5.39	11.63	6.
69	69	46	SISMA SLD X	5.35	15.59	4.42
69	69	43	SISMA SLD X	13.39	5.48	2.32
69	69	154	SISMA SLD Y	16.08	3.03	5.78
69	69	153	SISMA SLD Y	6.35	5.93	11.18
69	69	46	SISMA SLD Y	3.94	7.18	9.69
69	69	43	SISMA SLD Y	13.23	2.85	4.08
69	69	154	SISMA SLO X	12.42	2.15	4.26
69	69	153	SISMA SLO X	4.46	9.64	4.97
69	69	46	SISMA SLO X	4.43	12.92	3.66
69	69	43	SISMA SLO X	11.09	4.54	1.92
69	69	154	SISMA SLO Y	13.31	2.51	4.79
69	69	153	SISMA SLO Y	5.26	4.91	9.26
69	69	46	SISMA SLO Y	3.26	5.95	8.03
69	69	43	SISMA SLO Y	10.96	2.36	3.37
69	69	154	SLT	0.	0.	0.
69	69	153	SLT	0.	0.	0.
69	69	46	SLT	0.	0.	0.
69	69	43	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
69	69	154	~TorsionSISMA SLV X	0.	0.	0.
69	69	153	~TorsionSISMA SLV X	0.	0.	0.
69	69	46	~TorsionSISMA SLV X	0.	0.	0.
69	69	43	~TorsionSISMA SLV X	0.	0.	0.
69	69	154	~TorsionSISMA SLV Y	0.	0.	0.
69	69	153	~TorsionSISMA SLV Y	0.	0.	0.
69	69	46	~TorsionSISMA SLV Y	0.	0.	0.
69	69	43	~TorsionSISMA SLV Y	0.	0.	0.
69	69	154	~TorsionSISMA SLD X	0.	0.	0.
69	69	153	~TorsionSISMA SLD X	0.	0.	0.
69	69	46	~TorsionSISMA SLD X	0.	0.	0.
69	69	43	~TorsionSISMA SLD X	0.	0.	0.
69	69	154	~TorsionSISMA SLD Y	0.	0.	0.
69	69	153	~TorsionSISMA SLD Y	0.	0.	0.
69	69	46	~TorsionSISMA SLD Y	0.	0.	0.
69	69	43	~TorsionSISMA SLD Y	0.	0.	0.
69	69	154	~TorsionSISMA SLO X	0.	0.	0.
69	69	153	~TorsionSISMA SLO X	0.	0.	0.
69	69	46	~TorsionSISMA SLO X	0.	0.	0.
69	69	43	~TorsionSISMA SLO X	0.	0.	0.
69	69	154	~TorsionSISMA SLO Y	0.	0.	0.
69	69	153	~TorsionSISMA SLO Y	0.	0.	0.
69	69	46	~TorsionSISMA SLO Y	0.	0.	0.
69	69	43	~TorsionSISMA SLO Y	0.	0.	0.
70	70	43	G1_K	67.47	34.71	8.43
70	70	46	G1_K	7.62	-109.4	-24.49
70	70	113	G1_K	-65.01	-184.35	-58.98
70	70	103	G1_K	-6.15	-34.88	-26.06
70	70	43	G2_K	5.35	-0.75	7.97
70	70	46	G2_K	1.48	-6.62	7.39
70	70	113	G2_K	5.82	-13.11	2.79
70	70	103	G2_K	9.87	-8.1	3.37
70	70	43	Q_K	42.88	26.08	4.95
70	70	46	Q_K	3.81	-66.08	-16.34
70	70	113	Q_K	-41.46	-114.54	-38.26

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
70	70	103	Q_K	-3.03	-18.96	-16.97
70	70	43	N_K	5.15	3.13	0.59
70	70	46	N_K	0.46	-7.93	-1.96
70	70	113	N_K	-4.98	-13.74	-4.59
70	70	103	N_K	-0.36	-2.28	-2.04
70	70	43	T+_K	0.	0.	0.
70	70	46	T+_K	0.	0.	0.
70	70	113	T+_K	0.	0.	0.
70	70	103	T+_K	0.	0.	0.
70	70	43	T-_K	0.	0.	0.
70	70	46	T-_K	0.	0.	0.
70	70	113	T-_K	0.	0.	0.
70	70	103	T-_K	0.	0.	0.
70	70	43	G1_D	87.71	45.13	10.95
70	70	46	G1_D	9.91	-142.22	-31.84
70	70	113	G1_D	-84.51	-239.66	-76.67
70	70	103	G1_D	-8.	-45.35	-33.88
70	70	43	G2_D	6.95	-0.97	10.36
70	70	46	G2_D	1.92	-8.6	9.6
70	70	113	G2_D	7.57	-17.04	3.63
70	70	103	G2_D	12.83	-10.53	4.38
70	70	43	Q_D	64.32	39.12	7.42
70	70	46	Q_D	5.72	-99.11	-24.51
70	70	113	Q_D	-62.2	-171.81	-57.39
70	70	103	Q_D	-4.55	-28.44	-25.46
70	70	43	N_D	7.72	4.69	0.89
70	70	46	N_D	0.69	-11.89	-2.94
70	70	113	N_D	-7.46	-20.62	-6.89
70	70	103	N_D	-0.55	-3.41	-3.06
70	70	43	T+_D	0.	0.	0.
70	70	46	T+_D	0.	0.	0.
70	70	113	T+_D	0.	0.	0.
70	70	103	T+_D	0.	0.	0.
70	70	43	T-_D	0.	0.	0.
70	70	46	T-_D	0.	0.	0.
70	70	113	T-_D	0.	0.	0.
70	70	103	T-_D	0.	0.	0.
70	70	43	W+_K	0.	0.	0.
70	70	46	W+_K	0.	0.	0.
70	70	113	W+_K	0.	0.	0.
70	70	103	W+_K	0.	0.	0.
70	70	43	W-_K	0.	0.	0.
70	70	46	W-_K	0.	0.	0.
70	70	113	W-_K	0.	0.	0.
70	70	103	W-_K	0.	0.	0.
70	70	43	W+_D	0.	0.	0.
70	70	46	W+_D	0.	0.	0.
70	70	113	W+_D	0.	0.	0.
70	70	103	W+_D	0.	0.	0.
70	70	43	W-_D	0.	0.	0.
70	70	46	W-_D	0.	0.	0.
70	70	113	W-_D	0.	0.	0.
70	70	103	W-_D	0.	0.	0.
70	70	43	SISMA SLV X	23.67	5.91	3.79

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
70	70	46	SISMA SLV X	3.43	18.8	12.61
70	70	113	SISMA SLV X	9.77	25.14	15.92
70	70	103	SISMA SLV X	15.3	3.93	4.96
70	70	43	SISMA SLV Y	26.34	3.64	5.54
70	70	46	SISMA SLV Y	6.63	11.49	24.09
70	70	113	SISMA SLV Y	10.57	16.23	22.99
70	70	103	SISMA SLV Y	10.41	2.57	4.25
70	70	43	SISMA SLD X	11.56	2.88	1.85
70	70	46	SISMA SLD X	1.68	9.18	6.16
70	70	113	SISMA SLD X	4.77	12.28	7.78
70	70	103	SISMA SLD X	7.47	1.92	2.42
70	70	43	SISMA SLD Y	12.86	1.78	2.7
70	70	46	SISMA SLD Y	3.24	5.61	11.77
70	70	113	SISMA SLD Y	5.16	7.93	11.23
70	70	103	SISMA SLD Y	5.08	1.26	2.08
70	70	43	SISMA SLO X	9.58	2.39	1.53
70	70	46	SISMA SLO X	1.39	7.61	5.1
70	70	113	SISMA SLO X	3.95	10.17	6.44
70	70	103	SISMA SLO X	6.19	1.59	2.01
70	70	43	SISMA SLO Y	10.65	1.47	2.24
70	70	46	SISMA SLO Y	2.68	4.65	9.74
70	70	113	SISMA SLO Y	4.28	6.56	9.3
70	70	103	SISMA SLO Y	4.21	1.04	1.72
70	70	43	SLT	0.	0.	0.
70	70	46	SLT	0.	0.	0.
70	70	113	SLT	0.	0.	0.
70	70	103	SLT	0.	0.	0.
70	70	43	~TorsionSISMA SLV X	0.	0.	0.
70	70	46	~TorsionSISMA SLV X	0.	0.	0.
70	70	113	~TorsionSISMA SLV X	0.	0.	0.
70	70	103	~TorsionSISMA SLV X	0.	0.	0.
70	70	43	~TorsionSISMA SLV Y	0.	0.	0.
70	70	46	~TorsionSISMA SLV Y	0.	0.	0.
70	70	113	~TorsionSISMA SLV Y	0.	0.	0.
70	70	103	~TorsionSISMA SLV Y	0.	0.	0.
70	70	43	~TorsionSISMA SLD X	0.	0.	0.
70	70	46	~TorsionSISMA SLD X	0.	0.	0.
70	70	113	~TorsionSISMA SLD X	0.	0.	0.
70	70	103	~TorsionSISMA SLD X	0.	0.	0.
70	70	43	~TorsionSISMA SLD Y	0.	0.	0.
70	70	46	~TorsionSISMA SLD Y	0.	0.	0.
70	70	113	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
70	70	103	~TorsionSISMA SLD Y	0.	0.	0.
70	70	43	~TorsionSISMA SLO X	0.	0.	0.
70	70	46	~TorsionSISMA SLO X	0.	0.	0.
70	70	113	~TorsionSISMA SLO X	0.	0.	0.
70	70	103	~TorsionSISMA SLO X	0.	0.	0.
70	70	43	~TorsionSISMA SLO Y	0.	0.	0.
70	70	46	~TorsionSISMA SLO Y	0.	0.	0.
70	70	113	~TorsionSISMA SLO Y	0.	0.	0.
70	70	103	~TorsionSISMA SLO Y	0.	0.	0.
71	71	150	G1_K	-11.6	-61.73	-1.72
71	71	155	G1_K	-13.04	-61.44	-0.31
71	71	47	G1_K	-10.98	-79.99	0.7
71	71	44	G1_K	-9.51	-80.24	-0.72
71	71	150	G2_K	1.41	8.88	0.24
71	71	155	G2_K	2.68	11.58	-1.69
71	71	47	G2_K	-4.18	-7.31	-4.05
71	71	44	G2_K	-5.38	-10.73	-2.12
71	71	150	Q_K	0.81	0.93	0.48
71	71	155	Q_K	8.484E-02	3.54	-0.65
71	71	47	Q_K	-1.1	-6.95	1.01
71	71	44	Q_K	-0.37	-9.38	2.13
71	71	150	N_K	9.707E-02	0.11	5.720E-02
71	71	155	N_K	1.018E-02	0.42	-7.741E-02
71	71	47	N_K	-0.13	-0.83	0.12
71	71	44	N_K	-4.381E-02	-1.13	0.26
71	71	150	T+_K	0.	0.	0.
71	71	155	T+_K	0.	0.	0.
71	71	47	T+_K	0.	0.	0.
71	71	44	T+_K	0.	0.	0.
71	71	150	T-_K	0.	0.	0.
71	71	155	T-_K	0.	0.	0.
71	71	47	T-_K	0.	0.	0.
71	71	44	T-_K	0.	0.	0.
71	71	150	G1_D	-15.08	-80.25	-2.24
71	71	155	G1_D	-16.95	-79.87	-0.4
71	71	47	G1_D	-14.27	-103.98	0.91
71	71	44	G1_D	-12.36	-104.32	-0.93
71	71	150	G2_D	1.83	11.54	0.31
71	71	155	G2_D	3.49	15.05	-2.19
71	71	47	G2_D	-5.43	-9.5	-5.26
71	71	44	G2_D	-6.99	-13.95	-2.75
71	71	150	Q_D	1.21	1.4	0.71
71	71	155	Q_D	0.13	5.3	-0.97
71	71	47	Q_D	-1.65	-10.42	1.52
71	71	44	Q_D	-0.55	-14.07	3.2
71	71	150	N_D	0.15	0.17	8.580E-02
71	71	155	N_D	1.527E-02	0.64	-0.12

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
71	71	47	N_D	-0.2	-1.25	0.18
71	71	44	N_D	-6.572E-02	-1.69	0.38
71	71	150	T+_D	0.	0.	0.
71	71	155	T+_D	0.	0.	0.
71	71	47	T+_D	0.	0.	0.
71	71	44	T+_D	0.	0.	0.
71	71	150	T-_D	0.	0.	0.
71	71	155	T-_D	0.	0.	0.
71	71	47	T-_D	0.	0.	0.
71	71	44	T-_D	0.	0.	0.
71	71	150	W+_K	0.	0.	0.
71	71	155	W+_K	0.	0.	0.
71	71	47	W+_K	0.	0.	0.
71	71	44	W+_K	0.	0.	0.
71	71	150	W-_K	0.	0.	0.
71	71	155	W-_K	0.	0.	0.
71	71	47	W-_K	0.	0.	0.
71	71	44	W-_K	0.	0.	0.
71	71	150	W+_D	0.	0.	0.
71	71	155	W+_D	0.	0.	0.
71	71	47	W+_D	0.	0.	0.
71	71	44	W+_D	0.	0.	0.
71	71	150	W-_D	0.	0.	0.
71	71	155	W-_D	0.	0.	0.
71	71	47	W-_D	0.	0.	0.
71	71	44	W-_D	0.	0.	0.
71	71	150	SISMA SLV X	9.96	44.87	8.65
71	71	155	SISMA SLV X	10.27	56.64	7.49
71	71	47	SISMA SLV X	5.47	9.37	12.98
71	71	44	SISMA SLV X	5.74	9.5	16.11
71	71	150	SISMA SLV Y	4.68	23.58	17.09
71	71	155	SISMA SLV Y	4.52	25.5	15.98
71	71	47	SISMA SLV Y	2.49	4.73	28.74
71	71	44	SISMA SLV Y	3.25	16.19	30.05
71	71	150	SISMA SLD X	4.87	21.91	4.22
71	71	155	SISMA SLD X	5.02	27.66	3.66
71	71	47	SISMA SLD X	2.67	4.57	6.34
71	71	44	SISMA SLD X	2.8	4.64	7.87
71	71	150	SISMA SLD Y	2.28	11.52	8.35
71	71	155	SISMA SLD Y	2.21	12.45	7.8
71	71	47	SISMA SLD Y	1.22	2.31	14.03
71	71	44	SISMA SLD Y	1.59	7.91	14.67
71	71	150	SISMA SLO X	4.03	18.14	3.5
71	71	155	SISMA SLO X	4.15	22.91	3.03
71	71	47	SISMA SLO X	2.21	3.78	5.25
71	71	44	SISMA SLO X	2.32	3.84	6.52
71	71	150	SISMA SLO Y	1.89	9.54	6.91
71	71	155	SISMA SLO Y	1.83	10.31	6.46
71	71	47	SISMA SLO Y	1.01	1.91	11.62
71	71	44	SISMA SLO Y	1.31	6.55	12.15
71	71	150	SLT	0.	0.	0.
71	71	155	SLT	0.	0.	0.
71	71	47	SLT	0.	0.	0.
71	71	44	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
71	71	150	~TorsionSISMA SLV X	0.	0.	0.
71	71	155	~TorsionSISMA SLV X	0.	0.	0.
71	71	47	~TorsionSISMA SLV X	0.	0.	0.
71	71	44	~TorsionSISMA SLV X	0.	0.	0.
71	71	150	~TorsionSISMA SLV Y	0.	0.	0.
71	71	155	~TorsionSISMA SLV Y	0.	0.	0.
71	71	47	~TorsionSISMA SLV Y	0.	0.	0.
71	71	44	~TorsionSISMA SLV Y	0.	0.	0.
71	71	150	~TorsionSISMA SLD X	0.	0.	0.
71	71	155	~TorsionSISMA SLD X	0.	0.	0.
71	71	47	~TorsionSISMA SLD X	0.	0.	0.
71	71	44	~TorsionSISMA SLD X	0.	0.	0.
71	71	150	~TorsionSISMA SLD Y	0.	0.	0.
71	71	155	~TorsionSISMA SLD Y	0.	0.	0.
71	71	47	~TorsionSISMA SLD Y	0.	0.	0.
71	71	44	~TorsionSISMA SLD Y	0.	0.	0.
71	71	150	~TorsionSISMA SLO X	0.	0.	0.
71	71	155	~TorsionSISMA SLO X	0.	0.	0.
71	71	47	~TorsionSISMA SLO X	0.	0.	0.
71	71	44	~TorsionSISMA SLO X	0.	0.	0.
71	71	150	~TorsionSISMA SLO Y	0.	0.	0.
71	71	155	~TorsionSISMA SLO Y	0.	0.	0.
71	71	47	~TorsionSISMA SLO Y	0.	0.	0.
71	71	44	~TorsionSISMA SLO Y	0.	0.	0.
72	72	44	G1_K	-5.06	-65.31	3.24
72	72	47	G1_K	-7.91	-57.37	-2.83
72	72	156	G1_K	-10.36	-76.23	2.61
72	72	151	G1_K	-7.37	-84.9	8.68
72	72	44	G2_K	-4.19	-3.35	-2.23
72	72	47	G2_K	-0.51	9.57	-3.3
72	72	156	G2_K	-1.79	-6.57	-1.39
72	72	151	G2_K	-5.43	-19.74	-0.32
72	72	44	Q_K	1.64	-4.54	3.73
72	72	47	Q_K	-1.13	-1.94	-1.06
72	72	156	Q_K	-4.53	-13.05	1.55

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
72	72	151	Q_K	-1.67	-16.13	6.33
72	72	44	N_K	0.2	-0.55	0.45
72	72	47	N_K	-0.14	-0.23	-0.13
72	72	156	N_K	-0.54	-1.57	0.19
72	72	151	N_K	-0.2	-1.94	0.76
72	72	44	T+_K	0.	0.	0.
72	72	47	T+_K	0.	0.	0.
72	72	156	T+_K	0.	0.	0.
72	72	151	T+_K	0.	0.	0.
72	72	44	T-_K	0.	0.	0.
72	72	47	T-_K	0.	0.	0.
72	72	156	T-_K	0.	0.	0.
72	72	151	T-_K	0.	0.	0.
72	72	44	G1_D	-6.58	-84.9	4.21
72	72	47	G1_D	-10.29	-74.58	-3.67
72	72	156	G1_D	-13.46	-99.1	3.39
72	72	151	G1_D	-9.58	-110.37	11.28
72	72	44	G2_D	-5.44	-4.36	-2.89
72	72	47	G2_D	-0.67	12.45	-4.28
72	72	156	G2_D	-2.33	-8.54	-1.8
72	72	151	G2_D	-7.06	-25.66	-0.41
72	72	44	Q_D	2.45	-6.81	5.59
72	72	47	Q_D	-1.7	-2.91	-1.59
72	72	156	Q_D	-6.8	-19.57	2.32
72	72	151	Q_D	-2.51	-24.19	9.5
72	72	44	N_D	0.29	-0.82	0.67
72	72	47	N_D	-0.2	-0.35	-0.19
72	72	156	N_D	-0.82	-2.35	0.28
72	72	151	N_D	-0.3	-2.9	1.14
72	72	44	T+_D	0.	0.	0.
72	72	47	T+_D	0.	0.	0.
72	72	156	T+_D	0.	0.	0.
72	72	151	T+_D	0.	0.	0.
72	72	44	T-_D	0.	0.	0.
72	72	47	T-_D	0.	0.	0.
72	72	156	T-_D	0.	0.	0.
72	72	151	T-_D	0.	0.	0.
72	72	44	W+_K	0.	0.	0.
72	72	47	W+_K	0.	0.	0.
72	72	156	W+_K	0.	0.	0.
72	72	151	W+_K	0.	0.	0.
72	72	44	W-_K	0.	0.	0.
72	72	47	W-_K	0.	0.	0.
72	72	156	W-_K	0.	0.	0.
72	72	151	W-_K	0.	0.	0.
72	72	44	W+_D	0.	0.	0.
72	72	47	W+_D	0.	0.	0.
72	72	156	W+_D	0.	0.	0.
72	72	151	W+_D	0.	0.	0.
72	72	44	W-_D	0.	0.	0.
72	72	47	W-_D	0.	0.	0.
72	72	156	W-_D	0.	0.	0.
72	72	151	W-_D	0.	0.	0.
72	72	44	SISMA SLV X	1.99	13.39	16.1

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
72	72	47	SISMA SLV X	4.86	21.93	10.99
72	72	156	SISMA SLV X	18.52	20.87	9.95
72	72	151	SISMA SLV X	14.35	31.86	16.93
72	72	44	SISMA SLV Y	1.01	14.13	25.76
72	72	47	SISMA SLV Y	3.33	9.74	24.86
72	72	156	SISMA SLV Y	8.33	9.42	22.13
72	72	151	SISMA SLV Y	6.66	20.51	23.29
72	72	44	SISMA SLD X	0.97	6.54	7.86
72	72	47	SISMA SLD X	2.37	10.71	5.37
72	72	156	SISMA SLD X	9.04	10.19	4.86
72	72	151	SISMA SLD X	7.01	15.56	8.27
72	72	44	SISMA SLD Y	0.49	6.9	12.58
72	72	47	SISMA SLD Y	1.62	4.76	12.14
72	72	156	SISMA SLD Y	4.07	4.6	10.81
72	72	151	SISMA SLD Y	3.25	10.02	11.38
72	72	44	SISMA SLO X	0.8	5.41	6.51
72	72	47	SISMA SLO X	1.96	8.87	4.44
72	72	156	SISMA SLO X	7.49	8.44	4.02
72	72	151	SISMA SLO X	5.8	12.89	6.85
72	72	44	SISMA SLO Y	0.41	5.72	10.42
72	72	47	SISMA SLO Y	1.35	3.94	10.05
72	72	156	SISMA SLO Y	3.37	3.81	8.95
72	72	151	SISMA SLO Y	2.69	8.3	9.42
72	72	44	SLT	0.	0.	0.
72	72	47	SLT	0.	0.	0.
72	72	156	SLT	0.	0.	0.
72	72	151	SLT	0.	0.	0.
72	72	44	~TorsionSISMA SLV X	0.	0.	0.
72	72	47	~TorsionSISMA SLV X	0.	0.	0.
72	72	156	~TorsionSISMA SLV X	0.	0.	0.
72	72	151	~TorsionSISMA SLV X	0.	0.	0.
72	72	44	~TorsionSISMA SLV Y	0.	0.	0.
72	72	47	~TorsionSISMA SLV Y	0.	0.	0.
72	72	156	~TorsionSISMA SLV Y	0.	0.	0.
72	72	151	~TorsionSISMA SLV Y	0.	0.	0.
72	72	44	~TorsionSISMA SLD X	0.	0.	0.
72	72	47	~TorsionSISMA SLD X	0.	0.	0.
72	72	156	~TorsionSISMA SLD X	0.	0.	0.
72	72	151	~TorsionSISMA SLD X	0.	0.	0.
72	72	44	~TorsionSISMA SLD Y	0.	0.	0.
72	72	47	~TorsionSISMA SLD Y	0.	0.	0.
72	72	156	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
72	72	151	~TorsionSISMA SLD Y	0.	0.	0.
72	72	44	~TorsionSISMA SLO X	0.	0.	0.
72	72	47	~TorsionSISMA SLO X	0.	0.	0.
72	72	156	~TorsionSISMA SLO X	0.	0.	0.
72	72	151	~TorsionSISMA SLO X	0.	0.	0.
72	72	44	~TorsionSISMA SLO Y	0.	0.	0.
72	72	47	~TorsionSISMA SLO Y	0.	0.	0.
72	72	156	~TorsionSISMA SLO Y	0.	0.	0.
72	72	151	~TorsionSISMA SLO Y	0.	0.	0.
73	73	151	G1_K	-0.14	-54.47	12.68
73	73	156	G1_K	-9.26	-65.04	-0.7
73	73	48	G1_K	-19.47	-88.53	-2.13
73	73	45	G1_K	-10.38	-77.37	11.25
73	73	151	G2_K	-2.77	-6.21	2.97
73	73	156	G2_K	0.27	3.51	-3.49
73	73	48	G2_K	-1.58	-10.11	-0.48
73	73	45	G2_K	-4.54	-20.31	5.98
73	73	151	Q_K	1.21	-5.73	7.91
73	73	156	Q_K	-5.18	-12.3	-0.25
73	73	48	Q_K	-11.58	-26.69	-1.78
73	73	45	Q_K	-5.21	-19.73	6.39
73	73	151	N_K	0.15	-0.69	0.95
73	73	156	N_K	-0.62	-1.48	-3.010E-02
73	73	48	N_K	-1.39	-3.2	-0.21
73	73	45	N_K	-0.63	-2.37	0.77
73	73	151	T+_K	0.	0.	0.
73	73	156	T+_K	0.	0.	0.
73	73	48	T+_K	0.	0.	0.
73	73	45	T+_K	0.	0.	0.
73	73	151	T-_K	0.	0.	0.
73	73	156	T-_K	0.	0.	0.
73	73	48	T-_K	0.	0.	0.
73	73	45	T-_K	0.	0.	0.
73	73	151	G1_D	-0.18	-70.82	16.49
73	73	156	G1_D	-12.04	-84.55	-0.91
73	73	48	G1_D	-25.31	-115.1	-2.77
73	73	45	G1_D	-13.5	-100.58	14.63
73	73	151	G2_D	-3.59	-8.07	3.86
73	73	156	G2_D	0.35	4.57	-4.54
73	73	48	G2_D	-2.06	-13.15	-0.63
73	73	45	G2_D	-5.91	-26.4	7.77
73	73	151	Q_D	1.81	-8.59	11.87
73	73	156	Q_D	-7.78	-18.45	-0.38
73	73	48	Q_D	-17.36	-40.04	-2.67
73	73	45	Q_D	-7.81	-29.6	9.58
73	73	151	N_D	0.22	-1.03	1.42
73	73	156	N_D	-0.93	-2.21	-4.515E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
73	73	48	N_D	-2.08	-4.81	-0.32
73	73	45	N_D	-0.94	-3.55	1.15
73	73	151	T+_D	0.	0.	0.
73	73	156	T+_D	0.	0.	0.
73	73	48	T+_D	0.	0.	0.
73	73	45	T+_D	0.	0.	0.
73	73	151	T-_D	0.	0.	0.
73	73	156	T-_D	0.	0.	0.
73	73	48	T-_D	0.	0.	0.
73	73	45	T-_D	0.	0.	0.
73	73	151	W+_K	0.	0.	0.
73	73	156	W+_K	0.	0.	0.
73	73	48	W+_K	0.	0.	0.
73	73	45	W+_K	0.	0.	0.
73	73	151	W-_K	0.	0.	0.
73	73	156	W-_K	0.	0.	0.
73	73	48	W-_K	0.	0.	0.
73	73	45	W-_K	0.	0.	0.
73	73	151	W+_D	0.	0.	0.
73	73	156	W+_D	0.	0.	0.
73	73	48	W+_D	0.	0.	0.
73	73	45	W+_D	0.	0.	0.
73	73	151	W-_D	0.	0.	0.
73	73	156	W-_D	0.	0.	0.
73	73	48	W-_D	0.	0.	0.
73	73	45	W-_D	0.	0.	0.
73	73	151	SISMA SLV X	8.71	10.	17.68
73	73	156	SISMA SLV X	18.17	11.77	11.
73	73	48	SISMA SLV X	28.39	43.2	11.74
73	73	45	SISMA SLV X	18.46	40.47	17.05
73	73	151	SISMA SLV Y	5.59	11.59	22.35
73	73	156	SISMA SLV Y	8.56	6.06	24.47
73	73	48	SISMA SLV Y	12.96	19.71	26.64
73	73	45	SISMA SLV Y	9.16	21.66	24.27
73	73	151	SISMA SLD X	4.25	4.88	8.63
73	73	156	SISMA SLD X	8.87	5.75	5.37
73	73	48	SISMA SLD X	13.87	21.1	5.74
73	73	45	SISMA SLD X	9.02	19.77	8.33
73	73	151	SISMA SLD Y	2.73	5.66	10.92
73	73	156	SISMA SLD Y	4.18	2.96	11.95
73	73	48	SISMA SLD Y	6.33	9.63	13.01
73	73	45	SISMA SLD Y	4.48	10.58	11.85
73	73	151	SISMA SLO X	3.52	4.04	7.15
73	73	156	SISMA SLO X	7.35	4.76	4.45
73	73	48	SISMA SLO X	11.49	17.48	4.75
73	73	45	SISMA SLO X	7.47	16.37	6.9
73	73	151	SISMA SLO Y	2.26	4.69	9.04
73	73	156	SISMA SLO Y	3.46	2.45	9.9
73	73	48	SISMA SLO Y	5.24	7.97	10.78
73	73	45	SISMA SLO Y	3.71	8.76	9.82
73	73	151	SLT	0.	0.	0.
73	73	156	SLT	0.	0.	0.
73	73	48	SLT	0.	0.	0.
73	73	45	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
73	73	151	~TorsionSISMA SLV X	0.	0.	0.
73	73	156	~TorsionSISMA SLV X	0.	0.	0.
73	73	48	~TorsionSISMA SLV X	0.	0.	0.
73	73	45	~TorsionSISMA SLV X	0.	0.	0.
73	73	151	~TorsionSISMA SLV Y	0.	0.	0.
73	73	156	~TorsionSISMA SLV Y	0.	0.	0.
73	73	48	~TorsionSISMA SLV Y	0.	0.	0.
73	73	45	~TorsionSISMA SLV Y	0.	0.	0.
73	73	151	~TorsionSISMA SLD X	0.	0.	0.
73	73	156	~TorsionSISMA SLD X	0.	0.	0.
73	73	48	~TorsionSISMA SLD X	0.	0.	0.
73	73	45	~TorsionSISMA SLD X	0.	0.	0.
73	73	151	~TorsionSISMA SLD Y	0.	0.	0.
73	73	156	~TorsionSISMA SLD Y	0.	0.	0.
73	73	48	~TorsionSISMA SLD Y	0.	0.	0.
73	73	45	~TorsionSISMA SLD Y	0.	0.	0.
73	73	151	~TorsionSISMA SLO X	0.	0.	0.
73	73	156	~TorsionSISMA SLO X	0.	0.	0.
73	73	48	~TorsionSISMA SLO X	0.	0.	0.
73	73	45	~TorsionSISMA SLO X	0.	0.	0.
73	73	151	~TorsionSISMA SLO Y	0.	0.	0.
73	73	156	~TorsionSISMA SLO Y	0.	0.	0.
73	73	48	~TorsionSISMA SLO Y	0.	0.	0.
73	73	45	~TorsionSISMA SLO Y	0.	0.	0.
74	74	45	G1_K	-5.21	-58.15	9.81
74	74	48	G1_K	-17.29	-71.04	-1.56
74	74	157	G1_K	-34.58	-101.89	-8.448E-02
74	74	153	G1_K	-22.38	-89.64	11.28
74	74	45	G2_K	-1.14	-3.54	5.48
74	74	48	G2_K	0.31	-0.36	0.29
74	74	157	G2_K	0.83	-12.12	-5.304E-02
74	74	153	G2_K	-0.58	-15.54	5.14
74	74	45	Q_K	-3.77	-16.68	5.38
74	74	48	Q_K	-11.85	-23.96	-1.45
74	74	157	Q_K	-21.63	-43.25	-0.4

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
74	74	153	Q_K	-13.47	-36.36	6.43
74	74	45	N_K	-0.45	-2.	0.65
74	74	48	N_K	-1.42	-2.88	-0.17
74	74	157	N_K	-2.6	-5.19	-4.779E-02
74	74	153	N_K	-1.62	-4.36	0.77
74	74	45	T+_K	0.	0.	0.
74	74	48	T+_K	0.	0.	0.
74	74	157	T+_K	0.	0.	0.
74	74	153	T+_K	0.	0.	0.
74	74	45	T-_K	0.	0.	0.
74	74	48	T-_K	0.	0.	0.
74	74	157	T-_K	0.	0.	0.
74	74	153	T-_K	0.	0.	0.
74	74	45	G1_D	-6.78	-75.59	12.75
74	74	48	G1_D	-22.48	-92.35	-2.02
74	74	157	G1_D	-44.95	-132.45	-0.11
74	74	153	G1_D	-29.09	-116.54	14.66
74	74	45	G2_D	-1.48	-4.6	7.13
74	74	48	G2_D	0.4	-0.47	0.38
74	74	157	G2_D	1.08	-15.76	-6.896E-02
74	74	153	G2_D	-0.75	-20.2	6.68
74	74	45	Q_D	-5.66	-25.02	8.07
74	74	48	Q_D	-17.78	-35.94	-2.18
74	74	157	Q_D	-32.44	-64.87	-0.6
74	74	153	Q_D	-20.21	-54.55	9.65
74	74	45	N_D	-0.68	-3.	0.97
74	74	48	N_D	-2.13	-4.31	-0.26
74	74	157	N_D	-3.89	-7.78	-7.169E-02
74	74	153	N_D	-2.43	-6.55	1.16
74	74	45	T+_D	0.	0.	0.
74	74	48	T+_D	0.	0.	0.
74	74	157	T+_D	0.	0.	0.
74	74	153	T+_D	0.	0.	0.
74	74	45	T-_D	0.	0.	0.
74	74	48	T-_D	0.	0.	0.
74	74	157	T-_D	0.	0.	0.
74	74	153	T-_D	0.	0.	0.
74	74	45	W+_K	0.	0.	0.
74	74	48	W+_K	0.	0.	0.
74	74	157	W+_K	0.	0.	0.
74	74	153	W+_K	0.	0.	0.
74	74	45	W-_K	0.	0.	0.
74	74	48	W-_K	0.	0.	0.
74	74	157	W-_K	0.	0.	0.
74	74	153	W-_K	0.	0.	0.
74	74	45	W+_D	0.	0.	0.
74	74	48	W+_D	0.	0.	0.
74	74	157	W+_D	0.	0.	0.
74	74	153	W+_D	0.	0.	0.
74	74	45	W-_D	0.	0.	0.
74	74	48	W-_D	0.	0.	0.
74	74	157	W-_D	0.	0.	0.
74	74	153	W-_D	0.	0.	0.
74	74	45	SISMA SLV X	14.64	23.04	14.7

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
74	74	48	SISMA SLV X	27.04	32.76	11.38
74	74	157	SISMA SLV X	29.14	48.28	11.48
74	74	153	SISMA SLV X	16.45	38.73	12.79
74	74	45	SISMA SLV Y	8.85	12.52	23.8
74	74	48	SISMA SLV Y	12.75	15.78	24.33
74	74	157	SISMA SLV Y	13.56	22.34	26.06
74	74	153	SISMA SLV Y	9.71	18.74	25.28
74	74	45	SISMA SLD X	7.15	11.25	7.18
74	74	48	SISMA SLD X	13.21	16.	5.56
74	74	157	SISMA SLD X	14.23	23.58	5.61
74	74	153	SISMA SLD X	8.03	18.92	6.24
74	74	45	SISMA SLD Y	4.32	6.11	11.62
74	74	48	SISMA SLD Y	6.23	7.71	11.88
74	74	157	SISMA SLD Y	6.62	10.91	12.73
74	74	153	SISMA SLD Y	4.74	9.16	12.35
74	74	45	SISMA SLO X	5.92	9.32	5.95
74	74	48	SISMA SLO X	10.94	13.25	4.6
74	74	157	SISMA SLO X	11.79	19.53	4.64
74	74	153	SISMA SLO X	6.65	15.67	5.17
74	74	45	SISMA SLO Y	3.58	5.06	9.63
74	74	48	SISMA SLO Y	5.16	6.38	9.84
74	74	157	SISMA SLO Y	5.48	9.04	10.54
74	74	153	SISMA SLO Y	3.93	7.58	10.23
74	74	45	SLT	0.	0.	0.
74	74	48	SLT	0.	0.	0.
74	74	157	SLT	0.	0.	0.
74	74	153	SLT	0.	0.	0.
74	74	45	~TorsionSISMA SLV X	0.	0.	0.
74	74	48	~TorsionSISMA SLV X	0.	0.	0.
74	74	157	~TorsionSISMA SLV X	0.	0.	0.
74	74	153	~TorsionSISMA SLV X	0.	0.	0.
74	74	45	~TorsionSISMA SLV Y	0.	0.	0.
74	74	48	~TorsionSISMA SLV Y	0.	0.	0.
74	74	157	~TorsionSISMA SLV Y	0.	0.	0.
74	74	153	~TorsionSISMA SLV Y	0.	0.	0.
74	74	45	~TorsionSISMA SLD X	0.	0.	0.
74	74	48	~TorsionSISMA SLD X	0.	0.	0.
74	74	157	~TorsionSISMA SLD X	0.	0.	0.
74	74	153	~TorsionSISMA SLD X	0.	0.	0.
74	74	45	~TorsionSISMA SLD Y	0.	0.	0.
74	74	48	~TorsionSISMA SLD Y	0.	0.	0.
74	74	157	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
74	74	153	~TorsionSISMA SLD Y	0.	0.	0.
74	74	45	~TorsionSISMA SLO X	0.	0.	0.
74	74	48	~TorsionSISMA SLO X	0.	0.	0.
74	74	157	~TorsionSISMA SLO X	0.	0.	0.
74	74	153	~TorsionSISMA SLO X	0.	0.	0.
74	74	45	~TorsionSISMA SLO Y	0.	0.	0.
74	74	48	~TorsionSISMA SLO Y	0.	0.	0.
74	74	157	~TorsionSISMA SLO Y	0.	0.	0.
74	74	153	~TorsionSISMA SLO Y	0.	0.	0.
75	75	153	G1_K	-18.16	-71.26	5.12
75	75	157	G1_K	-37.31	-112.83	7.09
75	75	49	G1_K	-53.76	-155.89	-7.43
75	75	46	G1_K	-34.86	-112.23	-9.41
75	75	153	G2_K	2.35	-1.51	6.4
75	75	157	G2_K	3.03	-0.5	-1.52
75	75	49	G2_K	4.41	-10.59	-2.38
75	75	46	G2_K	3.8	-12.17	5.54
75	75	153	Q_K	-12.58	-33.32	2.52
75	75	157	Q_K	-25.16	-59.51	4.16
75	75	49	Q_K	-34.05	-86.81	-5.22
75	75	46	Q_K	-21.63	-59.28	-6.86
75	75	153	N_K	-1.51	-4.	0.3
75	75	157	N_K	-3.02	-7.14	0.5
75	75	49	N_K	-4.09	-10.42	-0.63
75	75	46	N_K	-2.6	-7.11	-0.82
75	75	153	T+_K	0.	0.	0.
75	75	157	T+_K	0.	0.	0.
75	75	49	T+_K	0.	0.	0.
75	75	46	T+_K	0.	0.	0.
75	75	153	T-_K	0.	0.	0.
75	75	157	T-_K	0.	0.	0.
75	75	49	T-_K	0.	0.	0.
75	75	46	T-_K	0.	0.	0.
75	75	153	G1_D	-23.6	-92.64	6.65
75	75	157	G1_D	-48.5	-146.67	9.22
75	75	49	G1_D	-69.89	-202.66	-9.65
75	75	46	G1_D	-45.32	-145.9	-12.23
75	75	153	G2_D	3.05	-1.96	8.32
75	75	157	G2_D	3.94	-0.65	-1.97
75	75	49	G2_D	5.73	-13.76	-3.1
75	75	46	G2_D	4.94	-15.82	7.2
75	75	153	Q_D	-18.87	-49.97	3.78
75	75	157	Q_D	-37.74	-89.26	6.24
75	75	49	Q_D	-51.07	-130.22	-7.83
75	75	46	Q_D	-32.45	-88.93	-10.28
75	75	153	N_D	-2.26	-6.	0.45
75	75	157	N_D	-4.53	-10.71	0.75

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
75	75	49	N_D	-6.13	-15.63	-0.94
75	75	46	N_D	-3.89	-10.67	-1.23
75	75	153	T+_D	0.	0.	0.
75	75	157	T+_D	0.	0.	0.
75	75	49	T+_D	0.	0.	0.
75	75	46	T+_D	0.	0.	0.
75	75	153	T-_D	0.	0.	0.
75	75	157	T-_D	0.	0.	0.
75	75	49	T-_D	0.	0.	0.
75	75	46	T-_D	0.	0.	0.
75	75	153	W+_K	0.	0.	0.
75	75	157	W+_K	0.	0.	0.
75	75	49	W+_K	0.	0.	0.
75	75	46	W+_K	0.	0.	0.
75	75	153	W-_K	0.	0.	0.
75	75	157	W-_K	0.	0.	0.
75	75	49	W-_K	0.	0.	0.
75	75	46	W-_K	0.	0.	0.
75	75	153	W+_D	0.	0.	0.
75	75	157	W+_D	0.	0.	0.
75	75	49	W+_D	0.	0.	0.
75	75	46	W+_D	0.	0.	0.
75	75	153	W-_D	0.	0.	0.
75	75	157	W-_D	0.	0.	0.
75	75	49	W-_D	0.	0.	0.
75	75	46	W-_D	0.	0.	0.
75	75	153	SISMA SLV X	15.88	30.96	9.77
75	75	157	SISMA SLV X	27.61	44.33	12.18
75	75	49	SISMA SLV X	16.64	39.12	12.9
75	75	46	SISMA SLV X	5.54	25.38	12.41
75	75	153	SISMA SLV Y	10.02	15.04	22.
75	75	157	SISMA SLV Y	13.14	20.85	25.5
75	75	49	SISMA SLV Y	9.61	18.11	28.83
75	75	46	SISMA SLV Y	6.04	12.16	25.5
75	75	153	SISMA SLD X	7.76	15.12	4.77
75	75	157	SISMA SLD X	13.48	21.65	5.95
75	75	49	SISMA SLD X	8.13	19.11	6.3
75	75	46	SISMA SLD X	2.71	12.4	6.06
75	75	153	SISMA SLD Y	4.9	7.35	10.75
75	75	157	SISMA SLD Y	6.42	10.18	12.45
75	75	49	SISMA SLD Y	4.69	8.85	14.08
75	75	46	SISMA SLD Y	2.95	5.94	12.45
75	75	153	SISMA SLO X	6.42	12.52	3.95
75	75	157	SISMA SLO X	11.17	17.94	4.93
75	75	49	SISMA SLO X	6.73	15.83	5.22
75	75	46	SISMA SLO X	2.24	10.27	5.02
75	75	153	SISMA SLO Y	4.05	6.08	8.9
75	75	157	SISMA SLO Y	5.31	8.43	10.31
75	75	49	SISMA SLO Y	3.89	7.33	11.66
75	75	46	SISMA SLO Y	2.44	4.92	10.31
75	75	153	SLT	0.	0.	0.
75	75	157	SLT	0.	0.	0.
75	75	49	SLT	0.	0.	0.
75	75	46	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
75	75	153	~TorsionSISMA SLV X	0.	0.	0.
75	75	157	~TorsionSISMA SLV X	0.	0.	0.
75	75	49	~TorsionSISMA SLV X	0.	0.	0.
75	75	46	~TorsionSISMA SLV X	0.	0.	0.
75	75	153	~TorsionSISMA SLV Y	0.	0.	0.
75	75	157	~TorsionSISMA SLV Y	0.	0.	0.
75	75	49	~TorsionSISMA SLV Y	0.	0.	0.
75	75	46	~TorsionSISMA SLV Y	0.	0.	0.
75	75	153	~TorsionSISMA SLD X	0.	0.	0.
75	75	157	~TorsionSISMA SLD X	0.	0.	0.
75	75	49	~TorsionSISMA SLD X	0.	0.	0.
75	75	46	~TorsionSISMA SLD X	0.	0.	0.
75	75	153	~TorsionSISMA SLD Y	0.	0.	0.
75	75	157	~TorsionSISMA SLD Y	0.	0.	0.
75	75	49	~TorsionSISMA SLD Y	0.	0.	0.
75	75	46	~TorsionSISMA SLD Y	0.	0.	0.
75	75	153	~TorsionSISMA SLO X	0.	0.	0.
75	75	157	~TorsionSISMA SLO X	0.	0.	0.
75	75	49	~TorsionSISMA SLO X	0.	0.	0.
75	75	46	~TorsionSISMA SLO X	0.	0.	0.
75	75	153	~TorsionSISMA SLO Y	0.	0.	0.
75	75	157	~TorsionSISMA SLO Y	0.	0.	0.
75	75	49	~TorsionSISMA SLO Y	0.	0.	0.
75	75	46	~TorsionSISMA SLO Y	0.	0.	0.
76	76	46	G1_K	-34.95	-120.62	-30.16
76	76	49	G1_K	-65.57	-207.02	16.62
76	76	121	G1_K	-62.58	-262.48	-19.18
76	76	113	G1_K	-31.99	-175.04	-65.96
76	76	46	G2_K	5.15	-4.4	1.32
76	76	49	G2_K	6.72	-5.564E-02	-0.91
76	76	121	G2_K	16.27	-8.1	0.76
76	76	113	G2_K	14.74	-12.81	2.99
76	76	46	Q_K	-23.53	-73.51	-20.12
76	76	49	Q_K	-43.31	-128.36	10.16
76	76	121	Q_K	-39.65	-163.76	-12.51

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
76	76	113	Q_K	-19.89	-108.26	-42.79
76	76	46	N_K	-2.82	-8.82	-2.41
76	76	49	N_K	-5.2	-15.4	1.22
76	76	121	N_K	-4.76	-19.65	-1.5
76	76	113	N_K	-2.39	-12.99	-5.13
76	76	46	T+_K	0.	0.	0.
76	76	49	T+_K	0.	0.	0.
76	76	121	T+_K	0.	0.	0.
76	76	113	T+_K	0.	0.	0.
76	76	46	T-_K	0.	0.	0.
76	76	49	T-_K	0.	0.	0.
76	76	121	T-_K	0.	0.	0.
76	76	113	T-_K	0.	0.	0.
76	76	46	G1_D	-45.44	-156.8	-39.21
76	76	49	G1_D	-85.25	-269.13	21.6
76	76	121	G1_D	-81.35	-341.22	-24.94
76	76	113	G1_D	-41.58	-227.56	-85.75
76	76	46	G2_D	6.7	-5.72	1.71
76	76	49	G2_D	8.73	-7.233E-02	-1.18
76	76	121	G2_D	21.16	-10.53	0.99
76	76	113	G2_D	19.17	-16.65	3.88
76	76	46	Q_D	-35.29	-110.26	-30.18
76	76	49	Q_D	-64.96	-192.53	15.24
76	76	121	Q_D	-59.48	-245.64	-18.76
76	76	113	Q_D	-29.84	-162.39	-64.18
76	76	46	N_D	-4.24	-13.23	-3.62
76	76	49	N_D	-7.8	-23.1	1.83
76	76	121	N_D	-7.14	-29.48	-2.25
76	76	113	N_D	-3.58	-19.49	-7.7
76	76	46	T+_D	0.	0.	0.
76	76	49	T+_D	0.	0.	0.
76	76	121	T+_D	0.	0.	0.
76	76	113	T+_D	0.	0.	0.
76	76	46	T-_D	0.	0.	0.
76	76	49	T-_D	0.	0.	0.
76	76	121	T-_D	0.	0.	0.
76	76	113	T-_D	0.	0.	0.
76	76	46	W+_K	0.	0.	0.
76	76	49	W+_K	0.	0.	0.
76	76	121	W+_K	0.	0.	0.
76	76	113	W+_K	0.	0.	0.
76	76	46	W-_K	0.	0.	0.
76	76	49	W-_K	0.	0.	0.
76	76	121	W-_K	0.	0.	0.
76	76	113	W-_K	0.	0.	0.
76	76	46	W+_D	0.	0.	0.
76	76	49	W+_D	0.	0.	0.
76	76	121	W+_D	0.	0.	0.
76	76	113	W+_D	0.	0.	0.
76	76	46	W-_D	0.	0.	0.
76	76	49	W-_D	0.	0.	0.
76	76	121	W-_D	0.	0.	0.
76	76	113	W-_D	0.	0.	0.
76	76	46	SISMA SLV X	8.23	32.18	17.43

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
76	76	49	SISMA SLV X	15.37	42.15	11.21
76	76	121	SISMA SLV X	15.3	27.	7.75
76	76	113	SISMA SLV X	20.32	17.56	18.34
76	76	46	SISMA SLV Y	5.63	17.91	31.02
76	76	49	SISMA SLV Y	9.24	19.4	24.93
76	76	121	SISMA SLV Y	6.37	10.91	15.73
76	76	113	SISMA SLV Y	13.04	9.28	22.47
76	76	46	SISMA SLD X	4.02	15.72	8.51
76	76	49	SISMA SLD X	7.51	20.59	5.47
76	76	121	SISMA SLD X	7.47	13.19	3.78
76	76	113	SISMA SLD X	9.93	8.58	8.96
76	76	46	SISMA SLD Y	2.75	8.75	15.15
76	76	49	SISMA SLD Y	4.52	9.48	12.18
76	76	121	SISMA SLD Y	3.11	5.33	7.68
76	76	113	SISMA SLD Y	6.37	4.53	10.98
76	76	46	SISMA SLO X	3.33	13.02	7.05
76	76	49	SISMA SLO X	6.22	17.06	4.53
76	76	121	SISMA SLO X	6.19	10.93	3.13
76	76	113	SISMA SLO X	8.22	7.1	7.42
76	76	46	SISMA SLO Y	2.28	7.25	12.55
76	76	49	SISMA SLO Y	3.74	7.85	10.08
76	76	121	SISMA SLO Y	2.58	4.41	6.36
76	76	113	SISMA SLO Y	5.28	3.75	9.09
76	76	46	SLT	0.	0.	0.
76	76	49	SLT	0.	0.	0.
76	76	121	SLT	0.	0.	0.
76	76	113	SLT	0.	0.	0.
76	76	46	~TorsionSISMA SLV X	0.	0.	0.
76	76	49	~TorsionSISMA SLV X	0.	0.	0.
76	76	121	~TorsionSISMA SLV X	0.	0.	0.
76	76	113	~TorsionSISMA SLV X	0.	0.	0.
76	76	46	~TorsionSISMA SLV Y	0.	0.	0.
76	76	49	~TorsionSISMA SLV Y	0.	0.	0.
76	76	121	~TorsionSISMA SLV Y	0.	0.	0.
76	76	113	~TorsionSISMA SLV Y	0.	0.	0.
76	76	46	~TorsionSISMA SLD X	0.	0.	0.
76	76	49	~TorsionSISMA SLD X	0.	0.	0.
76	76	121	~TorsionSISMA SLD X	0.	0.	0.
76	76	113	~TorsionSISMA SLD X	0.	0.	0.
76	76	46	~TorsionSISMA SLD Y	0.	0.	0.
76	76	49	~TorsionSISMA SLD Y	0.	0.	0.
76	76	121	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
76	76	113	~TorsionSISMA SLD Y	0.	0.	0.
76	76	46	~TorsionSISMA SLO X	0.	0.	0.
76	76	49	~TorsionSISMA SLO X	0.	0.	0.
76	76	121	~TorsionSISMA SLO X	0.	0.	0.
76	76	113	~TorsionSISMA SLO X	0.	0.	0.
76	76	46	~TorsionSISMA SLO Y	0.	0.	0.
76	76	49	~TorsionSISMA SLO Y	0.	0.	0.
76	76	121	~TorsionSISMA SLO Y	0.	0.	0.
76	76	113	~TorsionSISMA SLO Y	0.	0.	0.
77	77	155	G1_K	-13.09	-61.53	2.04
77	77	158	G1_K	-11.91	-63.44	3.8
77	77	50	G1_K	-9.42	-81.75	4.99
77	77	47	G1_K	-10.64	-79.84	3.22
77	77	155	G2_K	2.87	11.84	-3.06
77	77	158	G2_K	1.46	9.82	-4.99
77	77	50	G2_K	-5.35	-10.23	-6.21
77	77	47	G2_K	-4.02	-7.5	-4.28
77	77	155	Q_K	6.850E-02	3.51	1.45
77	77	158	Q_K	0.7	0.33	0.67
77	77	50	Q_K	-9.904E-02	-9.87	0.21
77	77	47	Q_K	-0.74	-6.85	0.99
77	77	155	N_K	8.220E-03	0.42	0.17
77	77	158	N_K	8.397E-02	4.017E-02	8.029E-02
77	77	50	N_K	-1.189E-02	-1.18	2.530E-02
77	77	47	N_K	-8.919E-02	-0.82	0.12
77	77	155	T+_K	0.	0.	0.
77	77	158	T+_K	0.	0.	0.
77	77	50	T+_K	0.	0.	0.
77	77	47	T+_K	0.	0.	0.
77	77	155	T-_K	0.	0.	0.
77	77	158	T-_K	0.	0.	0.
77	77	50	T-_K	0.	0.	0.
77	77	47	T-_K	0.	0.	0.
77	77	155	G1_D	-17.01	-79.98	2.65
77	77	158	G1_D	-15.48	-82.48	4.94
77	77	50	G1_D	-12.24	-106.28	6.48
77	77	47	G1_D	-13.83	-103.79	4.19
77	77	155	G2_D	3.73	15.39	-3.97
77	77	158	G2_D	1.9	12.76	-6.49
77	77	50	G2_D	-6.96	-13.3	-8.08
77	77	47	G2_D	-5.23	-9.75	-5.56
77	77	155	Q_D	0.1	5.26	2.17
77	77	158	Q_D	1.05	0.5	1.
77	77	50	Q_D	-0.15	-14.81	0.32
77	77	47	Q_D	-1.11	-10.27	1.49
77	77	155	N_D	1.233E-02	0.63	0.26
77	77	158	N_D	0.13	6.025E-02	0.12

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
77	77	50	N_D	-1.783E-02	-1.78	3.795E-02
77	77	47	N_D	-0.13	-1.23	0.18
77	77	155	T+_D	0.	0.	0.
77	77	158	T+_D	0.	0.	0.
77	77	50	T+_D	0.	0.	0.
77	77	47	T+_D	0.	0.	0.
77	77	155	T-_D	0.	0.	0.
77	77	158	T-_D	0.	0.	0.
77	77	50	T-_D	0.	0.	0.
77	77	47	T-_D	0.	0.	0.
77	77	155	W+_K	0.	0.	0.
77	77	158	W+_K	0.	0.	0.
77	77	50	W+_K	0.	0.	0.
77	77	47	W+_K	0.	0.	0.
77	77	155	W-_K	0.	0.	0.
77	77	158	W-_K	0.	0.	0.
77	77	50	W-_K	0.	0.	0.
77	77	47	W-_K	0.	0.	0.
77	77	155	W+_D	0.	0.	0.
77	77	158	W+_D	0.	0.	0.
77	77	50	W+_D	0.	0.	0.
77	77	47	W+_D	0.	0.	0.
77	77	155	W-_D	0.	0.	0.
77	77	158	W-_D	0.	0.	0.
77	77	50	W-_D	0.	0.	0.
77	77	47	W-_D	0.	0.	0.
77	77	155	SISMA SLV X	10.82	57.44	7.03
77	77	158	SISMA SLV X	9.92	46.47	9.57
77	77	50	SISMA SLV X	5.97	9.21	16.89
77	77	47	SISMA SLV X	5.03	8.89	13.28
77	77	155	SISMA SLV Y	5.32	26.78	15.33
77	77	158	SISMA SLV Y	5.9	30.79	18.07
77	77	50	SISMA SLV Y	2.77	14.41	32.42
77	77	47	SISMA SLV Y	2.43	3.92	29.58
77	77	155	SISMA SLD X	5.29	28.05	3.43
77	77	158	SISMA SLD X	4.84	22.69	4.67
77	77	50	SISMA SLD X	2.92	4.5	8.25
77	77	47	SISMA SLD X	2.46	4.34	6.48
77	77	155	SISMA SLD Y	2.6	13.08	7.49
77	77	158	SISMA SLD Y	2.88	15.04	8.82
77	77	50	SISMA SLD Y	1.35	7.04	15.83
77	77	47	SISMA SLD Y	1.19	1.91	14.44
77	77	155	SISMA SLO X	4.38	23.23	2.84
77	77	158	SISMA SLO X	4.01	18.79	3.87
77	77	50	SISMA SLO X	2.42	3.72	6.83
77	77	47	SISMA SLO X	2.03	3.59	5.37
77	77	155	SISMA SLO Y	2.15	10.83	6.2
77	77	158	SISMA SLO Y	2.39	12.45	7.31
77	77	50	SISMA SLO Y	1.12	5.83	13.11
77	77	47	SISMA SLO Y	0.98	1.58	11.96
77	77	155	SLT	0.	0.	0.
77	77	158	SLT	0.	0.	0.
77	77	50	SLT	0.	0.	0.
77	77	47	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
77	77	155	~TorsionSISMA SLV X	0.	0.	0.
77	77	158	~TorsionSISMA SLV X	0.	0.	0.
77	77	50	~TorsionSISMA SLV X	0.	0.	0.
77	77	47	~TorsionSISMA SLV X	0.	0.	0.
77	77	155	~TorsionSISMA SLV Y	0.	0.	0.
77	77	158	~TorsionSISMA SLV Y	0.	0.	0.
77	77	50	~TorsionSISMA SLV Y	0.	0.	0.
77	77	47	~TorsionSISMA SLV Y	0.	0.	0.
77	77	155	~TorsionSISMA SLD X	0.	0.	0.
77	77	158	~TorsionSISMA SLD X	0.	0.	0.
77	77	50	~TorsionSISMA SLD X	0.	0.	0.
77	77	47	~TorsionSISMA SLD X	0.	0.	0.
77	77	155	~TorsionSISMA SLD Y	0.	0.	0.
77	77	158	~TorsionSISMA SLD Y	0.	0.	0.
77	77	50	~TorsionSISMA SLD Y	0.	0.	0.
77	77	47	~TorsionSISMA SLD Y	0.	0.	0.
77	77	155	~TorsionSISMA SLO X	0.	0.	0.
77	77	158	~TorsionSISMA SLO X	0.	0.	0.
77	77	50	~TorsionSISMA SLO X	0.	0.	0.
77	77	47	~TorsionSISMA SLO X	0.	0.	0.
77	77	155	~TorsionSISMA SLO Y	0.	0.	0.
77	77	158	~TorsionSISMA SLO Y	0.	0.	0.
77	77	50	~TorsionSISMA SLO Y	0.	0.	0.
77	77	47	~TorsionSISMA SLO Y	0.	0.	0.
78	78	47	G1_K	-7.79	-57.59	7.42
78	78	50	G1_K	-5.05	-67.94	-0.49
78	78	159	G1_K	-8.28	-87.2	-6.23
78	78	156	G1_K	-11.17	-76.14	1.68
78	78	47	G2_K	3.489E-02	10.02	-3.3
78	78	50	G2_K	-4.14	-1.39	-5.25
78	78	159	G2_K	-5.65	-18.44	-5.31
78	78	156	G2_K	-1.48	-6.84	-3.36
78	78	47	Q_K	-0.89	-2.03	3.68
78	78	50	Q_K	1.83	-5.76	-2.46
78	78	159	Q_K	-2.27	-17.2	-5.26

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
78	78	156	Q_K	-5.08	-13.02	0.87
78	78	47	N_K	-0.11	-0.24	0.44
78	78	50	N_K	0.22	-0.69	-0.29
78	78	159	N_K	-0.27	-2.06	-0.63
78	78	156	N_K	-0.61	-1.56	0.1
78	78	47	T+_K	0.	0.	0.
78	78	50	T+_K	0.	0.	0.
78	78	159	T+_K	0.	0.	0.
78	78	156	T+_K	0.	0.	0.
78	78	47	T-_K	0.	0.	0.
78	78	50	T-_K	0.	0.	0.
78	78	159	T-_K	0.	0.	0.
78	78	156	T-_K	0.	0.	0.
78	78	47	G1_D	-10.12	-74.87	9.64
78	78	50	G1_D	-6.57	-88.32	-0.64
78	78	159	G1_D	-10.77	-113.36	-8.1
78	78	156	G1_D	-14.52	-98.99	2.18
78	78	47	G2_D	4.536E-02	13.03	-4.29
78	78	50	G2_D	-5.38	-1.81	-6.82
78	78	159	G2_D	-7.34	-23.97	-6.9
78	78	156	G2_D	-1.93	-8.9	-4.37
78	78	47	Q_D	-1.33	-3.05	5.51
78	78	50	Q_D	2.75	-8.64	-3.68
78	78	159	Q_D	-3.4	-25.8	-7.9
78	78	156	Q_D	-7.63	-19.53	1.3
78	78	47	N_D	-0.16	-0.37	0.66
78	78	50	N_D	0.33	-1.04	-0.44
78	78	159	N_D	-0.41	-3.1	-0.95
78	78	156	N_D	-0.92	-2.34	0.16
78	78	47	T+_D	0.	0.	0.
78	78	50	T+_D	0.	0.	0.
78	78	159	T+_D	0.	0.	0.
78	78	156	T+_D	0.	0.	0.
78	78	47	T-_D	0.	0.	0.
78	78	50	T-_D	0.	0.	0.
78	78	159	T-_D	0.	0.	0.
78	78	156	T-_D	0.	0.	0.
78	78	47	W+_K	0.	0.	0.
78	78	50	W+_K	0.	0.	0.
78	78	159	W+_K	0.	0.	0.
78	78	156	W+_K	0.	0.	0.
78	78	47	W-_K	0.	0.	0.
78	78	50	W-_K	0.	0.	0.
78	78	159	W-_K	0.	0.	0.
78	78	156	W-_K	0.	0.	0.
78	78	47	W+_D	0.	0.	0.
78	78	50	W+_D	0.	0.	0.
78	78	159	W+_D	0.	0.	0.
78	78	156	W+_D	0.	0.	0.
78	78	47	W-_D	0.	0.	0.
78	78	50	W-_D	0.	0.	0.
78	78	159	W-_D	0.	0.	0.
78	78	156	W-_D	0.	0.	0.
78	78	47	SISMA SLV X	3.83	22.92	10.98

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
78	78	50	SISMA SLV X	2.93	13.09	17.
78	78	159	SISMA SLV X	15.46	33.86	17.12
78	78	156	SISMA SLV X	17.27	21.28	9.84
78	78	47	SISMA SLV Y	1.98	10.94	24.88
78	78	50	SISMA SLV Y	1.32	16.49	28.92
78	78	159	SISMA SLV Y	9.02	16.56	26.58
78	78	156	SISMA SLV Y	8.9	10.8	22.36
78	78	47	SISMA SLD X	1.87	11.19	5.36
78	78	50	SISMA SLD X	1.43	6.39	8.31
78	78	159	SISMA SLD X	7.55	16.54	8.36
78	78	156	SISMA SLD X	8.43	10.4	4.81
78	78	47	SISMA SLD Y	0.97	5.34	12.15
78	78	50	SISMA SLD Y	0.64	8.05	14.13
78	78	159	SISMA SLD Y	4.4	8.09	12.98
78	78	156	SISMA SLD Y	4.35	5.27	10.92
78	78	47	SISMA SLO X	1.55	9.27	4.44
78	78	50	SISMA SLO X	1.18	5.29	6.88
78	78	159	SISMA SLO X	6.25	13.7	6.93
78	78	156	SISMA SLO X	6.99	8.61	3.98
78	78	47	SISMA SLO Y	0.8	4.42	10.06
78	78	50	SISMA SLO Y	0.53	6.67	11.7
78	78	159	SISMA SLO Y	3.65	6.7	10.75
78	78	156	SISMA SLO Y	3.6	4.37	9.05
78	78	47	SLT	0.	0.	0.
78	78	50	SLT	0.	0.	0.
78	78	159	SLT	0.	0.	0.
78	78	156	SLT	0.	0.	0.
78	78	47	~TorsionSISMA SLV X	0.	0.	0.
78	78	50	~TorsionSISMA SLV X	0.	0.	0.
78	78	159	~TorsionSISMA SLV X	0.	0.	0.
78	78	156	~TorsionSISMA SLV X	0.	0.	0.
78	78	47	~TorsionSISMA SLV Y	0.	0.	0.
78	78	50	~TorsionSISMA SLV Y	0.	0.	0.
78	78	159	~TorsionSISMA SLV Y	0.	0.	0.
78	78	156	~TorsionSISMA SLV Y	0.	0.	0.
78	78	47	~TorsionSISMA SLD X	0.	0.	0.
78	78	50	~TorsionSISMA SLD X	0.	0.	0.
78	78	159	~TorsionSISMA SLD X	0.	0.	0.
78	78	156	~TorsionSISMA SLD X	0.	0.	0.
78	78	47	~TorsionSISMA SLD Y	0.	0.	0.
78	78	50	~TorsionSISMA SLD Y	0.	0.	0.
78	78	159	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
78	78	156	~TorsionSISMA SLD Y	0.	0.	0.
78	78	47	~TorsionSISMA SLO X	0.	0.	0.
78	78	50	~TorsionSISMA SLO X	0.	0.	0.
78	78	159	~TorsionSISMA SLO X	0.	0.	0.
78	78	156	~TorsionSISMA SLO X	0.	0.	0.
78	78	47	~TorsionSISMA SLO Y	0.	0.	0.
78	78	50	~TorsionSISMA SLO Y	0.	0.	0.
78	78	159	~TorsionSISMA SLO Y	0.	0.	0.
78	78	156	~TorsionSISMA SLO Y	0.	0.	0.
79	79	156	G1_K	-10.43	-65.51	3.26
79	79	159	G1_K	-0.98	-57.65	-8.28
79	79	51	G1_K	-9.59	-79.81	-7.02
79	79	48	G1_K	-19.02	-88.2	4.51
79	79	156	G2_K	1.16	4.27	-2.53
79	79	159	G2_K	-3.34	-4.77	-7.94
79	79	51	G2_K	-4.9	-19.89	-10.76
79	79	48	G2_K	-0.45	-10.46	-5.35
79	79	156	Q_K	-5.93	-12.59	1.42
79	79	159	Q_K	0.65	-7.28	-5.48
79	79	51	Q_K	-4.69	-20.84	-4.03
79	79	48	Q_K	-11.26	-26.5	2.86
79	79	156	N_K	-0.71	-1.51	0.17
79	79	159	N_K	7.845E-02	-0.87	-0.66
79	79	51	N_K	-0.56	-2.5	-0.48
79	79	48	N_K	-1.35	-3.18	0.34
79	79	156	T+_K	0.	0.	0.
79	79	159	T+_K	0.	0.	0.
79	79	51	T+_K	0.	0.	0.
79	79	48	T+_K	0.	0.	0.
79	79	156	T-_K	0.	0.	0.
79	79	159	T-_K	0.	0.	0.
79	79	51	T-_K	0.	0.	0.
79	79	48	T-_K	0.	0.	0.
79	79	156	G1_D	-13.56	-85.17	4.23
79	79	159	G1_D	-1.28	-74.94	-10.76
79	79	51	G1_D	-12.47	-103.75	-9.13
79	79	48	G1_D	-24.72	-114.67	5.87
79	79	156	G2_D	1.51	5.55	-3.29
79	79	159	G2_D	-4.34	-6.2	-10.32
79	79	51	G2_D	-6.38	-25.86	-13.99
79	79	48	G2_D	-0.58	-13.6	-6.96
79	79	156	Q_D	-8.9	-18.88	2.12
79	79	159	Q_D	0.98	-10.92	-8.22
79	79	51	Q_D	-7.03	-31.27	-6.05
79	79	48	Q_D	-16.89	-39.75	4.29
79	79	156	N_D	-1.07	-2.27	0.25
79	79	159	N_D	0.12	-1.31	-0.99

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
79	79	51	N_D	-0.84	-3.75	-0.73
79	79	48	N_D	-2.03	-4.77	0.52
79	79	156	T+_D	0.	0.	0.
79	79	159	T+_D	0.	0.	0.
79	79	51	T+_D	0.	0.	0.
79	79	48	T+_D	0.	0.	0.
79	79	156	T-_D	0.	0.	0.
79	79	159	T-_D	0.	0.	0.
79	79	51	T-_D	0.	0.	0.
79	79	48	T-_D	0.	0.	0.
79	79	156	W+_K	0.	0.	0.
79	79	159	W+_K	0.	0.	0.
79	79	51	W+_K	0.	0.	0.
79	79	48	W+_K	0.	0.	0.
79	79	156	W-_K	0.	0.	0.
79	79	159	W-_K	0.	0.	0.
79	79	51	W-_K	0.	0.	0.
79	79	48	W-_K	0.	0.	0.
79	79	156	W+_D	0.	0.	0.
79	79	159	W+_D	0.	0.	0.
79	79	51	W+_D	0.	0.	0.
79	79	48	W+_D	0.	0.	0.
79	79	156	W-_D	0.	0.	0.
79	79	159	W-_D	0.	0.	0.
79	79	51	W-_D	0.	0.	0.
79	79	48	W-_D	0.	0.	0.
79	79	156	SISMA SLV X	16.26	11.02	10.87
79	79	159	SISMA SLV X	10.32	11.46	18.06
79	79	51	SISMA SLV X	20.34	43.32	17.64
79	79	48	SISMA SLV X	26.67	43.35	11.81
79	79	156	SISMA SLV Y	7.64	4.86	24.78
79	79	159	SISMA SLV Y	8.04	9.41	25.82
79	79	51	SISMA SLV Y	13.27	19.38	27.57
79	79	48	SISMA SLV Y	13.11	20.66	26.72
79	79	156	SISMA SLD X	7.94	5.38	5.31
79	79	159	SISMA SLD X	5.04	5.6	8.82
79	79	51	SISMA SLD X	9.93	21.16	8.62
79	79	48	SISMA SLD X	13.03	21.17	5.77
79	79	156	SISMA SLD Y	3.73	2.37	12.1
79	79	159	SISMA SLD Y	3.93	4.6	12.61
79	79	51	SISMA SLD Y	6.48	9.47	13.47
79	79	48	SISMA SLD Y	6.4	10.09	13.05
79	79	156	SISMA SLO X	6.58	4.46	4.39
79	79	159	SISMA SLO X	4.18	4.63	7.31
79	79	51	SISMA SLO X	8.23	17.53	7.14
79	79	48	SISMA SLO X	10.79	17.54	4.78
79	79	156	SISMA SLO Y	3.09	1.96	10.02
79	79	159	SISMA SLO Y	3.25	3.81	10.44
79	79	51	SISMA SLO Y	5.37	7.84	11.15
79	79	48	SISMA SLO Y	5.3	8.36	10.81
79	79	156	SLT	0.	0.	0.
79	79	159	SLT	0.	0.	0.
79	79	51	SLT	0.	0.	0.
79	79	48	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
79	79	156	~TorsionSISMA SLV X	0.	0.	0.
79	79	159	~TorsionSISMA SLV X	0.	0.	0.
79	79	51	~TorsionSISMA SLV X	0.	0.	0.
79	79	48	~TorsionSISMA SLV X	0.	0.	0.
79	79	156	~TorsionSISMA SLV Y	0.	0.	0.
79	79	159	~TorsionSISMA SLV Y	0.	0.	0.
79	79	51	~TorsionSISMA SLV Y	0.	0.	0.
79	79	48	~TorsionSISMA SLV Y	0.	0.	0.
79	79	156	~TorsionSISMA SLD X	0.	0.	0.
79	79	159	~TorsionSISMA SLD X	0.	0.	0.
79	79	51	~TorsionSISMA SLD X	0.	0.	0.
79	79	48	~TorsionSISMA SLD X	0.	0.	0.
79	79	156	~TorsionSISMA SLD Y	0.	0.	0.
79	79	159	~TorsionSISMA SLD Y	0.	0.	0.
79	79	51	~TorsionSISMA SLD Y	0.	0.	0.
79	79	48	~TorsionSISMA SLD Y	0.	0.	0.
79	79	156	~TorsionSISMA SLO X	0.	0.	0.
79	79	159	~TorsionSISMA SLO X	0.	0.	0.
79	79	51	~TorsionSISMA SLO X	0.	0.	0.
79	79	48	~TorsionSISMA SLO X	0.	0.	0.
79	79	156	~TorsionSISMA SLO Y	0.	0.	0.
79	79	159	~TorsionSISMA SLO Y	0.	0.	0.
79	79	51	~TorsionSISMA SLO Y	0.	0.	0.
79	79	48	~TorsionSISMA SLO Y	0.	0.	0.
80	80	48	G1_K	-17.27	-71.35	5.05
80	80	51	G1_K	-4.41	-62.06	-6.48
80	80	160	G1_K	-19.83	-92.66	-9.9
80	80	157	G1_K	-32.83	-101.22	1.63
80	80	48	G2_K	2.33	0.71	-3.87
80	80	51	G2_K	-1.75	-1.4	-12.53
80	80	160	G2_K	-3.81	-15.05	-10.83
80	80	157	G2_K	0.28	-12.91	-2.17
80	80	48	Q_K	-11.8	-24.14	3.26
80	80	51	Q_K	-3.3	-18.97	-3.63
80	80	160	Q_K	-11.86	-38.08	-5.95

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
80	80	157	Q_K	-20.44	-42.82	0.95
80	80	48	N_K	-1.42	-2.9	0.39
80	80	51	N_K	-0.4	-2.28	-0.44
80	80	160	N_K	-1.42	-4.57	-0.71
80	80	157	N_K	-2.45	-5.14	0.11
80	80	48	T+_K	0.	0.	0.
80	80	51	T+_K	0.	0.	0.
80	80	160	T+_K	0.	0.	0.
80	80	157	T+_K	0.	0.	0.
80	80	48	T-_K	0.	0.	0.
80	80	51	T-_K	0.	0.	0.
80	80	160	T-_K	0.	0.	0.
80	80	157	T-_K	0.	0.	0.
80	80	48	G1_D	-22.45	-92.75	6.56
80	80	51	G1_D	-5.74	-80.68	-8.42
80	80	160	G1_D	-25.78	-120.45	-12.87
80	80	157	G1_D	-42.67	-131.59	2.11
80	80	48	G2_D	3.03	0.93	-5.03
80	80	51	G2_D	-2.27	-1.82	-16.29
80	80	160	G2_D	-4.96	-19.56	-14.08
80	80	157	G2_D	0.36	-16.78	-2.82
80	80	48	Q_D	-17.7	-36.21	4.9
80	80	51	Q_D	-4.96	-28.45	-5.45
80	80	160	Q_D	-17.79	-57.11	-8.92
80	80	157	Q_D	-30.66	-64.22	1.42
80	80	48	N_D	-2.12	-4.35	0.59
80	80	51	N_D	-0.59	-3.41	-0.65
80	80	160	N_D	-2.13	-6.85	-1.07
80	80	157	N_D	-3.68	-7.71	0.17
80	80	48	T+_D	0.	0.	0.
80	80	51	T+_D	0.	0.	0.
80	80	160	T+_D	0.	0.	0.
80	80	157	T+_D	0.	0.	0.
80	80	48	T-_D	0.	0.	0.
80	80	51	T-_D	0.	0.	0.
80	80	160	T-_D	0.	0.	0.
80	80	157	T-_D	0.	0.	0.
80	80	48	W+_K	0.	0.	0.
80	80	51	W+_K	0.	0.	0.
80	80	160	W+_K	0.	0.	0.
80	80	157	W+_K	0.	0.	0.
80	80	48	W-_K	0.	0.	0.
80	80	51	W-_K	0.	0.	0.
80	80	160	W-_K	0.	0.	0.
80	80	157	W-_K	0.	0.	0.
80	80	48	W+_D	0.	0.	0.
80	80	51	W+_D	0.	0.	0.
80	80	160	W+_D	0.	0.	0.
80	80	157	W+_D	0.	0.	0.
80	80	48	W-_D	0.	0.	0.
80	80	51	W-_D	0.	0.	0.
80	80	160	W-_D	0.	0.	0.
80	80	157	W-_D	0.	0.	0.
80	80	48	SISMA SLV X	24.81	31.99	11.59

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
80	80	51	SISMA SLV X	16.65	24.95	14.91
80	80	160	SISMA SLV X	18.56	41.47	12.98
80	80	157	SISMA SLV X	26.8	48.14	11.33
80	80	48	SISMA SLV Y	11.68	14.78	25.78
80	80	51	SISMA SLV Y	12.97	11.28	25.99
80	80	160	SISMA SLV Y	14.23	18.73	25.49
80	80	157	SISMA SLV Y	12.86	22.93	25.47
80	80	48	SISMA SLD X	12.12	15.63	5.66
80	80	51	SISMA SLD X	8.13	12.18	7.28
80	80	160	SISMA SLD X	9.06	20.25	6.34
80	80	157	SISMA SLD X	13.09	23.51	5.53
80	80	48	SISMA SLD Y	5.71	7.22	12.59
80	80	51	SISMA SLD Y	6.34	5.51	12.69
80	80	160	SISMA SLD Y	6.95	9.15	12.45
80	80	157	SISMA SLD Y	6.28	11.2	12.44
80	80	48	SISMA SLO X	10.04	12.94	4.69
80	80	51	SISMA SLO X	6.74	10.09	6.03
80	80	160	SISMA SLO X	7.51	16.78	5.25
80	80	157	SISMA SLO X	10.84	19.48	4.58
80	80	48	SISMA SLO Y	4.73	5.98	10.43
80	80	51	SISMA SLO Y	5.25	4.57	10.51
80	80	160	SISMA SLO Y	5.76	7.58	10.31
80	80	157	SISMA SLO Y	5.2	9.27	10.3
80	80	48	SLT	0.	0.	0.
80	80	51	SLT	0.	0.	0.
80	80	160	SLT	0.	0.	0.
80	80	157	SLT	0.	0.	0.
80	80	48	~TorsionSISMA SLV X	0.	0.	0.
80	80	51	~TorsionSISMA SLV X	0.	0.	0.
80	80	160	~TorsionSISMA SLV X	0.	0.	0.
80	80	157	~TorsionSISMA SLV X	0.	0.	0.
80	80	48	~TorsionSISMA SLV Y	0.	0.	0.
80	80	51	~TorsionSISMA SLV Y	0.	0.	0.
80	80	160	~TorsionSISMA SLV Y	0.	0.	0.
80	80	157	~TorsionSISMA SLV Y	0.	0.	0.
80	80	48	~TorsionSISMA SLD X	0.	0.	0.
80	80	51	~TorsionSISMA SLD X	0.	0.	0.
80	80	160	~TorsionSISMA SLD X	0.	0.	0.
80	80	157	~TorsionSISMA SLD X	0.	0.	0.
80	80	48	~TorsionSISMA SLD Y	0.	0.	0.
80	80	51	~TorsionSISMA SLD Y	0.	0.	0.
80	80	160	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
80	80	157	~TorsionSISMA SLD Y	0.	0.	0.
80	80	48	~TorsionSISMA SLO X	0.	0.	0.
80	80	51	~TorsionSISMA SLO X	0.	0.	0.
80	80	160	~TorsionSISMA SLO X	0.	0.	0.
80	80	157	~TorsionSISMA SLO X	0.	0.	0.
80	80	48	~TorsionSISMA SLO Y	0.	0.	0.
80	80	51	~TorsionSISMA SLO Y	0.	0.	0.
80	80	160	~TorsionSISMA SLO Y	0.	0.	0.
80	80	157	~TorsionSISMA SLO Y	0.	0.	0.
81	81	157	G1_K	-35.94	-112.94	-5.3
81	81	160	G1_K	-15.25	-73.64	-4.46
81	81	52	G1_K	-35.72	-114.65	10.42
81	81	49	G1_K	-56.17	-155.98	9.57
81	81	157	G2_K	3.61	0.74	-4.66
81	81	160	G2_K	-1.75	-1.69	-7.84
81	81	52	G2_K	3.19	-13.76	-7.88
81	81	49	G2_K	8.51	-10.89	-4.71
81	81	157	Q_K	-24.21	-59.57	-3.46
81	81	160	Q_K	-10.75	-34.65	-2.47
81	81	52	Q_K	-22.21	-60.63	7.12
81	81	49	Q_K	-35.52	-86.86	6.13
81	81	157	N_K	-2.91	-7.15	-0.41
81	81	160	N_K	-1.29	-4.16	-0.3
81	81	52	N_K	-2.67	-7.28	0.85
81	81	49	N_K	-4.26	-10.42	0.74
81	81	157	T+_K	0.	0.	0.
81	81	160	T+_K	0.	0.	0.
81	81	52	T+_K	0.	0.	0.
81	81	49	T+_K	0.	0.	0.
81	81	157	T-_K	0.	0.	0.
81	81	160	T-_K	0.	0.	0.
81	81	52	T-_K	0.	0.	0.
81	81	49	T-_K	0.	0.	0.
81	81	157	G1_D	-46.72	-146.83	-6.89
81	81	160	G1_D	-19.83	-95.73	-5.79
81	81	52	G1_D	-46.44	-149.05	13.54
81	81	49	G1_D	-73.03	-202.78	12.44
81	81	157	G2_D	4.69	0.96	-6.06
81	81	160	G2_D	-2.27	-2.2	-10.19
81	81	52	G2_D	4.15	-17.89	-10.25
81	81	49	G2_D	11.06	-14.15	-6.12
81	81	157	Q_D	-36.32	-89.35	-5.19
81	81	160	Q_D	-16.13	-51.97	-3.71
81	81	52	Q_D	-33.32	-90.94	10.67
81	81	49	Q_D	-53.28	-130.28	9.2
81	81	157	N_D	-4.36	-10.72	-0.62
81	81	160	N_D	-1.94	-6.24	-0.45

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
81	81	52	N_D	-4.	-10.91	1.28
81	81	49	N_D	-6.39	-15.63	1.1
81	81	157	T+_D	0.	0.	0.
81	81	160	T+_D	0.	0.	0.
81	81	52	T+_D	0.	0.	0.
81	81	49	T+_D	0.	0.	0.
81	81	157	T-_D	0.	0.	0.
81	81	160	T-_D	0.	0.	0.
81	81	52	T-_D	0.	0.	0.
81	81	49	T-_D	0.	0.	0.
81	81	157	W+_K	0.	0.	0.
81	81	160	W+_K	0.	0.	0.
81	81	52	W+_K	0.	0.	0.
81	81	49	W+_K	0.	0.	0.
81	81	157	W-_K	0.	0.	0.
81	81	160	W-_K	0.	0.	0.
81	81	52	W-_K	0.	0.	0.
81	81	49	W-_K	0.	0.	0.
81	81	157	W+_D	0.	0.	0.
81	81	160	W+_D	0.	0.	0.
81	81	52	W+_D	0.	0.	0.
81	81	49	W+_D	0.	0.	0.
81	81	157	W-_D	0.	0.	0.
81	81	160	W-_D	0.	0.	0.
81	81	52	W-_D	0.	0.	0.
81	81	49	W-_D	0.	0.	0.
81	81	157	SISMA SLV X	25.04	43.87	12.25
81	81	160	SISMA SLV X	17.74	32.28	9.75
81	81	52	SISMA SLV X	8.65	27.11	11.64
81	81	49	SISMA SLV X	15.65	38.78	12.8
81	81	157	SISMA SLV Y	11.56	20.12	26.36
81	81	160	SISMA SLV Y	15.1	14.89	21.19
81	81	52	SISMA SLV Y	8.91	12.72	23.29
81	81	49	SISMA SLV Y	7.32	18.04	28.38
81	81	157	SISMA SLD X	12.23	21.43	5.98
81	81	160	SISMA SLD X	8.67	15.76	4.76
81	81	52	SISMA SLD X	4.23	13.24	5.69
81	81	49	SISMA SLD X	7.64	18.94	6.25
81	81	157	SISMA SLD Y	5.65	9.83	12.87
81	81	160	SISMA SLD Y	7.38	7.27	10.35
81	81	52	SISMA SLD Y	4.35	6.21	11.37
81	81	49	SISMA SLD Y	3.58	8.81	13.86
81	81	157	SISMA SLO X	10.13	17.75	4.96
81	81	160	SISMA SLO X	7.18	13.06	3.94
81	81	52	SISMA SLO X	3.5	10.97	4.71
81	81	49	SISMA SLO X	6.33	15.69	5.18
81	81	157	SISMA SLO Y	4.68	8.14	10.66
81	81	160	SISMA SLO Y	6.11	6.02	8.57
81	81	52	SISMA SLO Y	3.61	5.14	9.42
81	81	49	SISMA SLO Y	2.96	7.3	11.48
81	81	157	SLT	0.	0.	0.
81	81	160	SLT	0.	0.	0.
81	81	52	SLT	0.	0.	0.
81	81	49	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
81	81	157	~TorsionSISMA SLV X	0.	0.	0.
81	81	160	~TorsionSISMA SLV X	0.	0.	0.
81	81	52	~TorsionSISMA SLV X	0.	0.	0.
81	81	49	~TorsionSISMA SLV X	0.	0.	0.
81	81	157	~TorsionSISMA SLV Y	0.	0.	0.
81	81	160	~TorsionSISMA SLV Y	0.	0.	0.
81	81	52	~TorsionSISMA SLV Y	0.	0.	0.
81	81	49	~TorsionSISMA SLV Y	0.	0.	0.
81	81	157	~TorsionSISMA SLD X	0.	0.	0.
81	81	160	~TorsionSISMA SLD X	0.	0.	0.
81	81	52	~TorsionSISMA SLD X	0.	0.	0.
81	81	49	~TorsionSISMA SLD X	0.	0.	0.
81	81	157	~TorsionSISMA SLD Y	0.	0.	0.
81	81	160	~TorsionSISMA SLD Y	0.	0.	0.
81	81	52	~TorsionSISMA SLD Y	0.	0.	0.
81	81	49	~TorsionSISMA SLD Y	0.	0.	0.
81	81	157	~TorsionSISMA SLO X	0.	0.	0.
81	81	160	~TorsionSISMA SLO X	0.	0.	0.
81	81	52	~TorsionSISMA SLO X	0.	0.	0.
81	81	49	~TorsionSISMA SLO X	0.	0.	0.
81	81	157	~TorsionSISMA SLO Y	0.	0.	0.
81	81	160	~TorsionSISMA SLO Y	0.	0.	0.
81	81	52	~TorsionSISMA SLO Y	0.	0.	0.
81	81	49	~TorsionSISMA SLO Y	0.	0.	0.
82	82	49	G1_K	-68.46	-207.82	-18.9
82	82	52	G1_K	-35.41	-122.66	34.82
82	82	126	G1_K	-26.55	-175.71	71.99
82	82	121	G1_K	-59.62	-261.66	18.27
82	82	49	G2_K	12.25	2.04	-1.58
82	82	52	G2_K	4.16	-3.14	-9.58
82	82	126	G2_K	10.34	-13.74	-9.
82	82	121	G2_K	18.5	-8.64	-1.
82	82	49	Q_K	-45.1	-128.88	-12.09
82	82	52	Q_K	-23.87	-74.78	22.67
82	82	126	Q_K	-16.54	-108.6	46.36

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
82	82	121	Q_K	-37.78	-163.22	11.61
82	82	49	N_K	-5.41	-15.47	-1.45
82	82	52	N_K	-2.86	-8.97	2.72
82	82	126	N_K	-1.98	-13.03	5.56
82	82	121	N_K	-4.53	-19.59	1.39
82	82	49	T+_K	0.	0.	0.
82	82	52	T+_K	0.	0.	0.
82	82	126	T+_K	0.	0.	0.
82	82	121	T+_K	0.	0.	0.
82	82	49	T-_K	0.	0.	0.
82	82	52	T-_K	0.	0.	0.
82	82	126	T-_K	0.	0.	0.
82	82	121	T-_K	0.	0.	0.
82	82	49	G1_D	-88.99	-270.17	-24.57
82	82	52	G1_D	-46.03	-159.46	45.27
82	82	126	G1_D	-34.52	-228.43	93.58
82	82	121	G1_D	-77.5	-340.16	23.75
82	82	49	G2_D	15.93	2.65	-2.06
82	82	52	G2_D	5.4	-4.08	-12.46
82	82	126	G2_D	13.44	-17.87	-11.7
82	82	121	G2_D	24.05	-11.23	-1.3
82	82	49	Q_D	-67.65	-193.32	-18.13
82	82	52	Q_D	-35.8	-112.17	34.
82	82	126	Q_D	-24.81	-162.91	69.54
82	82	121	Q_D	-56.67	-244.83	17.41
82	82	49	N_D	-8.12	-23.2	-2.18
82	82	52	N_D	-4.3	-13.46	4.08
82	82	126	N_D	-2.98	-19.55	8.34
82	82	121	N_D	-6.8	-29.38	2.09
82	82	49	T+_D	0.	0.	0.
82	82	52	T+_D	0.	0.	0.
82	82	126	T+_D	0.	0.	0.
82	82	121	T+_D	0.	0.	0.
82	82	49	T-_D	0.	0.	0.
82	82	52	T-_D	0.	0.	0.
82	82	126	T-_D	0.	0.	0.
82	82	121	T-_D	0.	0.	0.
82	82	49	W+_K	0.	0.	0.
82	82	52	W+_K	0.	0.	0.
82	82	126	W+_K	0.	0.	0.
82	82	121	W+_K	0.	0.	0.
82	82	49	W-_K	0.	0.	0.
82	82	52	W-_K	0.	0.	0.
82	82	126	W-_K	0.	0.	0.
82	82	121	W-_K	0.	0.	0.
82	82	49	W+_D	0.	0.	0.
82	82	52	W+_D	0.	0.	0.
82	82	126	W+_D	0.	0.	0.
82	82	121	W+_D	0.	0.	0.
82	82	49	W-_D	0.	0.	0.
82	82	52	W-_D	0.	0.	0.
82	82	126	W-_D	0.	0.	0.
82	82	121	W-_D	0.	0.	0.
82	82	49	SISMA SLV X	14.85	42.69	11.57

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
82	82	52	SISMA SLV X	10.75	32.61	17.45
82	82	126	SISMA SLV X	20.09	17.08	20.03
82	82	121	SISMA SLV X	17.87	26.23	7.65
82	82	49	SISMA SLV Y	7.54	19.25	24.2
82	82	52	SISMA SLV Y	9.38	15.38	28.4
82	82	126	SISMA SLV Y	11.63	10.45	21.81
82	82	121	SISMA SLV Y	8.56	10.58	16.6
82	82	49	SISMA SLD X	7.25	20.85	5.65
82	82	52	SISMA SLD X	5.25	15.93	8.52
82	82	126	SISMA SLD X	9.81	8.34	9.79
82	82	121	SISMA SLD X	8.73	12.81	3.74
82	82	49	SISMA SLD Y	3.68	9.4	11.82
82	82	52	SISMA SLD Y	4.58	7.51	13.87
82	82	126	SISMA SLD Y	5.68	5.11	10.65
82	82	121	SISMA SLD Y	4.18	5.17	8.11
82	82	49	SISMA SLO X	6.01	17.27	4.68
82	82	52	SISMA SLO X	4.35	13.19	7.06
82	82	126	SISMA SLO X	8.13	6.91	8.11
82	82	121	SISMA SLO X	7.23	10.61	3.09
82	82	49	SISMA SLO Y	3.05	7.79	9.79
82	82	52	SISMA SLO Y	3.79	6.22	11.49
82	82	126	SISMA SLO Y	4.7	4.23	8.82
82	82	121	SISMA SLO Y	3.46	4.28	6.71
82	82	49	SLT	0.	0.	0.
82	82	52	SLT	0.	0.	0.
82	82	126	SLT	0.	0.	0.
82	82	121	SLT	0.	0.	0.
82	82	49	~TorsionSISMA SLV X	0.	0.	0.
82	82	52	~TorsionSISMA SLV X	0.	0.	0.
82	82	126	~TorsionSISMA SLV X	0.	0.	0.
82	82	121	~TorsionSISMA SLV X	0.	0.	0.
82	82	49	~TorsionSISMA SLV Y	0.	0.	0.
82	82	52	~TorsionSISMA SLV Y	0.	0.	0.
82	82	126	~TorsionSISMA SLV Y	0.	0.	0.
82	82	121	~TorsionSISMA SLV Y	0.	0.	0.
82	82	49	~TorsionSISMA SLD X	0.	0.	0.
82	82	52	~TorsionSISMA SLD X	0.	0.	0.
82	82	126	~TorsionSISMA SLD X	0.	0.	0.
82	82	121	~TorsionSISMA SLD X	0.	0.	0.
82	82	49	~TorsionSISMA SLD Y	0.	0.	0.
82	82	52	~TorsionSISMA SLD Y	0.	0.	0.
82	82	126	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
82	82	121	~TorsionSISMA SLD Y	0.	0.	0.
82	82	49	~TorsionSISMA SLO X	0.	0.	0.
82	82	52	~TorsionSISMA SLO X	0.	0.	0.
82	82	126	~TorsionSISMA SLO X	0.	0.	0.
82	82	121	~TorsionSISMA SLO X	0.	0.	0.
82	82	49	~TorsionSISMA SLO Y	0.	0.	0.
82	82	52	~TorsionSISMA SLO Y	0.	0.	0.
82	82	126	~TorsionSISMA SLO Y	0.	0.	0.
82	82	121	~TorsionSISMA SLO Y	0.	0.	0.
83	83	158	G1_K	-11.93	-63.22	3.72
83	83	102	G1_K	-17.55	-84.19	7.84
83	83	18	G1_K	-8.66	-102.9	12.49
83	83	50	G1_K	-3.16	-80.73	8.37
83	83	158	G2_K	6.74	18.08	-5.62
83	83	102	G2_K	-5.01	-9.43	-1.31
83	83	18	G2_K	-7.87	-44.47	-8.52
83	83	50	G2_K	3.87	-15.59	-12.84
83	83	158	Q_K	-1.24	-2.59	0.64
83	83	102	Q_K	-1.79	-12.56	2.14
83	83	18	Q_K	0.52	-17.68	2.63
83	83	50	Q_K	0.95	-7.12	1.13
83	83	158	N_K	-0.15	-0.31	7.716E-02
83	83	102	N_K	-0.21	-1.51	0.26
83	83	18	N_K	6.282E-02	-2.12	0.32
83	83	50	N_K	0.11	-0.85	0.14
83	83	158	T+_K	0.	0.	0.
83	83	102	T+_K	0.	0.	0.
83	83	18	T+_K	0.	0.	0.
83	83	50	T+_K	0.	0.	0.
83	83	158	T-_K	0.	0.	0.
83	83	102	T-_K	0.	0.	0.
83	83	18	T-_K	0.	0.	0.
83	83	50	T-_K	0.	0.	0.
83	83	158	G1_D	-15.51	-82.18	4.84
83	83	102	G1_D	-22.82	-109.44	10.19
83	83	18	G1_D	-11.26	-133.77	16.23
83	83	50	G1_D	-4.11	-104.95	10.88
83	83	158	G2_D	8.76	23.5	-7.31
83	83	102	G2_D	-6.51	-12.25	-1.7
83	83	18	G2_D	-10.23	-57.81	-11.08
83	83	50	G2_D	5.03	-20.27	-16.69
83	83	158	Q_D	-1.86	-3.89	0.96
83	83	102	Q_D	-2.68	-18.84	3.21
83	83	18	Q_D	0.79	-26.52	3.94
83	83	50	Q_D	1.43	-10.69	1.69
83	83	158	N_D	-0.22	-0.47	0.12
83	83	102	N_D	-0.32	-2.26	0.39

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
83	83	18	N_D	9.423E-02	-3.18	0.47
83	83	50	N_D	0.17	-1.28	0.2
83	83	158	T+_D	0.	0.	0.
83	83	102	T+_D	0.	0.	0.
83	83	18	T+_D	0.	0.	0.
83	83	50	T+_D	0.	0.	0.
83	83	158	T-_D	0.	0.	0.
83	83	102	T-_D	0.	0.	0.
83	83	18	T-_D	0.	0.	0.
83	83	50	T-_D	0.	0.	0.
83	83	158	W+_K	0.	0.	0.
83	83	102	W+_K	0.	0.	0.
83	83	18	W+_K	0.	0.	0.
83	83	50	W+_K	0.	0.	0.
83	83	158	W-_K	0.	0.	0.
83	83	102	W-_K	0.	0.	0.
83	83	18	W-_K	0.	0.	0.
83	83	50	W-_K	0.	0.	0.
83	83	158	W+_D	0.	0.	0.
83	83	102	W+_D	0.	0.	0.
83	83	18	W+_D	0.	0.	0.
83	83	50	W+_D	0.	0.	0.
83	83	158	W-_D	0.	0.	0.
83	83	102	W-_D	0.	0.	0.
83	83	18	W-_D	0.	0.	0.
83	83	50	W-_D	0.	0.	0.
83	83	158	SISMA SLV X	9.09	45.53	8.04
83	83	102	SISMA SLV X	5.37	24.84	5.29
83	83	18	SISMA SLV X	6.02	55.47	19.36
83	83	50	SISMA SLV X	4.6	7.57	23.
83	83	158	SISMA SLV Y	6.1	31.47	15.29
83	83	102	SISMA SLV Y	10.09	49.03	11.86
83	83	18	SISMA SLV Y	5.	43.88	34.12
83	83	50	SISMA SLV Y	2.42	12.8	37.69
83	83	158	SISMA SLD X	4.44	22.24	3.93
83	83	102	SISMA SLD X	2.62	12.13	2.58
83	83	18	SISMA SLD X	2.94	27.09	9.45
83	83	50	SISMA SLD X	2.24	3.7	11.24
83	83	158	SISMA SLD Y	2.98	15.37	7.47
83	83	102	SISMA SLD Y	4.93	23.94	5.79
83	83	18	SISMA SLD Y	2.44	21.43	16.66
83	83	50	SISMA SLD Y	1.18	6.25	18.41
83	83	158	SISMA SLO X	3.68	18.41	3.25
83	83	102	SISMA SLO X	2.17	10.04	2.14
83	83	18	SISMA SLO X	2.44	22.44	7.83
83	83	50	SISMA SLO X	1.86	3.06	9.3
83	83	158	SISMA SLO Y	2.47	12.73	6.18
83	83	102	SISMA SLO Y	4.08	19.83	4.8
83	83	18	SISMA SLO Y	2.02	17.75	13.8
83	83	50	SISMA SLO Y	0.98	5.18	15.24
83	83	158	SLT	0.	0.	0.
83	83	102	SLT	0.	0.	0.
83	83	18	SLT	0.	0.	0.
83	83	50	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
83	83	158	~TorsionSISMA SLV X	0.	0.	0.
83	83	102	~TorsionSISMA SLV X	0.	0.	0.
83	83	18	~TorsionSISMA SLV X	0.	0.	0.
83	83	50	~TorsionSISMA SLV X	0.	0.	0.
83	83	158	~TorsionSISMA SLV Y	0.	0.	0.
83	83	102	~TorsionSISMA SLV Y	0.	0.	0.
83	83	18	~TorsionSISMA SLV Y	0.	0.	0.
83	83	50	~TorsionSISMA SLV Y	0.	0.	0.
83	83	158	~TorsionSISMA SLD X	0.	0.	0.
83	83	102	~TorsionSISMA SLD X	0.	0.	0.
83	83	18	~TorsionSISMA SLD X	0.	0.	0.
83	83	50	~TorsionSISMA SLD X	0.	0.	0.
83	83	158	~TorsionSISMA SLD Y	0.	0.	0.
83	83	102	~TorsionSISMA SLD Y	0.	0.	0.
83	83	18	~TorsionSISMA SLD Y	0.	0.	0.
83	83	50	~TorsionSISMA SLD Y	0.	0.	0.
83	83	158	~TorsionSISMA SLO X	0.	0.	0.
83	83	102	~TorsionSISMA SLO X	0.	0.	0.
83	83	18	~TorsionSISMA SLO X	0.	0.	0.
83	83	50	~TorsionSISMA SLO X	0.	0.	0.
83	83	158	~TorsionSISMA SLO Y	0.	0.	0.
83	83	102	~TorsionSISMA SLO Y	0.	0.	0.
83	83	18	~TorsionSISMA SLO Y	0.	0.	0.
83	83	50	~TorsionSISMA SLO Y	0.	0.	0.
84	84	50	G1_K	-6.	-78.15	2.13
84	84	18	G1_K	-0.81	-80.38	7.44
84	84	136	G1_K	13.05	-76.25	2.
84	84	159	G1_K	7.6	-74.	-3.31
84	84	50	G2_K	8.8	-0.3	-10.9
84	84	18	G2_K	-6.85	-29.98	-8.74
84	84	136	G2_K	-12.56	-45.94	-13.52
84	84	159	G2_K	2.91	-15.23	-15.68
84	84	50	Q_K	-2.87	-12.2	-2.1
84	84	18	Q_K	4.25	-13.08	3.17
84	84	136	Q_K	12.83	-11.02	2.26

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
84	84	159	Q_K	5.58	-10.13	-3.02
84	84	50	N_K	-0.34	-1.46	-0.25
84	84	18	N_K	0.51	-1.57	0.38
84	84	136	N_K	1.54	-1.32	0.27
84	84	159	N_K	0.67	-1.22	-0.36
84	84	50	T+_K	0.	0.	0.
84	84	18	T+_K	0.	0.	0.
84	84	136	T+_K	0.	0.	0.
84	84	159	T+_K	0.	0.	0.
84	84	50	T-_K	0.	0.	0.
84	84	18	T-_K	0.	0.	0.
84	84	136	T-_K	0.	0.	0.
84	84	159	T-_K	0.	0.	0.
84	84	50	G1_D	-7.8	-101.6	2.77
84	84	18	G1_D	-1.05	-104.49	9.67
84	84	136	G1_D	16.96	-99.13	2.6
84	84	159	G1_D	9.88	-96.19	-4.3
84	84	50	G2_D	11.45	-0.39	-14.17
84	84	18	G2_D	-8.91	-38.97	-11.36
84	84	136	G2_D	-16.33	-59.72	-17.58
84	84	159	G2_D	3.78	-19.8	-20.38
84	84	50	Q_D	-4.3	-18.3	-3.15
84	84	18	Q_D	6.37	-19.61	4.76
84	84	136	Q_D	19.25	-16.53	3.39
84	84	159	Q_D	8.37	-15.19	-4.53
84	84	50	N_D	-0.52	-2.2	-0.38
84	84	18	N_D	0.76	-2.35	0.57
84	84	136	N_D	2.31	-1.98	0.41
84	84	159	N_D	1.	-1.82	-0.54
84	84	50	T+_D	0.	0.	0.
84	84	18	T+_D	0.	0.	0.
84	84	136	T+_D	0.	0.	0.
84	84	159	T+_D	0.	0.	0.
84	84	50	T-_D	0.	0.	0.
84	84	18	T-_D	0.	0.	0.
84	84	136	T-_D	0.	0.	0.
84	84	159	T-_D	0.	0.	0.
84	84	50	W+_K	0.	0.	0.
84	84	18	W+_K	0.	0.	0.
84	84	136	W+_K	0.	0.	0.
84	84	159	W+_K	0.	0.	0.
84	84	50	W-_K	0.	0.	0.
84	84	18	W-_K	0.	0.	0.
84	84	136	W-_K	0.	0.	0.
84	84	159	W-_K	0.	0.	0.
84	84	50	W+_D	0.	0.	0.
84	84	18	W+_D	0.	0.	0.
84	84	136	W+_D	0.	0.	0.
84	84	159	W+_D	0.	0.	0.
84	84	50	W-_D	0.	0.	0.
84	84	18	W-_D	0.	0.	0.
84	84	136	W-_D	0.	0.	0.
84	84	159	W-_D	0.	0.	0.
84	84	50	SISMA SLV X	2.42	8.43	21.19

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
84	84	18	SISMA SLV X	4.98	30.19	17.15
84	84	136	SISMA SLV X	6.87	48.12	20.11
84	84	159	SISMA SLV X	5.59	20.61	24.3
84	84	50	SISMA SLV Y	1.42	17.28	31.34
84	84	18	SISMA SLV Y	4.51	36.86	27.39
84	84	136	SISMA SLV Y	8.88	30.44	25.59
84	84	159	SISMA SLV Y	11.65	10.08	29.5
84	84	50	SISMA SLD X	1.18	4.12	10.35
84	84	18	SISMA SLD X	2.43	14.75	8.38
84	84	136	SISMA SLD X	3.36	23.5	9.82
84	84	159	SISMA SLD X	2.73	10.07	11.87
84	84	50	SISMA SLD Y	0.69	8.44	15.3
84	84	18	SISMA SLD Y	2.2	18.	13.38
84	84	136	SISMA SLD Y	4.34	14.87	12.5
84	84	159	SISMA SLD Y	5.69	4.92	14.41
84	84	50	SISMA SLO X	0.98	3.41	8.57
84	84	18	SISMA SLO X	2.01	12.22	6.94
84	84	136	SISMA SLO X	2.78	19.47	8.14
84	84	159	SISMA SLO X	2.26	8.34	9.83
84	84	50	SISMA SLO Y	0.57	6.99	12.67
84	84	18	SISMA SLO Y	1.82	14.91	11.08
84	84	136	SISMA SLO Y	3.59	12.32	10.35
84	84	159	SISMA SLO Y	4.71	4.08	11.93
84	84	50	SLT	0.	0.	0.
84	84	18	SLT	0.	0.	0.
84	84	136	SLT	0.	0.	0.
84	84	159	SLT	0.	0.	0.
84	84	50	~TorsionSISMA SLV X	0.	0.	0.
84	84	18	~TorsionSISMA SLV X	0.	0.	0.
84	84	136	~TorsionSISMA SLV X	0.	0.	0.
84	84	159	~TorsionSISMA SLV X	0.	0.	0.
84	84	50	~TorsionSISMA SLV Y	0.	0.	0.
84	84	18	~TorsionSISMA SLV Y	0.	0.	0.
84	84	136	~TorsionSISMA SLV Y	0.	0.	0.
84	84	159	~TorsionSISMA SLV Y	0.	0.	0.
84	84	50	~TorsionSISMA SLD X	0.	0.	0.
84	84	18	~TorsionSISMA SLD X	0.	0.	0.
84	84	136	~TorsionSISMA SLD X	0.	0.	0.
84	84	159	~TorsionSISMA SLD X	0.	0.	0.
84	84	50	~TorsionSISMA SLD Y	0.	0.	0.
84	84	18	~TorsionSISMA SLD Y	0.	0.	0.
84	84	136	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
84	84	159	~TorsionSISMA SLD Y	0.	0.	0.
84	84	50	~TorsionSISMA SLO X	0.	0.	0.
84	84	18	~TorsionSISMA SLO X	0.	0.	0.
84	84	136	~TorsionSISMA SLO X	0.	0.	0.
84	84	159	~TorsionSISMA SLO X	0.	0.	0.
84	84	50	~TorsionSISMA SLO Y	0.	0.	0.
84	84	18	~TorsionSISMA SLO Y	0.	0.	0.
84	84	136	~TorsionSISMA SLO Y	0.	0.	0.
84	84	159	~TorsionSISMA SLO Y	0.	0.	0.
85	85	159	G1_K	0.81	-67.31	-4.39
85	85	136	G1_K	25.91	-52.57	3.55
85	85	20	G1_K	35.41	-52.27	5.633E-02
85	85	51	G1_K	9.91	-65.89	-7.88
85	85	159	G2_K	4.15	-3.88	-17.59
85	85	136	G2_K	-5.27	-14.63	-14.51
85	85	20	G2_K	-8.77	-29.86	-14.5
85	85	51	G2_K	0.49	-18.2	-17.58
85	85	159	Q_K	0.39	-13.2	-2.56
85	85	136	Q_K	18.19	-7.15	2.53
85	85	20	Q_K	25.18	-7.23	0.29
85	85	51	Q_K	7.15	-12.61	-4.79
85	85	159	N_K	4.671E-02	-1.58	-0.31
85	85	136	N_K	2.18	-0.86	0.3
85	85	20	N_K	3.02	-0.87	3.530E-02
85	85	51	N_K	0.86	-1.51	-0.58
85	85	159	T+_K	0.	0.	0.
85	85	136	T+_K	0.	0.	0.
85	85	20	T+_K	0.	0.	0.
85	85	51	T+_K	0.	0.	0.
85	85	159	T-_K	0.	0.	0.
85	85	136	T-_K	0.	0.	0.
85	85	20	T-_K	0.	0.	0.
85	85	51	T-_K	0.	0.	0.
85	85	159	G1_D	1.05	-87.5	-5.71
85	85	136	G1_D	33.69	-68.34	4.61
85	85	20	G1_D	46.04	-67.95	7.323E-02
85	85	51	G1_D	12.88	-85.65	-10.25
85	85	159	G2_D	5.39	-5.04	-22.87
85	85	136	G2_D	-6.85	-19.02	-18.86
85	85	20	G2_D	-11.41	-38.81	-18.85
85	85	51	G2_D	0.64	-23.66	-22.86
85	85	159	Q_D	0.58	-19.8	-3.84
85	85	136	Q_D	27.28	-10.72	3.79
85	85	20	Q_D	37.77	-10.84	0.44
85	85	51	Q_D	10.72	-18.91	-7.19
85	85	159	N_D	7.006E-02	-2.38	-0.46
85	85	136	N_D	3.27	-1.29	0.45

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
85	85	20	N_D	4.53	-1.3	5.295E-02
85	85	51	N_D	1.29	-2.27	-0.86
85	85	159	T+_D	0.	0.	0.
85	85	136	T+_D	0.	0.	0.
85	85	20	T+_D	0.	0.	0.
85	85	51	T+_D	0.	0.	0.
85	85	159	T-_D	0.	0.	0.
85	85	136	T-_D	0.	0.	0.
85	85	20	T-_D	0.	0.	0.
85	85	51	T-_D	0.	0.	0.
85	85	159	W+_K	0.	0.	0.
85	85	136	W+_K	0.	0.	0.
85	85	20	W+_K	0.	0.	0.
85	85	51	W+_K	0.	0.	0.
85	85	159	W-_K	0.	0.	0.
85	85	136	W-_K	0.	0.	0.
85	85	20	W-_K	0.	0.	0.
85	85	51	W-_K	0.	0.	0.
85	85	159	W+_D	0.	0.	0.
85	85	136	W+_D	0.	0.	0.
85	85	20	W+_D	0.	0.	0.
85	85	51	W+_D	0.	0.	0.
85	85	159	W-_D	0.	0.	0.
85	85	136	W-_D	0.	0.	0.
85	85	20	W-_D	0.	0.	0.
85	85	51	W-_D	0.	0.	0.
85	85	159	SISMA SLV X	8.29	17.79	25.65
85	85	136	SISMA SLV X	18.32	14.48	20.46
85	85	20	SISMA SLV X	19.66	28.56	17.26
85	85	51	SISMA SLV X	11.35	33.42	22.45
85	85	159	SISMA SLV Y	10.47	12.05	30.31
85	85	136	SISMA SLV Y	12.36	22.78	25.51
85	85	20	SISMA SLV Y	19.23	16.66	22.31
85	85	51	SISMA SLV Y	18.57	15.05	27.07
85	85	159	SISMA SLD X	4.05	8.69	12.53
85	85	136	SISMA SLD X	8.95	7.07	9.99
85	85	20	SISMA SLD X	9.6	13.95	8.43
85	85	51	SISMA SLD X	5.55	16.32	10.97
85	85	159	SISMA SLD Y	5.11	5.89	14.8
85	85	136	SISMA SLD Y	6.03	11.13	12.46
85	85	20	SISMA SLD Y	9.39	8.14	10.89
85	85	51	SISMA SLD Y	9.07	7.35	13.22
85	85	159	SISMA SLO X	3.35	7.2	10.38
85	85	136	SISMA SLO X	7.41	5.86	8.28
85	85	20	SISMA SLO X	7.95	11.56	6.98
85	85	51	SISMA SLO X	4.59	13.52	9.08
85	85	159	SISMA SLO Y	4.24	4.88	12.26
85	85	136	SISMA SLO Y	5.	9.21	10.32
85	85	20	SISMA SLO Y	7.78	6.74	9.02
85	85	51	SISMA SLO Y	7.51	6.09	10.95
85	85	159	SLT	0.	0.	0.
85	85	136	SLT	0.	0.	0.
85	85	20	SLT	0.	0.	0.
85	85	51	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
85	85	159	~TorsionSISMA SLV X	0.	0.	0.
85	85	136	~TorsionSISMA SLV X	0.	0.	0.
85	85	20	~TorsionSISMA SLV X	0.	0.	0.
85	85	51	~TorsionSISMA SLV X	0.	0.	0.
85	85	159	~TorsionSISMA SLV Y	0.	0.	0.
85	85	136	~TorsionSISMA SLV Y	0.	0.	0.
85	85	20	~TorsionSISMA SLV Y	0.	0.	0.
85	85	51	~TorsionSISMA SLV Y	0.	0.	0.
85	85	159	~TorsionSISMA SLD X	0.	0.	0.
85	85	136	~TorsionSISMA SLD X	0.	0.	0.
85	85	20	~TorsionSISMA SLD X	0.	0.	0.
85	85	51	~TorsionSISMA SLD X	0.	0.	0.
85	85	159	~TorsionSISMA SLD Y	0.	0.	0.
85	85	136	~TorsionSISMA SLD Y	0.	0.	0.
85	85	20	~TorsionSISMA SLD Y	0.	0.	0.
85	85	51	~TorsionSISMA SLD Y	0.	0.	0.
85	85	159	~TorsionSISMA SLO X	0.	0.	0.
85	85	136	~TorsionSISMA SLO X	0.	0.	0.
85	85	20	~TorsionSISMA SLO X	0.	0.	0.
85	85	51	~TorsionSISMA SLO X	0.	0.	0.
85	85	159	~TorsionSISMA SLO Y	0.	0.	0.
85	85	136	~TorsionSISMA SLO Y	0.	0.	0.
85	85	20	~TorsionSISMA SLO Y	0.	0.	0.
85	85	51	~TorsionSISMA SLO Y	0.	0.	0.
86	86	51	G1_K	1.89	-69.28	-8.62
86	86	20	G1_K	48.83	-21.86	3.34
86	86	138	G1_K	60.71	-29.15	10.74
86	86	160	G1_K	13.67	-77.47	-1.21
86	86	51	G2_K	3.1	-0.75	-19.35
86	86	20	G2_K	-3.85	-9.62	-13.48
86	86	138	G2_K	-4.5	-23.61	-14.68
86	86	160	G2_K	2.25	-13.51	-20.55
86	86	51	Q_K	0.79	-23.12	-5.21
86	86	20	Q_K	32.02	5.75	2.45
86	86	138	Q_K	40.53	0.59	7.45

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
86	86	160	Q_K	9.26	-28.88	-0.2
86	86	51	N_K	9.535E-02	-2.77	-0.62
86	86	20	N_K	3.84	0.69	0.29
86	86	138	N_K	4.86	7.035E-02	0.89
86	86	160	N_K	1.11	-3.47	-2.450E-02
86	86	51	T+_K	0.	0.	0.
86	86	20	T+_K	0.	0.	0.
86	86	138	T+_K	0.	0.	0.
86	86	160	T+_K	0.	0.	0.
86	86	51	T-_K	0.	0.	0.
86	86	20	T-_K	0.	0.	0.
86	86	138	T-_K	0.	0.	0.
86	86	160	T-_K	0.	0.	0.
86	86	51	G1_D	2.45	-90.07	-11.2
86	86	20	G1_D	63.48	-28.42	4.34
86	86	138	G1_D	78.92	-37.89	13.97
86	86	160	G1_D	17.77	-100.72	-1.58
86	86	51	G2_D	4.03	-0.98	-25.15
86	86	20	G2_D	-5.	-12.51	-17.52
86	86	138	G2_D	-5.86	-30.69	-19.09
86	86	160	G2_D	2.93	-17.56	-26.72
86	86	51	Q_D	1.19	-34.69	-7.81
86	86	20	Q_D	48.04	8.63	3.68
86	86	138	Q_D	60.8	0.88	11.18
86	86	160	Q_D	13.88	-43.31	-0.31
86	86	51	N_D	0.14	-4.16	-0.94
86	86	20	N_D	5.76	1.04	0.44
86	86	138	N_D	7.3	0.11	1.34
86	86	160	N_D	1.67	-5.2	-3.675E-02
86	86	51	T+_D	0.	0.	0.
86	86	20	T+_D	0.	0.	0.
86	86	138	T+_D	0.	0.	0.
86	86	160	T+_D	0.	0.	0.
86	86	51	T-_D	0.	0.	0.
86	86	20	T-_D	0.	0.	0.
86	86	138	T-_D	0.	0.	0.
86	86	160	T-_D	0.	0.	0.
86	86	51	W+_K	0.	0.	0.
86	86	20	W+_K	0.	0.	0.
86	86	138	W+_K	0.	0.	0.
86	86	160	W+_K	0.	0.	0.
86	86	51	W-_K	0.	0.	0.
86	86	20	W-_K	0.	0.	0.
86	86	138	W-_K	0.	0.	0.
86	86	160	W-_K	0.	0.	0.
86	86	51	W+_D	0.	0.	0.
86	86	20	W+_D	0.	0.	0.
86	86	138	W+_D	0.	0.	0.
86	86	160	W+_D	0.	0.	0.
86	86	51	W-_D	0.	0.	0.
86	86	20	W-_D	0.	0.	0.
86	86	138	W-_D	0.	0.	0.
86	86	160	W-_D	0.	0.	0.
86	86	51	SISMA SLV X	12.21	25.49	22.39

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
86	86	20	SISMA SLV X	27.65	7.7	17.14
86	86	138	SISMA SLV X	28.46	17.51	9.73
86	86	160	SISMA SLV X	12.73	38.1	15.12
86	86	51	SISMA SLV Y	16.66	11.88	29.34
86	86	20	SISMA SLV Y	21.66	13.37	19.98
86	86	138	SISMA SLV Y	23.25	8.72	14.67
86	86	160	SISMA SLV Y	18.47	18.01	24.07
86	86	51	SISMA SLD X	5.97	12.45	10.94
86	86	20	SISMA SLD X	13.5	3.76	8.37
86	86	138	SISMA SLD X	13.9	8.55	4.75
86	86	160	SISMA SLD X	6.22	18.61	7.39
86	86	51	SISMA SLD Y	8.13	5.8	14.33
86	86	20	SISMA SLD Y	10.58	6.53	9.76
86	86	138	SISMA SLD Y	11.35	4.26	7.16
86	86	160	SISMA SLD Y	9.02	8.8	11.75
86	86	51	SISMA SLO X	4.94	10.31	9.06
86	86	20	SISMA SLO X	11.19	3.11	6.94
86	86	138	SISMA SLO X	11.51	7.09	3.93
86	86	160	SISMA SLO X	5.15	15.42	6.12
86	86	51	SISMA SLO Y	6.74	4.81	11.87
86	86	20	SISMA SLO Y	8.76	5.41	8.08
86	86	138	SISMA SLO Y	9.4	3.53	5.93
86	86	160	SISMA SLO Y	7.47	7.29	9.73
86	86	51	SLT	0.	0.	0.
86	86	20	SLT	0.	0.	0.
86	86	138	SLT	0.	0.	0.
86	86	160	SLT	0.	0.	0.
86	86	51	~TorsionSISMA SLV X	0.	0.	0.
86	86	20	~TorsionSISMA SLV X	0.	0.	0.
86	86	138	~TorsionSISMA SLV X	0.	0.	0.
86	86	160	~TorsionSISMA SLV X	0.	0.	0.
86	86	51	~TorsionSISMA SLV Y	0.	0.	0.
86	86	20	~TorsionSISMA SLV Y	0.	0.	0.
86	86	138	~TorsionSISMA SLV Y	0.	0.	0.
86	86	160	~TorsionSISMA SLV Y	0.	0.	0.
86	86	51	~TorsionSISMA SLD X	0.	0.	0.
86	86	20	~TorsionSISMA SLD X	0.	0.	0.
86	86	138	~TorsionSISMA SLD X	0.	0.	0.
86	86	160	~TorsionSISMA SLD X	0.	0.	0.
86	86	51	~TorsionSISMA SLD Y	0.	0.	0.
86	86	20	~TorsionSISMA SLD Y	0.	0.	0.
86	86	138	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
86	86	160	~TorsionSISMA SLD Y	0.	0.	0.
86	86	51	~TorsionSISMA SLO X	0.	0.	0.
86	86	20	~TorsionSISMA SLO X	0.	0.	0.
86	86	138	~TorsionSISMA SLO X	0.	0.	0.
86	86	160	~TorsionSISMA SLO X	0.	0.	0.
86	86	51	~TorsionSISMA SLO Y	0.	0.	0.
86	86	20	~TorsionSISMA SLO Y	0.	0.	0.
86	86	138	~TorsionSISMA SLO Y	0.	0.	0.
86	86	160	~TorsionSISMA SLO Y	0.	0.	0.
87	87	160	G1_K	11.7	-69.51	4.82
87	87	138	G1_K	70.67	2.9	15.1
87	87	15	G1_K	67.65	-32.23	12.03
87	87	52	G1_K	8.67	-104.51	1.75
87	87	160	G2_K	4.2	-0.53	-16.72
87	87	138	G2_K	-4.142E-02	-4.52	-18.65
87	87	15	G2_K	-4.94	-18.98	-15.3
87	87	52	G2_K	-0.77	-14.53	-13.37
87	87	160	Q_K	6.73	-31.63	3.62
87	87	138	Q_K	45.05	13.29	10.21
87	87	15	Q_K	44.4	-9.64	8.03
87	87	52	Q_K	6.07	-54.5	1.43
87	87	160	N_K	0.81	-3.8	0.43
87	87	138	N_K	5.41	1.59	1.23
87	87	15	N_K	5.33	-1.16	0.96
87	87	52	N_K	0.73	-6.54	0.17
87	87	160	T+_K	0.	0.	0.
87	87	138	T+_K	0.	0.	0.
87	87	15	T+_K	0.	0.	0.
87	87	52	T+_K	0.	0.	0.
87	87	160	T-_K	0.	0.	0.
87	87	138	T-_K	0.	0.	0.
87	87	15	T-_K	0.	0.	0.
87	87	52	T-_K	0.	0.	0.
87	87	160	G1_D	15.22	-90.36	6.27
87	87	138	G1_D	91.87	3.76	19.63
87	87	15	G1_D	87.95	-41.89	15.64
87	87	52	G1_D	11.27	-135.87	2.28
87	87	160	G2_D	5.46	-0.69	-21.73
87	87	138	G2_D	-5.384E-02	-5.88	-24.25
87	87	15	G2_D	-6.42	-24.68	-19.89
87	87	52	G2_D	-1.01	-18.88	-17.38
87	87	160	Q_D	10.09	-47.44	5.43
87	87	138	Q_D	67.58	19.93	15.32
87	87	15	Q_D	66.59	-14.46	12.04
87	87	52	Q_D	9.1	-81.75	2.15
87	87	160	N_D	1.21	-5.69	0.65
87	87	138	N_D	8.11	2.39	1.84

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
87	87	15	N_D	7.99	-1.74	1.44
87	87	52	N_D	1.09	-9.81	0.26
87	87	160	T+_D	0.	0.	0.
87	87	138	T+_D	0.	0.	0.
87	87	15	T+_D	0.	0.	0.
87	87	52	T+_D	0.	0.	0.
87	87	160	T-_D	0.	0.	0.
87	87	138	T-_D	0.	0.	0.
87	87	15	T-_D	0.	0.	0.
87	87	52	T-_D	0.	0.	0.
87	87	160	W+_K	0.	0.	0.
87	87	138	W+_K	0.	0.	0.
87	87	15	W+_K	0.	0.	0.
87	87	52	W+_K	0.	0.	0.
87	87	160	W-_K	0.	0.	0.
87	87	138	W-_K	0.	0.	0.
87	87	15	W-_K	0.	0.	0.
87	87	52	W-_K	0.	0.	0.
87	87	160	W+_D	0.	0.	0.
87	87	138	W+_D	0.	0.	0.
87	87	15	W+_D	0.	0.	0.
87	87	52	W+_D	0.	0.	0.
87	87	160	W-_D	0.	0.	0.
87	87	138	W-_D	0.	0.	0.
87	87	15	W-_D	0.	0.	0.
87	87	52	W-_D	0.	0.	0.
87	87	160	SISMA SLV X	8.99	23.8	13.71
87	87	138	SISMA SLV X	30.35	4.9	10.1
87	87	15	SISMA SLV X	28.2	10.67	4.33
87	87	52	SISMA SLV X	9.37	33.02	9.02
87	87	160	SISMA SLV Y	15.73	10.79	24.68
87	87	138	SISMA SLV Y	24.5	6.56	14.24
87	87	15	SISMA SLV Y	21.79	5.14	8.17
87	87	52	SISMA SLV Y	13.35	16.4	18.71
87	87	160	SISMA SLD X	4.39	11.63	6.69
87	87	138	SISMA SLD X	14.82	2.39	4.93
87	87	15	SISMA SLD X	13.77	5.21	2.12
87	87	52	SISMA SLD X	4.58	16.13	4.4
87	87	160	SISMA SLD Y	7.68	5.27	12.05
87	87	138	SISMA SLD Y	11.96	3.2	6.96
87	87	15	SISMA SLD Y	10.64	2.51	3.99
87	87	52	SISMA SLD Y	6.52	8.01	9.14
87	87	160	SISMA SLO X	3.63	9.63	5.54
87	87	138	SISMA SLO X	12.28	1.98	4.09
87	87	15	SISMA SLO X	11.41	4.32	1.75
87	87	52	SISMA SLO X	3.79	13.36	3.64
87	87	160	SISMA SLO Y	6.36	4.36	9.98
87	87	138	SISMA SLO Y	9.91	2.65	5.76
87	87	15	SISMA SLO Y	8.81	2.08	3.3
87	87	52	SISMA SLO Y	5.4	6.64	7.57
87	87	160	SLT	0.	0.	0.
87	87	138	SLT	0.	0.	0.
87	87	15	SLT	0.	0.	0.
87	87	52	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
87	87	160	~TorsionSISMA SLV X	0.	0.	0.
87	87	138	~TorsionSISMA SLV X	0.	0.	0.
87	87	15	~TorsionSISMA SLV X	0.	0.	0.
87	87	52	~TorsionSISMA SLV X	0.	0.	0.
87	87	160	~TorsionSISMA SLV Y	0.	0.	0.
87	87	138	~TorsionSISMA SLV Y	0.	0.	0.
87	87	15	~TorsionSISMA SLV Y	0.	0.	0.
87	87	52	~TorsionSISMA SLV Y	0.	0.	0.
87	87	160	~TorsionSISMA SLD X	0.	0.	0.
87	87	138	~TorsionSISMA SLD X	0.	0.	0.
87	87	15	~TorsionSISMA SLD X	0.	0.	0.
87	87	52	~TorsionSISMA SLD X	0.	0.	0.
87	87	160	~TorsionSISMA SLD Y	0.	0.	0.
87	87	138	~TorsionSISMA SLD Y	0.	0.	0.
87	87	15	~TorsionSISMA SLD Y	0.	0.	0.
87	87	52	~TorsionSISMA SLD Y	0.	0.	0.
87	87	160	~TorsionSISMA SLO X	0.	0.	0.
87	87	138	~TorsionSISMA SLO X	0.	0.	0.
87	87	15	~TorsionSISMA SLO X	0.	0.	0.
87	87	52	~TorsionSISMA SLO X	0.	0.	0.
87	87	160	~TorsionSISMA SLO Y	0.	0.	0.
87	87	138	~TorsionSISMA SLO Y	0.	0.	0.
87	87	15	~TorsionSISMA SLO Y	0.	0.	0.
87	87	52	~TorsionSISMA SLO Y	0.	0.	0.
88	88	52	G1_K	14.15	-108.97	30.2
88	88	15	G1_K	75.04	36.54	-3.68
88	88	106	G1_K	-13.22	-38.02	21.32
88	88	126	G1_K	-73.07	-188.8	55.2
88	88	52	G2_K	0.17	-3.87	-16.25
88	88	15	G2_K	-0.81	-4.31	-11.01
88	88	106	G2_K	5.03	-16.2	-5.44
88	88	126	G2_K	5.81	-14.72	-10.68
88	88	52	Q_K	8.14	-65.7	19.63
88	88	15	Q_K	47.5	27.45	-2.13
88	88	106	Q_K	-7.83	-20.74	13.85

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
88	88	126	Q_K	-46.53	-117.28	35.61
88	88	52	N_K	0.98	-7.88	2.36
88	88	15	N_K	5.7	3.29	-0.26
88	88	106	N_K	-0.94	-2.49	1.66
88	88	126	N_K	-5.58	-14.07	4.27
88	88	52	T+_K	0.	0.	0.
88	88	15	T+_K	0.	0.	0.
88	88	106	T+_K	0.	0.	0.
88	88	126	T+_K	0.	0.	0.
88	88	52	T-_K	0.	0.	0.
88	88	15	T-_K	0.	0.	0.
88	88	106	T-_K	0.	0.	0.
88	88	126	T-_K	0.	0.	0.
88	88	52	G1_D	18.39	-141.66	39.26
88	88	15	G1_D	97.55	47.51	-4.78
88	88	106	G1_D	-17.18	-49.42	27.72
88	88	126	G1_D	-94.99	-245.44	71.76
88	88	52	G2_D	0.22	-5.03	-21.12
88	88	15	G2_D	-1.06	-5.6	-14.31
88	88	106	G2_D	6.54	-21.06	-7.08
88	88	126	G2_D	7.56	-19.13	-13.89
88	88	52	Q_D	12.21	-98.55	29.44
88	88	15	Q_D	71.26	41.17	-3.2
88	88	106	Q_D	-11.75	-31.11	20.78
88	88	126	Q_D	-69.8	-175.92	53.42
88	88	52	N_D	1.46	-11.83	3.53
88	88	15	N_D	8.55	4.94	-0.38
88	88	106	N_D	-1.41	-3.73	2.49
88	88	126	N_D	-8.38	-21.11	6.41
88	88	52	T+_D	0.	0.	0.
88	88	15	T+_D	0.	0.	0.
88	88	106	T+_D	0.	0.	0.
88	88	126	T+_D	0.	0.	0.
88	88	52	T-_D	0.	0.	0.
88	88	15	T-_D	0.	0.	0.
88	88	106	T-_D	0.	0.	0.
88	88	126	T-_D	0.	0.	0.
88	88	52	W+_K	0.	0.	0.
88	88	15	W+_K	0.	0.	0.
88	88	106	W+_K	0.	0.	0.
88	88	126	W+_K	0.	0.	0.
88	88	52	W-_K	0.	0.	0.
88	88	15	W-_K	0.	0.	0.
88	88	106	W-_K	0.	0.	0.
88	88	126	W-_K	0.	0.	0.
88	88	52	W+_D	0.	0.	0.
88	88	15	W+_D	0.	0.	0.
88	88	106	W+_D	0.	0.	0.
88	88	126	W+_D	0.	0.	0.
88	88	52	W-_D	0.	0.	0.
88	88	15	W-_D	0.	0.	0.
88	88	106	W-_D	0.	0.	0.
88	88	126	W-_D	0.	0.	0.
88	88	52	SISMA SLV X	5.44	18.4	12.07

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
88	88	15	SISMA SLV X	24.43	7.7	4.73
88	88	106	SISMA SLV X	11.7	6.42	4.87
88	88	126	SISMA SLV X	10.33	23.75	16.19
88	88	52	SISMA SLV Y	9.35	10.83	22.38
88	88	15	SISMA SLV Y	23.73	12.33	7.48
88	88	106	SISMA SLV Y	9.58	12.84	6.92
88	88	126	SISMA SLV Y	5.9	12.78	22.33
88	88	52	SISMA SLD X	2.66	8.99	5.9
88	88	15	SISMA SLD X	11.93	3.76	2.31
88	88	106	SISMA SLD X	5.72	3.13	2.38
88	88	126	SISMA SLD X	5.05	11.6	7.91
88	88	52	SISMA SLD Y	4.57	5.29	10.93
88	88	15	SISMA SLD Y	11.59	6.02	3.65
88	88	106	SISMA SLD Y	4.68	6.27	3.38
88	88	126	SISMA SLD Y	2.88	6.24	10.91
88	88	52	SISMA SLO X	2.2	7.45	4.88
88	88	15	SISMA SLO X	9.88	3.12	1.91
88	88	106	SISMA SLO X	4.74	2.6	1.97
88	88	126	SISMA SLO X	4.18	9.61	6.55
88	88	52	SISMA SLO Y	3.78	4.38	9.05
88	88	15	SISMA SLO Y	9.6	4.99	3.02
88	88	106	SISMA SLO Y	3.87	5.19	2.8
88	88	126	SISMA SLO Y	2.39	5.17	9.03
88	88	52	SLT	0.	0.	0.
88	88	15	SLT	0.	0.	0.
88	88	106	SLT	0.	0.	0.
88	88	126	SLT	0.	0.	0.
88	88	52	~TorsionSISMA SLV X	0.	0.	0.
88	88	15	~TorsionSISMA SLV X	0.	0.	0.
88	88	106	~TorsionSISMA SLV X	0.	0.	0.
88	88	126	~TorsionSISMA SLV X	0.	0.	0.
88	88	52	~TorsionSISMA SLV Y	0.	0.	0.
88	88	15	~TorsionSISMA SLV Y	0.	0.	0.
88	88	106	~TorsionSISMA SLV Y	0.	0.	0.
88	88	126	~TorsionSISMA SLV Y	0.	0.	0.
88	88	52	~TorsionSISMA SLD X	0.	0.	0.
88	88	15	~TorsionSISMA SLD X	0.	0.	0.
88	88	106	~TorsionSISMA SLD X	0.	0.	0.
88	88	126	~TorsionSISMA SLD X	0.	0.	0.
88	88	52	~TorsionSISMA SLD Y	0.	0.	0.
88	88	15	~TorsionSISMA SLD Y	0.	0.	0.
88	88	106	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
88	88	126	~TorsionSISMA SLD Y	0.	0.	0.
88	88	52	~TorsionSISMA SLO X	0.	0.	0.
88	88	15	~TorsionSISMA SLO X	0.	0.	0.
88	88	106	~TorsionSISMA SLO X	0.	0.	0.
88	88	126	~TorsionSISMA SLO X	0.	0.	0.
88	88	52	~TorsionSISMA SLO Y	0.	0.	0.
88	88	15	~TorsionSISMA SLO Y	0.	0.	0.
88	88	106	~TorsionSISMA SLO Y	0.	0.	0.
88	88	126	~TorsionSISMA SLO Y	0.	0.	0.
89	89	101	G1_K	-17.23	-87.42	-6.33
89	89	172	G1_K	-11.7	-57.24	-2.66
89	89	53	G1_K	-2.	-73.94	-2.85
89	89	25	G1_K	-7.47	-104.53	-6.51
89	89	101	G2_K	-116.99	-299.15	-20.34
89	89	172	G2_K	-78.52	-678.4	-2.44
89	89	53	G2_K	24.76	-167.55	-140.5
89	89	25	G2_K	-15.37	201.08	-158.4
89	89	101	Q_K	-1.29	-9.68	-0.91
89	89	172	Q_K	0.35	4.95	-0.46
89	89	53	Q_K	1.51	-3.17	1.31
89	89	25	Q_K	-6.500E-02	-17.99	0.86
89	89	101	N_K	-0.16	-1.16	-0.11
89	89	172	N_K	4.169E-02	0.59	-5.469E-02
89	89	53	N_K	0.18	-0.38	0.16
89	89	25	N_K	-7.800E-03	-2.16	0.1
89	89	101	T+_K	0.	0.	0.
89	89	172	T+_K	0.	0.	0.
89	89	53	T+_K	0.	0.	0.
89	89	25	T+_K	0.	0.	0.
89	89	101	T-_K	0.	0.	0.
89	89	172	T-_K	0.	0.	0.
89	89	53	T-_K	0.	0.	0.
89	89	25	T-_K	0.	0.	0.
89	89	101	G1_D	-22.4	-113.65	-8.23
89	89	172	G1_D	-15.21	-74.41	-3.46
89	89	53	G1_D	-2.6	-96.12	-3.7
89	89	25	G1_D	-9.71	-135.89	-8.47
89	89	101	G2_D	-152.09	-388.9	-26.44
89	89	172	G2_D	-102.08	-881.93	-3.18
89	89	53	G2_D	32.19	-217.81	-182.65
89	89	25	G2_D	-19.99	261.41	-205.91
89	89	101	Q_D	-1.94	-14.52	-1.36
89	89	172	Q_D	0.52	7.42	-0.68
89	89	53	Q_D	2.27	-4.75	1.97
89	89	25	Q_D	-9.750E-02	-26.99	1.29
89	89	101	N_D	-0.23	-1.74	-0.16
89	89	172	N_D	6.254E-02	0.89	-8.203E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
89	89	53	N_D	0.27	-0.57	0.24
89	89	25	N_D	-1.170E-02	-3.24	0.16
89	89	101	T+_D	0.	0.	0.
89	89	172	T+_D	0.	0.	0.
89	89	53	T+_D	0.	0.	0.
89	89	25	T+_D	0.	0.	0.
89	89	101	T-_D	0.	0.	0.
89	89	172	T-_D	0.	0.	0.
89	89	53	T-_D	0.	0.	0.
89	89	25	T-_D	0.	0.	0.
89	89	101	W+_K	0.	0.	0.
89	89	172	W+_K	0.	0.	0.
89	89	53	W+_K	0.	0.	0.
89	89	25	W+_K	0.	0.	0.
89	89	101	W-_K	0.	0.	0.
89	89	172	W-_K	0.	0.	0.
89	89	53	W-_K	0.	0.	0.
89	89	25	W-_K	0.	0.	0.
89	89	101	W+_D	0.	0.	0.
89	89	172	W+_D	0.	0.	0.
89	89	53	W+_D	0.	0.	0.
89	89	25	W+_D	0.	0.	0.
89	89	101	W-_D	0.	0.	0.
89	89	172	W-_D	0.	0.	0.
89	89	53	W-_D	0.	0.	0.
89	89	25	W-_D	0.	0.	0.
89	89	101	SISMA SLV X	11.22	50.87	8.54
89	89	172	SISMA SLV X	13.16	72.35	9.48
89	89	53	SISMA SLV X	4.58	30.18	25.44
89	89	25	SISMA SLV X	3.28	26.62	24.65
89	89	101	SISMA SLV Y	11.88	61.89	12.58
89	89	172	SISMA SLV Y	6.65	34.27	14.92
89	89	53	SISMA SLV Y	2.46	17.68	29.52
89	89	25	SISMA SLV Y	6.52	58.02	27.25
89	89	101	SISMA SLD X	5.48	24.84	4.17
89	89	172	SISMA SLD X	6.43	35.34	4.63
89	89	53	SISMA SLD X	2.24	14.74	12.43
89	89	25	SISMA SLD X	1.6	13.	12.04
89	89	101	SISMA SLD Y	5.8	30.23	6.15
89	89	172	SISMA SLD Y	3.25	16.74	7.28
89	89	53	SISMA SLD Y	1.2	8.63	14.42
89	89	25	SISMA SLD Y	3.19	28.34	13.31
89	89	101	SISMA SLO X	4.54	20.58	3.46
89	89	172	SISMA SLO X	5.33	29.27	3.83
89	89	53	SISMA SLO X	1.85	12.21	10.3
89	89	25	SISMA SLO X	1.33	10.76	9.97
89	89	101	SISMA SLO Y	4.81	25.04	5.09
89	89	172	SISMA SLO Y	2.69	13.87	6.03
89	89	53	SISMA SLO Y	1.	7.15	11.94
89	89	25	SISMA SLO Y	2.64	23.47	11.02
89	89	101	SLT	0.	0.	0.
89	89	172	SLT	0.	0.	0.
89	89	53	SLT	0.	0.	0.
89	89	25	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
89	89	101	~TorsionSISMA SLV X	0.	0.	0.
89	89	172	~TorsionSISMA SLV X	0.	0.	0.
89	89	53	~TorsionSISMA SLV X	0.	0.	0.
89	89	25	~TorsionSISMA SLV X	0.	0.	0.
89	89	101	~TorsionSISMA SLV Y	0.	0.	0.
89	89	172	~TorsionSISMA SLV Y	0.	0.	0.
89	89	53	~TorsionSISMA SLV Y	0.	0.	0.
89	89	25	~TorsionSISMA SLV Y	0.	0.	0.
89	89	101	~TorsionSISMA SLD X	0.	0.	0.
89	89	172	~TorsionSISMA SLD X	0.	0.	0.
89	89	53	~TorsionSISMA SLD X	0.	0.	0.
89	89	25	~TorsionSISMA SLD X	0.	0.	0.
89	89	101	~TorsionSISMA SLD Y	0.	0.	0.
89	89	172	~TorsionSISMA SLD Y	0.	0.	0.
89	89	53	~TorsionSISMA SLD Y	0.	0.	0.
89	89	25	~TorsionSISMA SLD Y	0.	0.	0.
89	89	101	~TorsionSISMA SLO X	0.	0.	0.
89	89	172	~TorsionSISMA SLO X	0.	0.	0.
89	89	53	~TorsionSISMA SLO X	0.	0.	0.
89	89	25	~TorsionSISMA SLO X	0.	0.	0.
89	89	101	~TorsionSISMA SLO Y	0.	0.	0.
89	89	172	~TorsionSISMA SLO Y	0.	0.	0.
89	89	53	~TorsionSISMA SLO Y	0.	0.	0.
89	89	25	~TorsionSISMA SLO Y	0.	0.	0.
90	90	25	G1_K	0.87	-78.18	-2.05
90	90	53	G1_K	-4.96	-73.42	2.18
90	90	173	G1_K	-0.19	-79.76	7.09
90	90	146	G1_K	5.83	-84.65	2.85
90	90	25	G2_K	-161.71	-147.51	-148.49
90	90	53	G2_K	139.84	24.72	-142.91
90	90	173	G2_K	181.3	234.19	-99.61
90	90	146	G2_K	-121.78	59.3	-105.19
90	90	25	Q_K	3.42	-11.22	-0.27
90	90	53	Q_K	-1.73	-8.75	3.89
90	90	173	Q_K	1.23	-12.86	4.81

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
90	90	146	Q_K	6.49	-15.43	0.65
90	90	25	N_K	0.41	-1.35	-3.219E-02
90	90	53	N_K	-0.21	-1.05	0.47
90	90	173	N_K	0.15	-1.54	0.58
90	90	146	N_K	0.78	-1.85	7.854E-02
90	90	25	T+_K	0.	0.	0.
90	90	53	T+_K	0.	0.	0.
90	90	173	T+_K	0.	0.	0.
90	90	146	T+_K	0.	0.	0.
90	90	25	T-_K	0.	0.	0.
90	90	53	T-_K	0.	0.	0.
90	90	173	T-_K	0.	0.	0.
90	90	146	T-_K	0.	0.	0.
90	90	25	G1_D	1.13	-101.64	-2.67
90	90	53	G1_D	-6.45	-95.45	2.83
90	90	173	G1_D	-0.25	-103.68	9.21
90	90	146	G1_D	7.58	-110.04	3.71
90	90	25	G2_D	-210.23	-191.77	-193.04
90	90	53	G2_D	181.79	32.13	-185.78
90	90	173	G2_D	235.69	304.44	-129.49
90	90	146	G2_D	-158.31	77.08	-136.75
90	90	25	Q_D	5.13	-16.83	-0.4
90	90	53	Q_D	-2.6	-13.12	5.84
90	90	173	Q_D	1.84	-19.29	7.22
90	90	146	Q_D	9.73	-23.15	0.98
90	90	25	N_D	0.62	-2.02	-4.829E-02
90	90	53	N_D	-0.31	-1.57	0.7
90	90	173	N_D	0.22	-2.32	0.87
90	90	146	N_D	1.17	-2.78	0.12
90	90	25	T+_D	0.	0.	0.
90	90	53	T+_D	0.	0.	0.
90	90	173	T+_D	0.	0.	0.
90	90	146	T+_D	0.	0.	0.
90	90	25	T-_D	0.	0.	0.
90	90	53	T-_D	0.	0.	0.
90	90	173	T-_D	0.	0.	0.
90	90	146	T-_D	0.	0.	0.
90	90	25	W+_K	0.	0.	0.
90	90	53	W+_K	0.	0.	0.
90	90	173	W+_K	0.	0.	0.
90	90	146	W+_K	0.	0.	0.
90	90	25	W-_K	0.	0.	0.
90	90	53	W-_K	0.	0.	0.
90	90	173	W-_K	0.	0.	0.
90	90	146	W-_K	0.	0.	0.
90	90	25	W+_D	0.	0.	0.
90	90	53	W+_D	0.	0.	0.
90	90	173	W+_D	0.	0.	0.
90	90	146	W+_D	0.	0.	0.
90	90	25	W-_D	0.	0.	0.
90	90	53	W-_D	0.	0.	0.
90	90	173	W-_D	0.	0.	0.
90	90	146	W-_D	0.	0.	0.
90	90	25	SISMA SLV X	9.62	32.76	21.5

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
90	90	53	SISMA SLV X	2.33	27.12	22.05
90	90	173	SISMA SLV X	9.74	11.89	20.2
90	90	146	SISMA SLV X	2.66	19.58	19.74
90	90	25	SISMA SLV Y	4.88	45.8	20.29
90	90	53	SISMA SLV Y	2.25	22.11	24.09
90	90	173	SISMA SLV Y	5.08	16.34	20.09
90	90	146	SISMA SLV Y	3.46	41.29	16.46
90	90	25	SISMA SLD X	4.7	16.	10.5
90	90	53	SISMA SLD X	1.14	13.24	10.77
90	90	173	SISMA SLD X	4.76	5.81	9.87
90	90	146	SISMA SLD X	1.3	9.57	9.64
90	90	25	SISMA SLD Y	2.38	22.37	9.91
90	90	53	SISMA SLD Y	1.1	10.8	11.77
90	90	173	SISMA SLD Y	2.48	7.98	9.81
90	90	146	SISMA SLD Y	1.69	20.16	8.04
90	90	25	SISMA SLO X	3.89	13.26	8.7
90	90	53	SISMA SLO X	0.94	10.97	8.92
90	90	173	SISMA SLO X	3.94	4.8	8.18
90	90	146	SISMA SLO X	1.08	7.92	7.99
90	90	25	SISMA SLO Y	1.97	18.53	8.21
90	90	53	SISMA SLO Y	0.91	8.94	9.74
90	90	173	SISMA SLO Y	2.06	6.61	8.13
90	90	146	SISMA SLO Y	1.39	16.7	6.66
90	90	25	SLT	0.	0.	0.
90	90	53	SLT	0.	0.	0.
90	90	173	SLT	0.	0.	0.
90	90	146	SLT	0.	0.	0.
90	90	25	~TorsionSISMA SLV X	0.	0.	0.
90	90	53	~TorsionSISMA SLV X	0.	0.	0.
90	90	173	~TorsionSISMA SLV X	0.	0.	0.
90	90	146	~TorsionSISMA SLV X	0.	0.	0.
90	90	25	~TorsionSISMA SLV Y	0.	0.	0.
90	90	53	~TorsionSISMA SLV Y	0.	0.	0.
90	90	173	~TorsionSISMA SLV Y	0.	0.	0.
90	90	146	~TorsionSISMA SLV Y	0.	0.	0.
90	90	25	~TorsionSISMA SLD X	0.	0.	0.
90	90	53	~TorsionSISMA SLD X	0.	0.	0.
90	90	173	~TorsionSISMA SLD X	0.	0.	0.
90	90	146	~TorsionSISMA SLD X	0.	0.	0.
90	90	25	~TorsionSISMA SLD Y	0.	0.	0.
90	90	53	~TorsionSISMA SLD Y	0.	0.	0.
90	90	173	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
90	90	146	~TorsionSISMA SLD Y	0.	0.	0.
90	90	25	~TorsionSISMA SLO X	0.	0.	0.
90	90	53	~TorsionSISMA SLO X	0.	0.	0.
90	90	173	~TorsionSISMA SLO X	0.	0.	0.
90	90	146	~TorsionSISMA SLO X	0.	0.	0.
90	90	25	~TorsionSISMA SLO Y	0.	0.	0.
90	90	53	~TorsionSISMA SLO Y	0.	0.	0.
90	90	173	~TorsionSISMA SLO Y	0.	0.	0.
90	90	146	~TorsionSISMA SLO Y	0.	0.	0.
91	91	146	G1_K	17.45	-56.68	0.96
91	91	173	G1_K	-5.22	-74.76	9.31
91	91	54	G1_K	0.8	-82.67	7.78
91	91	27	G1_K	23.74	-65.11	-0.57
91	91	146	G2_K	-180.03	-36.52	-92.03
91	91	173	G2_K	231.1	287.73	-109.75
91	91	54	G2_K	228.01	325.24	-25.11
91	91	27	G2_K	-183.58	0.47	-7.39
91	91	146	Q_K	11.59	-8.16	0.16
91	91	173	Q_K	-3.44	-17.98	5.1
91	91	54	Q_K	1.87	-21.63	3.84
91	91	27	Q_K	17.07	-12.09	-1.1
91	91	146	N_K	1.39	-0.98	1.947E-02
91	91	173	N_K	-0.41	-2.16	0.61
91	91	54	N_K	0.22	-2.6	0.46
91	91	27	N_K	2.05	-1.45	-0.13
91	91	146	T+_K	0.	0.	0.
91	91	173	T+_K	0.	0.	0.
91	91	54	T+_K	0.	0.	0.
91	91	27	T+_K	0.	0.	0.
91	91	146	T-_K	0.	0.	0.
91	91	173	T-_K	0.	0.	0.
91	91	54	T-_K	0.	0.	0.
91	91	27	T-_K	0.	0.	0.
91	91	146	G1_D	22.69	-73.68	1.25
91	91	173	G1_D	-6.79	-97.19	12.11
91	91	54	G1_D	1.05	-107.47	10.11
91	91	27	G1_D	30.87	-84.64	-0.74
91	91	146	G2_D	-234.04	-47.47	-119.64
91	91	173	G2_D	300.43	374.04	-142.68
91	91	54	G2_D	296.41	422.82	-32.64
91	91	27	G2_D	-238.65	0.61	-9.61
91	91	146	Q_D	17.38	-12.24	0.24
91	91	173	Q_D	-5.17	-26.98	7.65
91	91	54	Q_D	2.8	-32.44	5.75
91	91	27	Q_D	25.6	-18.14	-1.65
91	91	146	N_D	2.09	-1.47	2.920E-02
91	91	173	N_D	-0.62	-3.24	0.92

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
91	91	54	N_D	0.34	-3.89	0.69
91	91	27	N_D	3.07	-2.18	-0.2
91	91	146	T+_D	0.	0.	0.
91	91	173	T+_D	0.	0.	0.
91	91	54	T+_D	0.	0.	0.
91	91	27	T+_D	0.	0.	0.
91	91	146	T-_D	0.	0.	0.
91	91	173	T-_D	0.	0.	0.
91	91	54	T-_D	0.	0.	0.
91	91	27	T-_D	0.	0.	0.
91	91	146	W+_K	0.	0.	0.
91	91	173	W+_K	0.	0.	0.
91	91	54	W+_K	0.	0.	0.
91	91	27	W+_K	0.	0.	0.
91	91	146	W-_K	0.	0.	0.
91	91	173	W-_K	0.	0.	0.
91	91	54	W-_K	0.	0.	0.
91	91	27	W-_K	0.	0.	0.
91	91	146	W+_D	0.	0.	0.
91	91	173	W+_D	0.	0.	0.
91	91	54	W+_D	0.	0.	0.
91	91	27	W+_D	0.	0.	0.
91	91	146	W-_D	0.	0.	0.
91	91	173	W-_D	0.	0.	0.
91	91	54	W-_D	0.	0.	0.
91	91	27	W-_D	0.	0.	0.
91	91	146	SISMA SLV X	9.14	18.46	19.01
91	91	173	SISMA SLV X	13.55	13.12	22.16
91	91	54	SISMA SLV X	18.53	32.23	18.45
91	91	27	SISMA SLV X	7.55	15.05	15.37
91	91	146	SISMA SLV Y	8.25	29.82	17.06
91	91	173	SISMA SLV Y	6.13	21.35	19.75
91	91	54	SISMA SLV Y	9.16	21.87	20.59
91	91	27	SISMA SLV Y	12.02	25.86	17.97
91	91	146	SISMA SLD X	4.46	9.02	9.28
91	91	173	SISMA SLD X	6.62	6.41	10.82
91	91	54	SISMA SLD X	9.05	15.74	9.01
91	91	27	SISMA SLD X	3.69	7.35	7.51
91	91	146	SISMA SLD Y	4.03	14.57	8.33
91	91	173	SISMA SLD Y	3.	10.43	9.65
91	91	54	SISMA SLD Y	4.47	10.68	10.06
91	91	27	SISMA SLD Y	5.87	12.63	8.78
91	91	146	SISMA SLO X	3.7	7.47	7.69
91	91	173	SISMA SLO X	5.48	5.31	8.97
91	91	54	SISMA SLO X	7.5	13.04	7.47
91	91	27	SISMA SLO X	3.05	6.09	6.22
91	91	146	SISMA SLO Y	3.34	12.06	6.9
91	91	173	SISMA SLO Y	2.48	8.63	7.99
91	91	54	SISMA SLO Y	3.7	8.85	8.33
91	91	27	SISMA SLO Y	4.86	10.46	7.27
91	91	146	SLT	0.	0.	0.
91	91	173	SLT	0.	0.	0.
91	91	54	SLT	0.	0.	0.
91	91	27	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
91	91	146	~TorsionSISMA SLV X	0.	0.	0.
91	91	173	~TorsionSISMA SLV X	0.	0.	0.
91	91	54	~TorsionSISMA SLV X	0.	0.	0.
91	91	27	~TorsionSISMA SLV X	0.	0.	0.
91	91	146	~TorsionSISMA SLV Y	0.	0.	0.
91	91	173	~TorsionSISMA SLV Y	0.	0.	0.
91	91	54	~TorsionSISMA SLV Y	0.	0.	0.
91	91	27	~TorsionSISMA SLV Y	0.	0.	0.
91	91	146	~TorsionSISMA SLD X	0.	0.	0.
91	91	173	~TorsionSISMA SLD X	0.	0.	0.
91	91	54	~TorsionSISMA SLD X	0.	0.	0.
91	91	27	~TorsionSISMA SLD X	0.	0.	0.
91	91	146	~TorsionSISMA SLD Y	0.	0.	0.
91	91	173	~TorsionSISMA SLD Y	0.	0.	0.
91	91	54	~TorsionSISMA SLD Y	0.	0.	0.
91	91	27	~TorsionSISMA SLD Y	0.	0.	0.
91	91	146	~TorsionSISMA SLO X	0.	0.	0.
91	91	173	~TorsionSISMA SLO X	0.	0.	0.
91	91	54	~TorsionSISMA SLO X	0.	0.	0.
91	91	27	~TorsionSISMA SLO X	0.	0.	0.
91	91	146	~TorsionSISMA SLO Y	0.	0.	0.
91	91	173	~TorsionSISMA SLO Y	0.	0.	0.
91	91	54	~TorsionSISMA SLO Y	0.	0.	0.
91	91	27	~TorsionSISMA SLO Y	0.	0.	0.
92	92	27	G1_K	36.25	-39.02	-9.61
92	92	54	G1_K	-5.53	-77.93	13.97
92	92	174	G1_K	11.17	-87.2	13.67
92	92	148	G1_K	53.21	-48.4	-9.91
92	92	27	G2_K	-178.99	7.66	-6.68
92	92	54	G2_K	221.44	308.16	-18.67
92	92	174	G2_K	198.81	252.51	49.29
92	92	148	G2_K	-201.05	-46.76	61.28
92	92	27	Q_K	23.53	-2.9	-7.2
92	92	54	Q_K	-4.05	-28.06	7.87
92	92	174	Q_K	8.14	-33.31	7.03

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
92	92	148	Q_K	35.88	-8.21	-8.04
92	92	27	N_K	2.82	-0.35	-0.86
92	92	54	N_K	-0.49	-3.37	0.94
92	92	174	N_K	0.98	-4.	0.84
92	92	148	N_K	4.31	-0.98	-0.97
92	92	27	T+_K	0.	0.	0.
92	92	54	T+_K	0.	0.	0.
92	92	174	T+_K	0.	0.	0.
92	92	148	T+_K	0.	0.	0.
92	92	27	T-_K	0.	0.	0.
92	92	54	T-_K	0.	0.	0.
92	92	174	T-_K	0.	0.	0.
92	92	148	T-_K	0.	0.	0.
92	92	27	G1_D	47.12	-50.72	-12.49
92	92	54	G1_D	-7.19	-101.3	18.17
92	92	174	G1_D	14.52	-113.36	17.77
92	92	148	G1_D	69.18	-62.93	-12.89
92	92	27	G2_D	-232.69	9.95	-8.68
92	92	54	G2_D	287.88	400.6	-24.27
92	92	174	G2_D	258.45	328.27	64.07
92	92	148	G2_D	-261.36	-60.79	79.67
92	92	27	Q_D	35.3	-4.35	-10.8
92	92	54	Q_D	-6.07	-42.09	11.81
92	92	174	Q_D	12.21	-49.97	10.54
92	92	148	Q_D	53.82	-12.31	-12.07
92	92	27	N_D	4.24	-0.52	-1.3
92	92	54	N_D	-0.73	-5.05	1.42
92	92	174	N_D	1.46	-6.	1.27
92	92	148	N_D	6.46	-1.48	-1.45
92	92	27	T+_D	0.	0.	0.
92	92	54	T+_D	0.	0.	0.
92	92	174	T+_D	0.	0.	0.
92	92	148	T+_D	0.	0.	0.
92	92	27	T-_D	0.	0.	0.
92	92	54	T-_D	0.	0.	0.
92	92	174	T-_D	0.	0.	0.
92	92	148	T-_D	0.	0.	0.
92	92	27	W+_K	0.	0.	0.
92	92	54	W+_K	0.	0.	0.
92	92	174	W+_K	0.	0.	0.
92	92	148	W+_K	0.	0.	0.
92	92	27	W-_K	0.	0.	0.
92	92	54	W-_K	0.	0.	0.
92	92	174	W-_K	0.	0.	0.
92	92	148	W-_K	0.	0.	0.
92	92	27	W+_D	0.	0.	0.
92	92	54	W+_D	0.	0.	0.
92	92	174	W+_D	0.	0.	0.
92	92	148	W+_D	0.	0.	0.
92	92	27	W-_D	0.	0.	0.
92	92	54	W-_D	0.	0.	0.
92	92	174	W-_D	0.	0.	0.
92	92	148	W-_D	0.	0.	0.
92	92	27	SISMA SLV X	10.28	9.7	15.58

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
92	92	54	SISMA SLV X	18.83	28.01	17.56
92	92	174	SISMA SLV X	22.02	41.4	13.79
92	92	148	SISMA SLV X	11.9	18.41	11.87
92	92	27	SISMA SLV Y	14.95	21.15	17.89
92	92	54	SISMA SLV Y	8.61	20.51	20.16
92	92	174	SISMA SLV Y	11.87	20.52	18.16
92	92	148	SISMA SLV Y	19.47	16.41	15.9
92	92	27	SISMA SLD X	5.02	4.74	7.61
92	92	54	SISMA SLD X	9.2	13.68	8.58
92	92	174	SISMA SLD X	10.75	20.22	6.73
92	92	148	SISMA SLD X	5.81	8.99	5.8
92	92	27	SISMA SLD Y	7.3	10.33	8.74
92	92	54	SISMA SLD Y	4.21	10.02	9.84
92	92	174	SISMA SLD Y	5.8	10.02	8.87
92	92	148	SISMA SLD Y	9.51	8.01	7.77
92	92	27	SISMA SLO X	4.16	3.92	6.3
92	92	54	SISMA SLO X	7.62	11.33	7.11
92	92	174	SISMA SLO X	8.91	16.75	5.58
92	92	148	SISMA SLO X	4.82	7.45	4.8
92	92	27	SISMA SLO Y	6.05	8.56	7.24
92	92	54	SISMA SLO Y	3.48	8.29	8.15
92	92	174	SISMA SLO Y	4.8	8.3	7.34
92	92	148	SISMA SLO Y	7.87	6.63	6.43
92	92	27	SLT	0.	0.	0.
92	92	54	SLT	0.	0.	0.
92	92	174	SLT	0.	0.	0.
92	92	148	SLT	0.	0.	0.
92	92	27	~TorsionSISMA SLV X	0.	0.	0.
92	92	54	~TorsionSISMA SLV X	0.	0.	0.
92	92	174	~TorsionSISMA SLV X	0.	0.	0.
92	92	148	~TorsionSISMA SLV X	0.	0.	0.
92	92	27	~TorsionSISMA SLV Y	0.	0.	0.
92	92	54	~TorsionSISMA SLV Y	0.	0.	0.
92	92	174	~TorsionSISMA SLV Y	0.	0.	0.
92	92	148	~TorsionSISMA SLV Y	0.	0.	0.
92	92	27	~TorsionSISMA SLD X	0.	0.	0.
92	92	54	~TorsionSISMA SLD X	0.	0.	0.
92	92	174	~TorsionSISMA SLD X	0.	0.	0.
92	92	148	~TorsionSISMA SLD X	0.	0.	0.
92	92	27	~TorsionSISMA SLD Y	0.	0.	0.
92	92	54	~TorsionSISMA SLD Y	0.	0.	0.
92	92	174	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
92	92	148	~TorsionSISMA SLD Y	0.	0.	0.
92	92	27	~TorsionSISMA SLO X	0.	0.	0.
92	92	54	~TorsionSISMA SLO X	0.	0.	0.
92	92	174	~TorsionSISMA SLO X	0.	0.	0.
92	92	148	~TorsionSISMA SLO X	0.	0.	0.
92	92	27	~TorsionSISMA SLO Y	0.	0.	0.
92	92	54	~TorsionSISMA SLO Y	0.	0.	0.
92	92	174	~TorsionSISMA SLO Y	0.	0.	0.
92	92	148	~TorsionSISMA SLO Y	0.	0.	0.
93	93	148	G1_K	66.98	-9.22	-5.28
93	93	174	G1_K	5.19	-87.43	-1.52
93	93	55	G1_K	-0.45	-117.9	-2.39
93	93	1	G1_K	61.34	-38.75	-6.14
93	93	148	G2_K	-146.02	24.71	63.97
93	93	174	G2_K	147.01	197.25	56.38
93	93	55	G2_K	134.97	92.05	102.86
93	93	1	G2_K	-156.31	-80.56	110.44
93	93	148	Q_K	42.49	7.44	-5.02
93	93	174	Q_K	3.01	-41.52	-2.85
93	93	55	Q_K	0.77	-61.4	-2.95
93	93	1	Q_K	40.23	-11.84	-5.12
93	93	148	N_K	5.1	0.89	-0.6
93	93	174	N_K	0.36	-4.98	-0.34
93	93	55	N_K	9.255E-02	-7.37	-0.35
93	93	1	N_K	4.83	-1.42	-0.61
93	93	148	T+_K	0.	0.	0.
93	93	174	T+_K	0.	0.	0.
93	93	55	T+_K	0.	0.	0.
93	93	1	T+_K	0.	0.	0.
93	93	148	T-_K	0.	0.	0.
93	93	174	T-_K	0.	0.	0.
93	93	55	T-_K	0.	0.	0.
93	93	1	T-_K	0.	0.	0.
93	93	148	G1_D	87.07	-11.98	-6.86
93	93	174	G1_D	6.75	-113.66	-1.98
93	93	55	G1_D	-0.58	-153.27	-3.1
93	93	1	G1_D	79.74	-50.38	-7.98
93	93	148	G2_D	-189.82	32.12	83.15
93	93	174	G2_D	191.12	256.42	73.3
93	93	55	G2_D	175.46	119.66	133.72
93	93	1	G2_D	-203.21	-104.73	143.57
93	93	148	Q_D	63.74	11.16	-7.54
93	93	174	Q_D	4.52	-62.29	-4.28
93	93	55	Q_D	1.16	-92.1	-4.42
93	93	1	Q_D	60.35	-17.77	-7.68
93	93	148	N_D	7.65	1.34	-0.9
93	93	174	N_D	0.54	-7.47	-0.51

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
93	93	55	N_D	0.14	-11.05	-0.53
93	93	1	N_D	7.24	-2.13	-0.92
93	93	148	T+_D	0.	0.	0.
93	93	174	T+_D	0.	0.	0.
93	93	55	T+_D	0.	0.	0.
93	93	1	T+_D	0.	0.	0.
93	93	148	T-_D	0.	0.	0.
93	93	174	T-_D	0.	0.	0.
93	93	55	T-_D	0.	0.	0.
93	93	1	T-_D	0.	0.	0.
93	93	148	W+_K	0.	0.	0.
93	93	174	W+_K	0.	0.	0.
93	93	55	W+_K	0.	0.	0.
93	93	1	W+_K	0.	0.	0.
93	93	148	W-_K	0.	0.	0.
93	93	174	W-_K	0.	0.	0.
93	93	55	W-_K	0.	0.	0.
93	93	1	W-_K	0.	0.	0.
93	93	148	W+_D	0.	0.	0.
93	93	174	W+_D	0.	0.	0.
93	93	55	W+_D	0.	0.	0.
93	93	1	W+_D	0.	0.	0.
93	93	148	W-_D	0.	0.	0.
93	93	174	W-_D	0.	0.	0.
93	93	55	W-_D	0.	0.	0.
93	93	1	W-_D	0.	0.	0.
93	93	148	SISMA SLV X	13.09	8.11	9.49
93	93	174	SISMA SLV X	20.08	40.17	15.54
93	93	55	SISMA SLV X	15.81	31.02	9.52
93	93	1	SISMA SLV X	13.75	5.24	5.58
93	93	148	SISMA SLV Y	21.14	11.24	12.38
93	93	174	SISMA SLV Y	10.53	20.17	21.71
93	93	55	SISMA SLV Y	7.93	13.73	20.68
93	93	1	SISMA SLV Y	19.31	5.6	11.55
93	93	148	SISMA SLD X	6.39	3.96	4.63
93	93	174	SISMA SLD X	9.81	19.62	7.59
93	93	55	SISMA SLD X	7.72	15.15	4.65
93	93	1	SISMA SLD X	6.72	2.56	2.72
93	93	148	SISMA SLD Y	10.32	5.49	6.05
93	93	174	SISMA SLD Y	5.14	9.85	10.6
93	93	55	SISMA SLD Y	3.87	6.7	10.1
93	93	1	SISMA SLD Y	9.43	2.73	5.64
93	93	148	SISMA SLO X	5.3	3.28	3.84
93	93	174	SISMA SLO X	8.12	16.25	6.29
93	93	55	SISMA SLO X	6.4	12.55	3.85
93	93	1	SISMA SLO X	5.57	2.12	2.26
93	93	148	SISMA SLO Y	8.55	4.55	5.01
93	93	174	SISMA SLO Y	4.26	8.16	8.78
93	93	55	SISMA SLO Y	3.21	5.55	8.36
93	93	1	SISMA SLO Y	7.81	2.26	4.67
93	93	148	SLT	0.	0.	0.
93	93	174	SLT	0.	0.	0.
93	93	55	SLT	0.	0.	0.
93	93	1	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
93	93	148	~TorsionSISMA SLV X	0.	0.	0.
93	93	174	~TorsionSISMA SLV X	0.	0.	0.
93	93	55	~TorsionSISMA SLV X	0.	0.	0.
93	93	1	~TorsionSISMA SLV X	0.	0.	0.
93	93	148	~TorsionSISMA SLV Y	0.	0.	0.
93	93	174	~TorsionSISMA SLV Y	0.	0.	0.
93	93	55	~TorsionSISMA SLV Y	0.	0.	0.
93	93	1	~TorsionSISMA SLV Y	0.	0.	0.
93	93	148	~TorsionSISMA SLD X	0.	0.	0.
93	93	174	~TorsionSISMA SLD X	0.	0.	0.
93	93	55	~TorsionSISMA SLD X	0.	0.	0.
93	93	1	~TorsionSISMA SLD X	0.	0.	0.
93	93	148	~TorsionSISMA SLD Y	0.	0.	0.
93	93	174	~TorsionSISMA SLD Y	0.	0.	0.
93	93	55	~TorsionSISMA SLD Y	0.	0.	0.
93	93	1	~TorsionSISMA SLD Y	0.	0.	0.
93	93	148	~TorsionSISMA SLO X	0.	0.	0.
93	93	174	~TorsionSISMA SLO X	0.	0.	0.
93	93	55	~TorsionSISMA SLO X	0.	0.	0.
93	93	1	~TorsionSISMA SLO X	0.	0.	0.
93	93	148	~TorsionSISMA SLO Y	0.	0.	0.
93	93	174	~TorsionSISMA SLO Y	0.	0.	0.
93	93	55	~TorsionSISMA SLO Y	0.	0.	0.
93	93	1	~TorsionSISMA SLO Y	0.	0.	0.
94	94	1	G1_K	66.82	14.74	-10.99
94	94	55	G1_K	6.8	-107.72	-13.66
94	94	130	G1_K	-67.82	-198.48	-26.29
94	94	105	G1_K	-8.53	-73.46	-23.61
94	94	1	G2_K	-42.46	93.15	103.71
94	94	55	G2_K	25.7	-58.8	112.39
94	94	130	G2_K	24.25	-143.85	55.11
94	94	105	G2_K	-41.45	14.14	46.43
94	94	1	Q_K	42.77	17.49	-8.4
94	94	55	Q_K	3.09	-66.45	-9.96
94	94	130	Q_K	-43.14	-122.1	-19.18

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
94	94	105	Q_K	-3.93	-36.34	-17.61
94	94	1	N_K	5.13	2.1	-1.01
94	94	55	N_K	0.37	-7.97	-1.2
94	94	130	N_K	-5.18	-14.65	-2.3
94	94	105	N_K	-0.47	-4.36	-2.11
94	94	1	T+_K	0.	0.	0.
94	94	55	T+_K	0.	0.	0.
94	94	130	T+_K	0.	0.	0.
94	94	105	T+_K	0.	0.	0.
94	94	1	T-_K	0.	0.	0.
94	94	55	T-_K	0.	0.	0.
94	94	130	T-_K	0.	0.	0.
94	94	105	T-_K	0.	0.	0.
94	94	1	G1_D	86.87	19.16	-14.29
94	94	55	G1_D	8.84	-140.03	-17.76
94	94	130	G1_D	-88.16	-258.02	-34.17
94	94	105	G1_D	-11.09	-95.5	-30.7
94	94	1	G2_D	-55.2	121.1	134.82
94	94	55	G2_D	33.4	-76.45	146.11
94	94	130	G2_D	31.52	-187.01	71.65
94	94	105	G2_D	-53.88	18.38	60.36
94	94	1	Q_D	64.16	26.23	-12.59
94	94	55	Q_D	4.63	-99.68	-14.95
94	94	130	Q_D	-64.72	-183.15	-28.77
94	94	105	Q_D	-5.9	-54.5	-26.42
94	94	1	N_D	7.7	3.15	-1.51
94	94	55	N_D	0.56	-11.96	-1.79
94	94	130	N_D	-7.77	-21.98	-3.45
94	94	105	N_D	-0.71	-6.54	-3.17
94	94	1	T+_D	0.	0.	0.
94	94	55	T+_D	0.	0.	0.
94	94	130	T+_D	0.	0.	0.
94	94	105	T+_D	0.	0.	0.
94	94	1	T-_D	0.	0.	0.
94	94	55	T-_D	0.	0.	0.
94	94	130	T-_D	0.	0.	0.
94	94	105	T-_D	0.	0.	0.
94	94	1	W+_K	0.	0.	0.
94	94	55	W+_K	0.	0.	0.
94	94	130	W+_K	0.	0.	0.
94	94	105	W+_K	0.	0.	0.
94	94	1	W-_K	0.	0.	0.
94	94	55	W-_K	0.	0.	0.
94	94	130	W-_K	0.	0.	0.
94	94	105	W-_K	0.	0.	0.
94	94	1	W+_D	0.	0.	0.
94	94	55	W+_D	0.	0.	0.
94	94	130	W+_D	0.	0.	0.
94	94	105	W+_D	0.	0.	0.
94	94	1	W-_D	0.	0.	0.
94	94	55	W-_D	0.	0.	0.
94	94	130	W-_D	0.	0.	0.
94	94	105	W-_D	0.	0.	0.
94	94	1	SISMA SLV X	12.47	39.	6.84

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
94	94	55	SISMA SLV X	9.04	15.82	9.48
94	94	130	SISMA SLV X	7.57	25.01	12.81
94	94	105	SISMA SLV X	7.62	14.14	10.32
94	94	1	SISMA SLV Y	19.45	18.56	14.98
94	94	55	SISMA SLV Y	6.03	11.56	21.01
94	94	130	SISMA SLV Y	3.31	14.58	20.05
94	94	105	SISMA SLV Y	13.17	8.9	14.12
94	94	1	SISMA SLD X	6.09	19.05	3.34
94	94	55	SISMA SLD X	4.42	7.72	4.63
94	94	130	SISMA SLD X	3.7	12.22	6.25
94	94	105	SISMA SLD X	3.72	6.91	5.04
94	94	1	SISMA SLD Y	9.5	9.06	7.32
94	94	55	SISMA SLD Y	2.95	5.65	10.26
94	94	130	SISMA SLD Y	1.62	7.12	9.79
94	94	105	SISMA SLD Y	6.43	4.35	6.9
94	94	1	SISMA SLO X	5.05	15.78	2.77
94	94	55	SISMA SLO X	3.66	6.4	3.83
94	94	130	SISMA SLO X	3.07	10.12	5.18
94	94	105	SISMA SLO X	3.08	5.72	4.18
94	94	1	SISMA SLO Y	7.87	7.51	6.06
94	94	55	SISMA SLO Y	2.44	4.68	8.5
94	94	130	SISMA SLO Y	1.34	5.9	8.11
94	94	105	SISMA SLO Y	5.33	3.6	5.71
94	94	1	SLT	0.	0.	0.
94	94	55	SLT	0.	0.	0.
94	94	130	SLT	0.	0.	0.
94	94	105	SLT	0.	0.	0.
94	94	1	~TorsionSISMA SLV X	0.	0.	0.
94	94	55	~TorsionSISMA SLV X	0.	0.	0.
94	94	130	~TorsionSISMA SLV X	0.	0.	0.
94	94	105	~TorsionSISMA SLV X	0.	0.	0.
94	94	1	~TorsionSISMA SLV Y	0.	0.	0.
94	94	55	~TorsionSISMA SLV Y	0.	0.	0.
94	94	130	~TorsionSISMA SLV Y	0.	0.	0.
94	94	105	~TorsionSISMA SLV Y	0.	0.	0.
94	94	1	~TorsionSISMA SLD X	0.	0.	0.
94	94	55	~TorsionSISMA SLD X	0.	0.	0.
94	94	130	~TorsionSISMA SLD X	0.	0.	0.
94	94	105	~TorsionSISMA SLD X	0.	0.	0.
94	94	1	~TorsionSISMA SLD Y	0.	0.	0.
94	94	55	~TorsionSISMA SLD Y	0.	0.	0.
94	94	130	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
94	94	105	~TorsionSISMA SLD Y	0.	0.	0.
94	94	1	~TorsionSISMA SLO X	0.	0.	0.
94	94	55	~TorsionSISMA SLO X	0.	0.	0.
94	94	130	~TorsionSISMA SLO X	0.	0.	0.
94	94	105	~TorsionSISMA SLO X	0.	0.	0.
94	94	1	~TorsionSISMA SLO Y	0.	0.	0.
94	94	55	~TorsionSISMA SLO Y	0.	0.	0.
94	94	130	~TorsionSISMA SLO Y	0.	0.	0.
94	94	105	~TorsionSISMA SLO Y	0.	0.	0.
95	95	111	G1_K	-15.81	-101.06	-8.34
95	95	112	G1_K	-6.05	-92.31	50.26
95	95	110	G1_K	-32.49	-143.43	60.69
95	95	108	G1_K	-41.81	-155.55	2.09
95	95	111	G2_K	-191.65	-45.85	-20.28
95	95	112	G2_K	-186.06	47.45	17.18
95	95	110	G2_K	8.99	111.54	26.1
95	95	108	G2_K	2.81	22.45	-11.35
95	95	111	Q_K	-11.92	-62.52	-2.7
95	95	112	Q_K	-5.64	-58.24	33.76
95	95	110	Q_K	-19.72	-90.86	38.64
95	95	108	Q_K	-25.69	-97.29	2.18
95	95	111	N_K	-1.43	-7.5	-0.32
95	95	112	N_K	-0.68	-6.99	4.05
95	95	110	N_K	-2.37	-10.9	4.64
95	95	108	N_K	-3.08	-11.67	0.26
95	95	111	T+_K	0.	0.	0.
95	95	112	T+_K	0.	0.	0.
95	95	110	T+_K	0.	0.	0.
95	95	108	T+_K	0.	0.	0.
95	95	111	T-_K	0.	0.	0.
95	95	112	T-_K	0.	0.	0.
95	95	110	T-_K	0.	0.	0.
95	95	108	T-_K	0.	0.	0.
95	95	111	G1_D	-20.56	-131.38	-10.84
95	95	112	G1_D	-7.86	-120.	65.34
95	95	110	G1_D	-42.23	-186.46	78.9
95	95	108	G1_D	-54.35	-202.21	2.72
95	95	111	G2_D	-249.15	-59.61	-26.36
95	95	112	G2_D	-241.88	61.68	22.33
95	95	110	G2_D	11.69	145.	33.93
95	95	108	G2_D	3.65	29.18	-14.76
95	95	111	Q_D	-17.87	-93.78	-4.05
95	95	112	Q_D	-8.47	-87.37	50.64
95	95	110	Q_D	-29.57	-136.29	57.96
95	95	108	Q_D	-38.54	-145.93	3.27
95	95	111	N_D	-2.14	-11.25	-0.49
95	95	112	N_D	-1.02	-10.48	6.08

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
95	95	110	N_D	-3.55	-16.35	6.96
95	95	108	N_D	-4.63	-17.51	0.39
95	95	111	T+_D	0.	0.	0.
95	95	112	T+_D	0.	0.	0.
95	95	110	T+_D	0.	0.	0.
95	95	108	T+_D	0.	0.	0.
95	95	111	T-_D	0.	0.	0.
95	95	112	T-_D	0.	0.	0.
95	95	110	T-_D	0.	0.	0.
95	95	108	T-_D	0.	0.	0.
95	95	111	W+_K	0.	0.	0.
95	95	112	W+_K	0.	0.	0.
95	95	110	W+_K	0.	0.	0.
95	95	108	W+_K	0.	0.	0.
95	95	111	W-_K	0.	0.	0.
95	95	112	W-_K	0.	0.	0.
95	95	110	W-_K	0.	0.	0.
95	95	108	W-_K	0.	0.	0.
95	95	111	W+_D	0.	0.	0.
95	95	112	W+_D	0.	0.	0.
95	95	110	W+_D	0.	0.	0.
95	95	108	W+_D	0.	0.	0.
95	95	111	W-_D	0.	0.	0.
95	95	112	W-_D	0.	0.	0.
95	95	110	W-_D	0.	0.	0.
95	95	108	W-_D	0.	0.	0.
95	95	111	SISMA SLV X	63.5	48.27	30.17
95	95	112	SISMA SLV X	48.48	24.61	20.43
95	95	110	SISMA SLV X	12.07	37.28	8.76
95	95	108	SISMA SLV X	10.92	37.41	11.68
95	95	111	SISMA SLV Y	28.39	21.97	16.12
95	95	112	SISMA SLV Y	22.39	18.49	22.1
95	95	110	SISMA SLV Y	21.54	16.2	11.74
95	95	108	SISMA SLV Y	14.37	23.38	5.16
95	95	111	SISMA SLD X	31.02	23.58	14.74
95	95	112	SISMA SLD X	23.68	12.02	9.98
95	95	110	SISMA SLD X	5.89	18.21	4.28
95	95	108	SISMA SLD X	5.33	18.27	5.7
95	95	111	SISMA SLD Y	13.87	10.73	7.87
95	95	112	SISMA SLD Y	10.94	9.03	10.8
95	95	110	SISMA SLD Y	10.52	7.91	5.73
95	95	108	SISMA SLD Y	7.02	11.42	2.52
95	95	111	SISMA SLO X	25.7	19.53	12.21
95	95	112	SISMA SLO X	19.62	9.96	8.27
95	95	110	SISMA SLO X	4.88	15.09	3.54
95	95	108	SISMA SLO X	4.42	15.13	4.73
95	95	111	SISMA SLO Y	11.49	8.89	6.52
95	95	112	SISMA SLO Y	9.06	7.48	8.94
95	95	110	SISMA SLO Y	8.71	6.56	4.75
95	95	108	SISMA SLO Y	5.81	9.46	2.09
95	95	111	SLT	0.	0.	0.
95	95	112	SLT	0.	0.	0.
95	95	110	SLT	0.	0.	0.
95	95	108	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
95	95	111	~TorsionSISMA SLV X	0.	0.	0.
95	95	112	~TorsionSISMA SLV X	0.	0.	0.
95	95	110	~TorsionSISMA SLV X	0.	0.	0.
95	95	108	~TorsionSISMA SLV X	0.	0.	0.
95	95	111	~TorsionSISMA SLV Y	0.	0.	0.
95	95	112	~TorsionSISMA SLV Y	0.	0.	0.
95	95	110	~TorsionSISMA SLV Y	0.	0.	0.
95	95	108	~TorsionSISMA SLV Y	0.	0.	0.
95	95	111	~TorsionSISMA SLD X	0.	0.	0.
95	95	112	~TorsionSISMA SLD X	0.	0.	0.
95	95	110	~TorsionSISMA SLD X	0.	0.	0.
95	95	108	~TorsionSISMA SLD X	0.	0.	0.
95	95	111	~TorsionSISMA SLD Y	0.	0.	0.
95	95	112	~TorsionSISMA SLD Y	0.	0.	0.
95	95	110	~TorsionSISMA SLD Y	0.	0.	0.
95	95	108	~TorsionSISMA SLD Y	0.	0.	0.
95	95	111	~TorsionSISMA SLO X	0.	0.	0.
95	95	112	~TorsionSISMA SLO X	0.	0.	0.
95	95	110	~TorsionSISMA SLO X	0.	0.	0.
95	95	108	~TorsionSISMA SLO X	0.	0.	0.
95	95	111	~TorsionSISMA SLO Y	0.	0.	0.
95	95	112	~TorsionSISMA SLO Y	0.	0.	0.
95	95	110	~TorsionSISMA SLO Y	0.	0.	0.
95	95	108	~TorsionSISMA SLO Y	0.	0.	0.
96	96	103	G1_K	33.53	34.26	89.45
96	96	113	G1_K	-201.65	-52.03	93.11
96	96	114	G1_K	129.1	140.47	106.04
96	96	115	G1_K	-56.82	-220.81	102.39
96	96	103	G2_K	-13.96	6.16	0.72
96	96	113	G2_K	-8.17	3.7	2.52
96	96	114	G2_K	-3.5	-1.19	9.97
96	96	115	G2_K	5.82	16.32	8.17
96	96	103	Q_K	20.52	21.13	57.73
96	96	113	Q_K	-129.65	-33.81	60.03
96	96	114	Q_K	82.15	89.53	68.34

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
96	96	115	Q_K	-36.82	-141.67	66.04
96	96	103	N_K	2.46	2.54	6.93
96	96	113	N_K	-15.56	-4.06	7.2
96	96	114	N_K	9.86	10.74	8.2
96	96	115	N_K	-4.42	-17.	7.93
96	96	103	T+_K	0.	0.	0.
96	96	113	T+_K	0.	0.	0.
96	96	114	T+_K	0.	0.	0.
96	96	115	T+_K	0.	0.	0.
96	96	103	T-_K	0.	0.	0.
96	96	113	T-_K	0.	0.	0.
96	96	114	T-_K	0.	0.	0.
96	96	115	T-_K	0.	0.	0.
96	96	103	G1_D	43.59	44.53	116.29
96	96	113	G1_D	-262.15	-67.64	121.05
96	96	114	G1_D	167.83	182.62	137.86
96	96	115	G1_D	-73.87	-287.05	133.1
96	96	103	G2_D	-18.15	8.01	0.94
96	96	113	G2_D	-10.62	4.81	3.28
96	96	114	G2_D	-4.55	-1.55	12.96
96	96	115	G2_D	7.56	21.22	10.62
96	96	103	Q_D	30.78	31.7	86.6
96	96	113	Q_D	-194.48	-50.71	90.05
96	96	114	Q_D	123.23	134.3	102.52
96	96	115	Q_D	-55.23	-212.5	99.07
96	96	103	N_D	3.69	3.8	10.39
96	96	113	N_D	-23.34	-6.08	10.81
96	96	114	N_D	14.79	16.12	12.3
96	96	115	N_D	-6.63	-25.5	11.89
96	96	103	T+_D	0.	0.	0.
96	96	113	T+_D	0.	0.	0.
96	96	114	T+_D	0.	0.	0.
96	96	115	T+_D	0.	0.	0.
96	96	103	T-_D	0.	0.	0.
96	96	113	T-_D	0.	0.	0.
96	96	114	T-_D	0.	0.	0.
96	96	115	T-_D	0.	0.	0.
96	96	103	W+_K	0.	0.	0.
96	96	113	W+_K	0.	0.	0.
96	96	114	W+_K	0.	0.	0.
96	96	115	W+_K	0.	0.	0.
96	96	103	W-_K	0.	0.	0.
96	96	113	W-_K	0.	0.	0.
96	96	114	W-_K	0.	0.	0.
96	96	115	W-_K	0.	0.	0.
96	96	103	W+_D	0.	0.	0.
96	96	113	W+_D	0.	0.	0.
96	96	114	W+_D	0.	0.	0.
96	96	115	W+_D	0.	0.	0.
96	96	103	W-_D	0.	0.	0.
96	96	113	W-_D	0.	0.	0.
96	96	114	W-_D	0.	0.	0.
96	96	115	W-_D	0.	0.	0.
96	96	103	SISMA SLV X	8.76	15.37	19.02

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
96	96	113	SISMA SLV X	23.23	6.65	20.85
96	96	114	SISMA SLV X	18.2	19.87	26.2
96	96	115	SISMA SLV X	7.75	30.8	24.36
96	96	103	SISMA SLV Y	13.06	9.05	15.8
96	96	113	SISMA SLV Y	12.56	3.88	18.6
96	96	114	SISMA SLV Y	11.55	15.32	21.22
96	96	115	SISMA SLV Y	10.09	19.62	18.49
96	96	103	SISMA SLD X	4.28	7.51	9.29
96	96	113	SISMA SLD X	11.35	3.25	10.18
96	96	114	SISMA SLD X	8.89	9.7	12.8
96	96	115	SISMA SLD X	3.79	15.04	11.9
96	96	103	SISMA SLD Y	6.38	4.42	7.72
96	96	113	SISMA SLD Y	6.13	1.9	9.08
96	96	114	SISMA SLD Y	5.64	7.48	10.36
96	96	115	SISMA SLD Y	4.93	9.58	9.03
96	96	103	SISMA SLO X	3.54	6.22	7.69
96	96	113	SISMA SLO X	9.4	2.69	8.44
96	96	114	SISMA SLO X	7.36	8.04	10.6
96	96	115	SISMA SLO X	3.14	12.46	9.86
96	96	103	SISMA SLO Y	5.28	3.66	6.39
96	96	113	SISMA SLO Y	5.08	1.57	7.52
96	96	114	SISMA SLO Y	4.67	6.19	8.58
96	96	115	SISMA SLO Y	4.08	7.94	7.48
96	96	103	SLT	0.	0.	0.
96	96	113	SLT	0.	0.	0.
96	96	114	SLT	0.	0.	0.
96	96	115	SLT	0.	0.	0.
96	96	103	~TorsionSISMA SLV X	0.	0.	0.
96	96	113	~TorsionSISMA SLV X	0.	0.	0.
96	96	114	~TorsionSISMA SLV X	0.	0.	0.
96	96	115	~TorsionSISMA SLV X	0.	0.	0.
96	96	103	~TorsionSISMA SLV Y	0.	0.	0.
96	96	113	~TorsionSISMA SLV Y	0.	0.	0.
96	96	114	~TorsionSISMA SLV Y	0.	0.	0.
96	96	115	~TorsionSISMA SLV Y	0.	0.	0.
96	96	103	~TorsionSISMA SLD X	0.	0.	0.
96	96	113	~TorsionSISMA SLD X	0.	0.	0.
96	96	114	~TorsionSISMA SLD X	0.	0.	0.
96	96	115	~TorsionSISMA SLD X	0.	0.	0.
96	96	103	~TorsionSISMA SLD Y	0.	0.	0.
96	96	113	~TorsionSISMA SLD Y	0.	0.	0.
96	96	114	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
96	96	115	~TorsionSISMA SLD Y	0.	0.	0.
96	96	103	~TorsionSISMA SLO X	0.	0.	0.
96	96	113	~TorsionSISMA SLO X	0.	0.	0.
96	96	114	~TorsionSISMA SLO X	0.	0.	0.
96	96	115	~TorsionSISMA SLO X	0.	0.	0.
96	96	103	~TorsionSISMA SLO Y	0.	0.	0.
96	96	113	~TorsionSISMA SLO Y	0.	0.	0.
96	96	114	~TorsionSISMA SLO Y	0.	0.	0.
96	96	115	~TorsionSISMA SLO Y	0.	0.	0.
97	97	115	G1_K	-41.18	-217.68	73.02
97	97	114	G1_K	117.37	138.13	67.95
97	97	116	G1_K	150.71	181.5	24.8
97	97	117	G1_K	-57.47	-268.84	29.86
97	97	115	G2_K	-18.77	11.41	3.87
97	97	114	G2_K	-2.04	-0.9	10.91
97	97	116	G2_K	-2.62	3.3	14.04
97	97	117	G2_K	12.03	43.49	7.
97	97	115	Q_K	-27.68	-139.84	47.08
97	97	114	Q_K	74.58	88.02	43.8
97	97	116	Q_K	95.86	115.93	16.09
97	97	117	Q_K	-37.19	-172.06	19.36
97	97	115	N_K	-3.32	-16.78	5.65
97	97	114	N_K	8.95	10.56	5.26
97	97	116	N_K	11.5	13.91	1.93
97	97	117	N_K	-4.46	-20.65	2.32
97	97	115	T+_K	0.	0.	0.
97	97	114	T+_K	0.	0.	0.
97	97	116	T+_K	0.	0.	0.
97	97	117	T+_K	0.	0.	0.
97	97	115	T-_K	0.	0.	0.
97	97	114	T-_K	0.	0.	0.
97	97	116	T-_K	0.	0.	0.
97	97	117	T-_K	0.	0.	0.
97	97	115	G1_D	-53.54	-282.99	94.92
97	97	114	G1_D	152.58	179.57	88.34
97	97	116	G1_D	195.92	235.95	32.24
97	97	117	G1_D	-74.71	-349.49	38.82
97	97	115	G2_D	-24.4	14.83	5.03
97	97	114	G2_D	-2.65	-1.17	14.18
97	97	116	G2_D	-3.41	4.29	18.25
97	97	117	G2_D	15.63	56.53	9.09
97	97	115	Q_D	-41.52	-209.76	70.61
97	97	114	Q_D	111.88	132.03	65.7
97	97	116	Q_D	143.8	173.9	24.13
97	97	117	Q_D	-55.78	-258.1	29.05
97	97	115	N_D	-4.98	-25.17	8.47
97	97	114	N_D	13.43	15.84	7.88

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
97	97	116	N_D	17.26	20.87	2.9
97	97	117	N_D	-6.69	-30.97	3.49
97	97	115	T+_D	0.	0.	0.
97	97	114	T+_D	0.	0.	0.
97	97	116	T+_D	0.	0.	0.
97	97	117	T+_D	0.	0.	0.
97	97	115	T-_D	0.	0.	0.
97	97	114	T-_D	0.	0.	0.
97	97	116	T-_D	0.	0.	0.
97	97	117	T-_D	0.	0.	0.
97	97	115	W+_K	0.	0.	0.
97	97	114	W+_K	0.	0.	0.
97	97	116	W+_K	0.	0.	0.
97	97	117	W+_K	0.	0.	0.
97	97	115	W-_K	0.	0.	0.
97	97	114	W-_K	0.	0.	0.
97	97	116	W-_K	0.	0.	0.
97	97	117	W-_K	0.	0.	0.
97	97	115	W+_D	0.	0.	0.
97	97	114	W+_D	0.	0.	0.
97	97	116	W+_D	0.	0.	0.
97	97	117	W+_D	0.	0.	0.
97	97	115	W-_D	0.	0.	0.
97	97	114	W-_D	0.	0.	0.
97	97	116	W-_D	0.	0.	0.
97	97	117	W-_D	0.	0.	0.
97	97	115	SISMA SLV X	22.66	33.25	19.35
97	97	114	SISMA SLV X	19.6	20.1	21.36
97	97	116	SISMA SLV X	23.69	26.12	18.89
97	97	117	SISMA SLV X	14.86	32.79	16.51
97	97	115	SISMA SLV Y	25.71	22.5	12.95
97	97	114	SISMA SLV Y	14.3	15.84	13.93
97	97	116	SISMA SLV Y	15.48	23.06	9.55
97	97	117	SISMA SLV Y	31.31	36.48	8.39
97	97	115	SISMA SLD X	11.07	16.24	9.45
97	97	114	SISMA SLD X	9.57	9.82	10.43
97	97	116	SISMA SLD X	11.57	12.76	9.22
97	97	117	SISMA SLD X	7.26	16.02	8.06
97	97	115	SISMA SLD Y	12.56	10.99	6.32
97	97	114	SISMA SLD Y	6.98	7.73	6.8
97	97	116	SISMA SLD Y	7.56	11.26	4.66
97	97	117	SISMA SLD Y	15.29	17.82	4.1
97	97	115	SISMA SLO X	9.17	13.45	7.83
97	97	114	SISMA SLO X	7.93	8.13	8.64
97	97	116	SISMA SLO X	9.59	10.57	7.64
97	97	117	SISMA SLO X	6.01	13.27	6.68
97	97	115	SISMA SLO Y	10.4	9.1	5.24
97	97	114	SISMA SLO Y	5.78	6.4	5.64
97	97	116	SISMA SLO Y	6.26	9.32	3.86
97	97	117	SISMA SLO Y	12.66	14.76	3.4
97	97	115	SLT	0.	0.	0.
97	97	114	SLT	0.	0.	0.
97	97	116	SLT	0.	0.	0.
97	97	117	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
97	97	115	~TorsionSISMA SLV X	0.	0.	0.
97	97	114	~TorsionSISMA SLV X	0.	0.	0.
97	97	116	~TorsionSISMA SLV X	0.	0.	0.
97	97	117	~TorsionSISMA SLV X	0.	0.	0.
97	97	115	~TorsionSISMA SLV Y	0.	0.	0.
97	97	114	~TorsionSISMA SLV Y	0.	0.	0.
97	97	116	~TorsionSISMA SLV Y	0.	0.	0.
97	97	117	~TorsionSISMA SLV Y	0.	0.	0.
97	97	115	~TorsionSISMA SLD X	0.	0.	0.
97	97	114	~TorsionSISMA SLD X	0.	0.	0.
97	97	116	~TorsionSISMA SLD X	0.	0.	0.
97	97	117	~TorsionSISMA SLD X	0.	0.	0.
97	97	115	~TorsionSISMA SLD Y	0.	0.	0.
97	97	114	~TorsionSISMA SLD Y	0.	0.	0.
97	97	116	~TorsionSISMA SLD Y	0.	0.	0.
97	97	117	~TorsionSISMA SLD Y	0.	0.	0.
97	97	115	~TorsionSISMA SLO X	0.	0.	0.
97	97	114	~TorsionSISMA SLO X	0.	0.	0.
97	97	116	~TorsionSISMA SLO X	0.	0.	0.
97	97	117	~TorsionSISMA SLO X	0.	0.	0.
97	97	115	~TorsionSISMA SLO Y	0.	0.	0.
97	97	114	~TorsionSISMA SLO Y	0.	0.	0.
97	97	116	~TorsionSISMA SLO Y	0.	0.	0.
97	97	117	~TorsionSISMA SLO Y	0.	0.	0.
98	98	117	G1_K	-55.58	-268.46	-32.82
98	98	116	G1_K	150.75	181.51	-29.21
98	98	118	G1_K	117.81	138.11	-71.13
98	98	119	G1_K	-42.63	-217.53	-74.74
98	98	117	G2_K	-2.	40.68	18.26
98	98	116	G2_K	-10.93	1.64	10.5
98	98	118	G2_K	-49.15	-28.22	3.27
98	98	119	G2_K	28.68	139.43	11.03
98	98	117	Q_K	-36.19	-171.87	-20.86
98	98	116	Q_K	95.94	115.95	-18.33
98	98	118	Q_K	74.82	88.04	-45.34

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
98	98	119	Q_K	-28.34	-139.81	-47.87
98	98	117	N_K	-4.34	-20.62	-2.5
98	98	116	N_K	11.51	13.91	-2.2
98	98	118	N_K	8.98	10.56	-5.44
98	98	119	N_K	-3.4	-16.78	-5.74
98	98	117	T+_K	0.	0.	0.
98	98	116	T+_K	0.	0.	0.
98	98	118	T+_K	0.	0.	0.
98	98	119	T+_K	0.	0.	0.
98	98	117	T-_K	0.	0.	0.
98	98	116	T-_K	0.	0.	0.
98	98	118	T-_K	0.	0.	0.
98	98	119	T-_K	0.	0.	0.
98	98	117	G1_D	-72.25	-349.	-42.67
98	98	116	G1_D	195.97	235.96	-37.98
98	98	118	G1_D	153.16	179.54	-92.47
98	98	119	G1_D	-55.41	-282.79	-97.17
98	98	117	G2_D	-2.61	52.89	23.73
98	98	116	G2_D	-14.2	2.13	13.65
98	98	118	G2_D	-63.9	-36.68	4.26
98	98	119	G2_D	37.29	181.26	14.34
98	98	117	Q_D	-54.29	-257.8	-31.28
98	98	116	Q_D	143.91	173.92	-27.5
98	98	118	Q_D	112.23	132.05	-68.01
98	98	119	Q_D	-42.51	-209.72	-71.8
98	98	117	N_D	-6.51	-30.94	-3.75
98	98	116	N_D	17.27	20.87	-3.3
98	98	118	N_D	13.47	15.85	-8.16
98	98	119	N_D	-5.1	-25.17	-8.62
98	98	117	T+_D	0.	0.	0.
98	98	116	T+_D	0.	0.	0.
98	98	118	T+_D	0.	0.	0.
98	98	119	T+_D	0.	0.	0.
98	98	117	T-_D	0.	0.	0.
98	98	116	T-_D	0.	0.	0.
98	98	118	T-_D	0.	0.	0.
98	98	119	T-_D	0.	0.	0.
98	98	117	W+_K	0.	0.	0.
98	98	116	W+_K	0.	0.	0.
98	98	118	W+_K	0.	0.	0.
98	98	119	W+_K	0.	0.	0.
98	98	117	W-_K	0.	0.	0.
98	98	116	W-_K	0.	0.	0.
98	98	118	W-_K	0.	0.	0.
98	98	119	W-_K	0.	0.	0.
98	98	117	W+_D	0.	0.	0.
98	98	116	W+_D	0.	0.	0.
98	98	118	W+_D	0.	0.	0.
98	98	119	W+_D	0.	0.	0.
98	98	117	W-_D	0.	0.	0.
98	98	116	W-_D	0.	0.	0.
98	98	118	W-_D	0.	0.	0.
98	98	119	W-_D	0.	0.	0.
98	98	117	SISMA SLV X	22.2	34.7	12.05

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
98	98	116	SISMA SLV X	24.48	26.3	15.81
98	98	118	SISMA SLV X	12.68	15.04	15.09
98	98	119	SISMA SLV X	14.88	23.15	12.54
98	98	117	SISMA SLV Y	30.15	36.5	5.18
98	98	116	SISMA SLV Y	15.81	23.12	6.81
98	98	118	SISMA SLV Y	8.21	12.94	9.37
98	98	119	SISMA SLV Y	28.32	24.82	8.7
98	98	117	SISMA SLD X	10.84	16.95	5.89
98	98	116	SISMA SLD X	11.96	12.85	7.72
98	98	118	SISMA SLD X	6.19	7.35	7.37
98	98	119	SISMA SLD X	7.27	11.31	6.12
98	98	117	SISMA SLD Y	14.72	17.83	2.53
98	98	116	SISMA SLD Y	7.72	11.29	3.33
98	98	118	SISMA SLD Y	4.01	6.32	4.58
98	98	119	SISMA SLD Y	13.83	12.12	4.25
98	98	117	SISMA SLO X	8.98	14.04	4.88
98	98	116	SISMA SLO X	9.91	10.64	6.4
98	98	118	SISMA SLO X	5.13	6.09	6.11
98	98	119	SISMA SLO X	6.02	9.37	5.08
98	98	117	SISMA SLO Y	12.19	14.77	2.09
98	98	116	SISMA SLO Y	6.39	9.34	2.76
98	98	118	SISMA SLO Y	3.32	5.22	3.79
98	98	119	SISMA SLO Y	11.46	10.04	3.52
98	98	117	SLT	0.	0.	0.
98	98	116	SLT	0.	0.	0.
98	98	118	SLT	0.	0.	0.
98	98	119	SLT	0.	0.	0.
98	98	117	~TorsionSISMA SLV X	0.	0.	0.
98	98	116	~TorsionSISMA SLV X	0.	0.	0.
98	98	118	~TorsionSISMA SLV X	0.	0.	0.
98	98	119	~TorsionSISMA SLV X	0.	0.	0.
98	98	117	~TorsionSISMA SLV Y	0.	0.	0.
98	98	116	~TorsionSISMA SLV Y	0.	0.	0.
98	98	118	~TorsionSISMA SLV Y	0.	0.	0.
98	98	119	~TorsionSISMA SLV Y	0.	0.	0.
98	98	117	~TorsionSISMA SLD X	0.	0.	0.
98	98	116	~TorsionSISMA SLD X	0.	0.	0.
98	98	118	~TorsionSISMA SLD X	0.	0.	0.
98	98	119	~TorsionSISMA SLD X	0.	0.	0.
98	98	117	~TorsionSISMA SLD Y	0.	0.	0.
98	98	116	~TorsionSISMA SLD Y	0.	0.	0.
98	98	118	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
98	98	119	~TorsionSISMA SLD Y	0.	0.	0.
98	98	117	~TorsionSISMA SLO X	0.	0.	0.
98	98	116	~TorsionSISMA SLO X	0.	0.	0.
98	98	118	~TorsionSISMA SLO X	0.	0.	0.
98	98	119	~TorsionSISMA SLO X	0.	0.	0.
98	98	117	~TorsionSISMA SLO Y	0.	0.	0.
98	98	116	~TorsionSISMA SLO Y	0.	0.	0.
98	98	118	~TorsionSISMA SLO Y	0.	0.	0.
98	98	119	~TorsionSISMA SLO Y	0.	0.	0.
99	99	119	G1_K	-55.05	-220.02	-104.32
99	99	118	G1_K	127.15	139.98	-108.8
99	99	120	G1_K	-199.53	-52.33	-96.28
99	99	104	G1_K	30.15	33.9	-91.8
99	99	119	G2_K	35.62	140.82	24.1
99	99	118	G2_K	-58.42	-30.07	23.22
99	99	120	G2_K	-217.47	-40.89	61.12
99	99	104	G2_K	-8.64	-33.39	62.
99	99	119	Q_K	-35.85	-141.32	-66.97
99	99	118	Q_K	81.01	89.28	-69.67
99	99	120	Q_K	-128.15	-34.04	-61.81
99	99	104	Q_K	18.61	20.73	-59.11
99	99	119	N_K	-4.3	-16.96	-8.04
99	99	118	N_K	9.72	10.71	-8.36
99	99	120	N_K	-15.38	-4.08	-7.42
99	99	104	N_K	2.23	2.49	-7.09
99	99	119	T+_K	0.	0.	0.
99	99	118	T+_K	0.	0.	0.
99	99	120	T+_K	0.	0.	0.
99	99	104	T+_K	0.	0.	0.
99	99	119	T-_K	0.	0.	0.
99	99	118	T-_K	0.	0.	0.
99	99	120	T-_K	0.	0.	0.
99	99	104	T-_K	0.	0.	0.
99	99	119	G1_D	-71.57	-286.02	-135.61
99	99	118	G1_D	165.29	181.97	-141.44
99	99	120	G1_D	-259.38	-68.03	-125.16
99	99	104	G1_D	39.2	44.07	-119.33
99	99	119	G2_D	46.3	183.07	31.33
99	99	118	G2_D	-75.94	-39.09	30.18
99	99	120	G2_D	-282.71	-53.16	79.45
99	99	104	G2_D	-11.24	-43.41	80.6
99	99	119	Q_D	-53.77	-211.97	-100.46
99	99	118	Q_D	121.52	133.91	-104.51
99	99	120	Q_D	-192.23	-51.06	-92.72
99	99	104	Q_D	27.91	31.1	-88.66
99	99	119	N_D	-6.45	-25.44	-12.06
99	99	118	N_D	14.58	16.07	-12.54

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
99	99	120	N_D	-23.07	-6.13	-11.13
99	99	104	N_D	3.35	3.73	-10.64
99	99	119	T+_D	0.	0.	0.
99	99	118	T+_D	0.	0.	0.
99	99	120	T+_D	0.	0.	0.
99	99	104	T+_D	0.	0.	0.
99	99	119	T-_D	0.	0.	0.
99	99	118	T-_D	0.	0.	0.
99	99	120	T-_D	0.	0.	0.
99	99	104	T-_D	0.	0.	0.
99	99	119	W+_K	0.	0.	0.
99	99	118	W+_K	0.	0.	0.
99	99	120	W+_K	0.	0.	0.
99	99	104	W+_K	0.	0.	0.
99	99	119	W-_K	0.	0.	0.
99	99	118	W-_K	0.	0.	0.
99	99	120	W-_K	0.	0.	0.
99	99	104	W-_K	0.	0.	0.
99	99	119	W+_D	0.	0.	0.
99	99	118	W+_D	0.	0.	0.
99	99	120	W+_D	0.	0.	0.
99	99	104	W+_D	0.	0.	0.
99	99	119	W-_D	0.	0.	0.
99	99	118	W-_D	0.	0.	0.
99	99	120	W-_D	0.	0.	0.
99	99	104	W-_D	0.	0.	0.
99	99	119	SISMA SLV X	9.48	22.84	16.34
99	99	118	SISMA SLV X	12.61	15.59	19.62
99	99	120	SISMA SLV X	30.81	12.15	16.31
99	99	104	SISMA SLV X	9.3	8.13	13.28
99	99	119	SISMA SLV Y	10.49	21.61	12.96
99	99	118	SISMA SLV Y	7.14	12.85	15.84
99	99	120	SISMA SLV Y	18.81	5.65	13.8
99	99	104	SISMA SLV Y	15.25	10.2	10.97
99	99	119	SISMA SLD X	4.63	11.16	7.98
99	99	118	SISMA SLD X	6.16	7.61	9.58
99	99	120	SISMA SLD X	15.05	5.94	7.96
99	99	104	SISMA SLD X	4.54	3.97	6.49
99	99	119	SISMA SLD Y	5.12	10.56	6.33
99	99	118	SISMA SLD Y	3.49	6.28	7.73
99	99	120	SISMA SLD Y	9.19	2.76	6.74
99	99	104	SISMA SLD Y	7.45	4.98	5.36
99	99	119	SISMA SLO X	3.84	9.24	6.62
99	99	118	SISMA SLO X	5.1	6.31	7.94
99	99	120	SISMA SLO X	12.46	4.92	6.6
99	99	104	SISMA SLO X	3.76	3.29	5.38
99	99	119	SISMA SLO Y	4.24	8.74	5.24
99	99	118	SISMA SLO Y	2.88	5.19	6.41
99	99	120	SISMA SLO Y	7.61	2.29	5.58
99	99	104	SISMA SLO Y	6.17	4.12	4.44
99	99	119	SLT	0.	0.	0.
99	99	118	SLT	0.	0.	0.
99	99	120	SLT	0.	0.	0.
99	99	104	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
99	99	119	~TorsionSISMA SLV X	0.	0.	0.
99	99	118	~TorsionSISMA SLV X	0.	0.	0.
99	99	120	~TorsionSISMA SLV X	0.	0.	0.
99	99	104	~TorsionSISMA SLV X	0.	0.	0.
99	99	119	~TorsionSISMA SLV Y	0.	0.	0.
99	99	118	~TorsionSISMA SLV Y	0.	0.	0.
99	99	120	~TorsionSISMA SLV Y	0.	0.	0.
99	99	104	~TorsionSISMA SLV Y	0.	0.	0.
99	99	119	~TorsionSISMA SLD X	0.	0.	0.
99	99	118	~TorsionSISMA SLD X	0.	0.	0.
99	99	120	~TorsionSISMA SLD X	0.	0.	0.
99	99	104	~TorsionSISMA SLD X	0.	0.	0.
99	99	119	~TorsionSISMA SLD Y	0.	0.	0.
99	99	118	~TorsionSISMA SLD Y	0.	0.	0.
99	99	120	~TorsionSISMA SLD Y	0.	0.	0.
99	99	104	~TorsionSISMA SLD Y	0.	0.	0.
99	99	119	~TorsionSISMA SLO X	0.	0.	0.
99	99	118	~TorsionSISMA SLO X	0.	0.	0.
99	99	120	~TorsionSISMA SLO X	0.	0.	0.
99	99	104	~TorsionSISMA SLO X	0.	0.	0.
99	99	119	~TorsionSISMA SLO Y	0.	0.	0.
99	99	118	~TorsionSISMA SLO Y	0.	0.	0.
99	99	120	~TorsionSISMA SLO Y	0.	0.	0.
99	99	104	~TorsionSISMA SLO Y	0.	0.	0.
100	100	113	G1_K	-198.95	-38.52	72.97
100	100	121	G1_K	-242.94	-51.2	32.04
100	100	122	G1_K	167.17	193.6	26.23
100	100	114	G1_K	127.47	132.31	67.16
100	100	113	G2_K	-6.14	13.84	-1.400E-02
100	100	121	G2_K	-8.33	17.15	-0.31
100	100	122	G2_K	2.08	-6.52	3.57
100	100	114	G2_K	-2.57	3.43	3.87
100	100	113	Q_K	-128.06	-25.83	46.97
100	100	121	Q_K	-155.75	-33.13	20.62
100	100	122	Q_K	106.61	123.45	16.87

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
100	100	114	Q_K	81.11	84.33	43.22
100	100	113	N_K	-15.37	-3.1	5.64
100	100	121	N_K	-18.69	-3.98	2.47
100	100	122	N_K	12.79	14.81	2.02
100	100	114	N_K	9.73	10.12	5.19
100	100	113	T+_K	0.	0.	0.
100	100	121	T+_K	0.	0.	0.
100	100	122	T+_K	0.	0.	0.
100	100	114	T+_K	0.	0.	0.
100	100	113	T-_K	0.	0.	0.
100	100	121	T-_K	0.	0.	0.
100	100	122	T-_K	0.	0.	0.
100	100	114	T-_K	0.	0.	0.
100	100	113	G1_D	-258.63	-50.07	94.87
100	100	121	G1_D	-315.82	-66.56	41.66
100	100	122	G1_D	217.32	251.68	34.09
100	100	114	G1_D	165.71	172.01	87.3
100	100	113	G2_D	-7.98	18.	-1.820E-02
100	100	121	G2_D	-10.83	22.3	-0.41
100	100	122	G2_D	2.71	-8.47	4.64
100	100	114	G2_D	-3.35	4.46	5.03
100	100	113	Q_D	-192.09	-38.74	70.45
100	100	121	Q_D	-233.62	-49.7	30.93
100	100	122	Q_D	159.92	185.17	25.3
100	100	114	Q_D	121.67	126.49	64.82
100	100	113	N_D	-23.05	-4.65	8.45
100	100	121	N_D	-28.03	-5.96	3.71
100	100	122	N_D	19.19	22.22	3.04
100	100	114	N_D	14.6	15.18	7.78
100	100	113	T+_D	0.	0.	0.
100	100	121	T+_D	0.	0.	0.
100	100	122	T+_D	0.	0.	0.
100	100	114	T+_D	0.	0.	0.
100	100	113	T-_D	0.	0.	0.
100	100	121	T-_D	0.	0.	0.
100	100	122	T-_D	0.	0.	0.
100	100	114	T-_D	0.	0.	0.
100	100	113	W+_K	0.	0.	0.
100	100	121	W+_K	0.	0.	0.
100	100	122	W+_K	0.	0.	0.
100	100	114	W+_K	0.	0.	0.
100	100	113	W-_K	0.	0.	0.
100	100	121	W-_K	0.	0.	0.
100	100	122	W-_K	0.	0.	0.
100	100	114	W-_K	0.	0.	0.
100	100	113	W+_D	0.	0.	0.
100	100	121	W+_D	0.	0.	0.
100	100	122	W+_D	0.	0.	0.
100	100	114	W+_D	0.	0.	0.
100	100	113	W-_D	0.	0.	0.
100	100	121	W-_D	0.	0.	0.
100	100	122	W-_D	0.	0.	0.
100	100	114	W-_D	0.	0.	0.
100	100	113	SISMA SLV X	22.84	19.1	16.3

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
100	100	121	SISMA SLV X	27.59	21.43	8.98
100	100	122	SISMA SLV X	26.09	31.78	8.83
100	100	114	SISMA SLV X	18.19	20.06	15.52
100	100	113	SISMA SLV Y	14.19	14.69	15.56
100	100	121	SISMA SLV Y	10.67	14.09	15.73
100	100	122	SISMA SLV Y	12.33	13.82	16.96
100	100	114	SISMA SLV Y	12.28	19.5	16.56
100	100	113	SISMA SLD X	11.15	9.33	7.96
100	100	121	SISMA SLD X	13.48	10.47	4.39
100	100	122	SISMA SLD X	12.74	15.52	4.31
100	100	114	SISMA SLD X	8.89	9.8	7.58
100	100	113	SISMA SLD Y	6.93	7.18	7.6
100	100	121	SISMA SLD Y	5.21	6.88	7.68
100	100	122	SISMA SLD Y	6.02	6.75	8.28
100	100	114	SISMA SLD Y	5.99	9.52	8.09
100	100	113	SISMA SLO X	9.24	7.73	6.59
100	100	121	SISMA SLO X	11.17	8.67	3.63
100	100	122	SISMA SLO X	10.55	12.86	3.57
100	100	114	SISMA SLO X	7.36	8.11	6.28
100	100	113	SISMA SLO Y	5.74	5.94	6.29
100	100	121	SISMA SLO Y	4.32	5.7	6.36
100	100	122	SISMA SLO Y	4.98	5.59	6.86
100	100	114	SISMA SLO Y	4.96	7.88	6.7
100	100	113	SLT	0.	0.	0.
100	100	121	SLT	0.	0.	0.
100	100	122	SLT	0.	0.	0.
100	100	114	SLT	0.	0.	0.
100	100	113	~TorsionSISMA SLV X	0.	0.	0.
100	100	121	~TorsionSISMA SLV X	0.	0.	0.
100	100	122	~TorsionSISMA SLV X	0.	0.	0.
100	100	114	~TorsionSISMA SLV X	0.	0.	0.
100	100	113	~TorsionSISMA SLV Y	0.	0.	0.
100	100	121	~TorsionSISMA SLV Y	0.	0.	0.
100	100	122	~TorsionSISMA SLV Y	0.	0.	0.
100	100	114	~TorsionSISMA SLV Y	0.	0.	0.
100	100	113	~TorsionSISMA SLD X	0.	0.	0.
100	100	121	~TorsionSISMA SLD X	0.	0.	0.
100	100	122	~TorsionSISMA SLD X	0.	0.	0.
100	100	114	~TorsionSISMA SLD X	0.	0.	0.
100	100	113	~TorsionSISMA SLD Y	0.	0.	0.
100	100	121	~TorsionSISMA SLD Y	0.	0.	0.
100	100	122	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
100	100	114	~TorsionSISMA SLD Y	0.	0.	0.
100	100	113	~TorsionSISMA SLO X	0.	0.	0.
100	100	121	~TorsionSISMA SLO X	0.	0.	0.
100	100	122	~TorsionSISMA SLO X	0.	0.	0.
100	100	114	~TorsionSISMA SLO X	0.	0.	0.
100	100	113	~TorsionSISMA SLO Y	0.	0.	0.
100	100	121	~TorsionSISMA SLO Y	0.	0.	0.
100	100	122	~TorsionSISMA SLO Y	0.	0.	0.
100	100	114	~TorsionSISMA SLO Y	0.	0.	0.
101	101	114	G1_K	115.74	129.97	47.22
101	101	122	G1_K	166.05	193.38	24.56
101	101	123	G1_K	234.36	292.61	1.68
101	101	116	G1_K	150.53	180.62	24.34
101	101	114	G2_K	-1.12	3.72	5.47
101	101	122	G2_K	-7.64	-8.46	2.
101	101	123	G2_K	-5.93	-24.17	4.320E-02
101	101	116	G2_K	-2.6	3.4	3.52
101	101	114	Q_K	73.54	82.82	30.35
101	101	122	Q_K	105.74	123.27	15.78
101	101	123	Q_K	149.51	187.05	1.17
101	101	116	Q_K	95.73	115.28	15.74
101	101	114	N_K	8.83	9.94	3.64
101	101	122	N_K	12.69	14.79	1.89
101	101	123	N_K	17.94	22.45	0.14
101	101	116	N_K	11.49	13.83	1.89
101	101	114	T+_K	0.	0.	0.
101	101	122	T+_K	0.	0.	0.
101	101	123	T+_K	0.	0.	0.
101	101	116	T+_K	0.	0.	0.
101	101	114	T-_K	0.	0.	0.
101	101	122	T-_K	0.	0.	0.
101	101	123	T-_K	0.	0.	0.
101	101	116	T-_K	0.	0.	0.
101	101	114	G1_D	150.46	168.96	61.38
101	101	122	G1_D	215.87	251.39	31.93
101	101	123	G1_D	304.67	380.39	2.18
101	101	116	G1_D	195.69	234.81	31.64
101	101	114	G2_D	-1.45	4.84	7.12
101	101	122	G2_D	-9.94	-11.	2.6
101	101	123	G2_D	-7.71	-31.42	5.616E-02
101	101	116	G2_D	-3.38	4.42	4.57
101	101	114	Q_D	110.31	124.22	45.53
101	101	122	Q_D	158.61	184.91	23.67
101	101	123	Q_D	224.26	280.58	1.75
101	101	116	Q_D	143.6	172.91	23.61
101	101	114	N_D	13.24	14.91	5.46
101	101	122	N_D	19.03	22.19	2.84

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
101	101	123	N_D	26.91	33.67	0.21
101	101	116	N_D	17.23	20.75	2.83
101	101	114	T+_D	0.	0.	0.
101	101	122	T+_D	0.	0.	0.
101	101	123	T+_D	0.	0.	0.
101	101	116	T+_D	0.	0.	0.
101	101	114	T-_D	0.	0.	0.
101	101	122	T-_D	0.	0.	0.
101	101	123	T-_D	0.	0.	0.
101	101	116	T-_D	0.	0.	0.
101	101	114	W+_K	0.	0.	0.
101	101	122	W+_K	0.	0.	0.
101	101	123	W+_K	0.	0.	0.
101	101	116	W+_K	0.	0.	0.
101	101	114	W-_K	0.	0.	0.
101	101	122	W-_K	0.	0.	0.
101	101	123	W-_K	0.	0.	0.
101	101	116	W-_K	0.	0.	0.
101	101	114	W+_D	0.	0.	0.
101	101	122	W+_D	0.	0.	0.
101	101	123	W+_D	0.	0.	0.
101	101	116	W+_D	0.	0.	0.
101	101	114	W-_D	0.	0.	0.
101	101	122	W-_D	0.	0.	0.
101	101	123	W-_D	0.	0.	0.
101	101	116	W-_D	0.	0.	0.
101	101	114	SISMA SLV X	19.65	20.33	13.68
101	101	122	SISMA SLV X	25.65	31.69	6.27
101	101	123	SISMA SLV X	37.9	43.85	3.36
101	101	116	SISMA SLV X	23.57	25.53	11.06
101	101	114	SISMA SLV Y	15.14	20.1	11.53
101	101	122	SISMA SLV Y	11.86	13.75	7.81
101	101	123	SISMA SLV Y	16.33	19.16	1.89
101	101	116	SISMA SLV Y	15.28	22.05	6.11
101	101	114	SISMA SLD X	9.6	9.93	6.68
101	101	122	SISMA SLD X	12.53	15.48	3.06
101	101	123	SISMA SLD X	18.51	21.42	1.64
101	101	116	SISMA SLD X	11.51	12.47	5.4
101	101	114	SISMA SLD Y	7.4	9.81	5.63
101	101	122	SISMA SLD Y	5.79	6.72	3.81
101	101	123	SISMA SLD Y	7.98	9.36	0.92
101	101	116	SISMA SLD Y	7.46	10.77	2.98
101	101	114	SISMA SLO X	7.95	8.22	5.53
101	101	122	SISMA SLO X	10.37	12.82	2.54
101	101	123	SISMA SLO X	15.34	17.75	1.36
101	101	116	SISMA SLO X	9.54	10.33	4.47
101	101	114	SISMA SLO Y	6.12	8.12	4.67
101	101	122	SISMA SLO Y	4.8	5.56	3.16
101	101	123	SISMA SLO Y	6.61	7.75	0.76
101	101	116	SISMA SLO Y	6.18	8.91	2.47
101	101	114	SLT	0.	0.	0.
101	101	122	SLT	0.	0.	0.
101	101	123	SLT	0.	0.	0.
101	101	116	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
101	101	114	~TorsionSISMA SLV X	0.	0.	0.
101	101	122	~TorsionSISMA SLV X	0.	0.	0.
101	101	123	~TorsionSISMA SLV X	0.	0.	0.
101	101	116	~TorsionSISMA SLV X	0.	0.	0.
101	101	114	~TorsionSISMA SLV Y	0.	0.	0.
101	101	122	~TorsionSISMA SLV Y	0.	0.	0.
101	101	123	~TorsionSISMA SLV Y	0.	0.	0.
101	101	116	~TorsionSISMA SLV Y	0.	0.	0.
101	101	114	~TorsionSISMA SLD X	0.	0.	0.
101	101	122	~TorsionSISMA SLD X	0.	0.	0.
101	101	123	~TorsionSISMA SLD X	0.	0.	0.
101	101	116	~TorsionSISMA SLD X	0.	0.	0.
101	101	114	~TorsionSISMA SLD Y	0.	0.	0.
101	101	122	~TorsionSISMA SLD Y	0.	0.	0.
101	101	123	~TorsionSISMA SLD Y	0.	0.	0.
101	101	116	~TorsionSISMA SLD Y	0.	0.	0.
101	101	114	~TorsionSISMA SLO X	0.	0.	0.
101	101	122	~TorsionSISMA SLO X	0.	0.	0.
101	101	123	~TorsionSISMA SLO X	0.	0.	0.
101	101	116	~TorsionSISMA SLO X	0.	0.	0.
101	101	114	~TorsionSISMA SLO Y	0.	0.	0.
101	101	122	~TorsionSISMA SLO Y	0.	0.	0.
101	101	123	~TorsionSISMA SLO Y	0.	0.	0.
101	101	116	~TorsionSISMA SLO Y	0.	0.	0.
102	102	116	G1_K	150.57	180.63	-26.63
102	102	123	G1_K	234.55	292.64	-2.31
102	102	124	G1_K	169.47	191.03	-26.8
102	102	118	G1_K	116.26	130.35	-51.12
102	102	116	G2_K	-10.91	1.74	2.88
102	102	123	G2_K	-22.08	-27.4	-0.44
102	102	124	G2_K	-80.44	-51.65	6.55
102	102	118	G2_K	-47.02	-17.56	9.87
102	102	116	Q_K	95.81	115.29	-16.81
102	102	123	Q_K	149.49	187.05	-1.37
102	102	124	Q_K	107.67	121.97	-16.95

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
102	102	118	Q_K	73.81	83.	-32.38
102	102	116	N_K	11.5	13.83	-2.02
102	102	123	N_K	17.94	22.45	-0.16
102	102	124	N_K	12.92	14.64	-2.03
102	102	118	N_K	8.86	9.96	-3.89
102	102	116	T+_K	0.	0.	0.
102	102	123	T+_K	0.	0.	0.
102	102	124	T+_K	0.	0.	0.
102	102	118	T+_K	0.	0.	0.
102	102	116	T-_K	0.	0.	0.
102	102	123	T-_K	0.	0.	0.
102	102	124	T-_K	0.	0.	0.
102	102	118	T-_K	0.	0.	0.
102	102	116	G1_D	195.75	234.82	-34.62
102	102	123	G1_D	304.91	380.44	-3.
102	102	124	G1_D	220.31	248.34	-34.84
102	102	118	G1_D	151.14	169.46	-66.46
102	102	116	G2_D	-14.18	2.26	3.74
102	102	123	G2_D	-28.71	-35.62	-0.57
102	102	124	G2_D	-104.57	-67.15	8.51
102	102	118	G2_D	-61.13	-22.82	12.83
102	102	116	Q_D	143.71	172.94	-25.21
102	102	123	Q_D	224.24	280.57	-2.06
102	102	124	Q_D	161.51	182.95	-25.42
102	102	118	Q_D	110.72	124.5	-48.57
102	102	116	N_D	17.25	20.75	-3.03
102	102	123	N_D	26.91	33.67	-0.25
102	102	124	N_D	19.38	21.95	-3.05
102	102	118	N_D	13.29	14.94	-5.83
102	102	116	T+_D	0.	0.	0.
102	102	123	T+_D	0.	0.	0.
102	102	124	T+_D	0.	0.	0.
102	102	118	T+_D	0.	0.	0.
102	102	116	T-_D	0.	0.	0.
102	102	123	T-_D	0.	0.	0.
102	102	124	T-_D	0.	0.	0.
102	102	118	T-_D	0.	0.	0.
102	102	116	W+_K	0.	0.	0.
102	102	123	W+_K	0.	0.	0.
102	102	124	W+_K	0.	0.	0.
102	102	118	W+_K	0.	0.	0.
102	102	116	W-_K	0.	0.	0.
102	102	123	W-_K	0.	0.	0.
102	102	124	W-_K	0.	0.	0.
102	102	118	W-_K	0.	0.	0.
102	102	116	W+_D	0.	0.	0.
102	102	123	W+_D	0.	0.	0.
102	102	124	W+_D	0.	0.	0.
102	102	118	W+_D	0.	0.	0.
102	102	116	W-_D	0.	0.	0.
102	102	123	W-_D	0.	0.	0.
102	102	124	W-_D	0.	0.	0.
102	102	118	W-_D	0.	0.	0.
102	102	116	SISMA SLV X	24.36	25.7	8.66

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
102	102	123	SISMA SLV X	35.13	43.27	4.23
102	102	124	SISMA SLV X	18.65	24.57	7.16
102	102	118	SISMA SLV X	12.96	14.41	11.67
102	102	116	SISMA SLV Y	15.61	22.1	4.28
102	102	123	SISMA SLV Y	14.84	18.79	2.39
102	102	124	SISMA SLV Y	8.69	10.11	7.61
102	102	118	SISMA SLV Y	9.11	17.13	9.11
102	102	116	SISMA SLD X	11.9	12.55	4.23
102	102	123	SISMA SLD X	17.16	21.14	2.07
102	102	124	SISMA SLD X	9.11	12.	3.5
102	102	118	SISMA SLD X	6.33	7.04	5.7
102	102	116	SISMA SLD Y	7.62	10.79	2.09
102	102	123	SISMA SLD Y	7.25	9.18	1.17
102	102	124	SISMA SLD Y	4.24	4.94	3.72
102	102	118	SISMA SLD Y	4.45	8.36	4.45
102	102	116	SISMA SLO X	9.86	10.4	3.5
102	102	123	SISMA SLO X	14.22	17.51	1.71
102	102	124	SISMA SLO X	7.55	9.94	2.9
102	102	118	SISMA SLO X	5.24	5.83	4.72
102	102	116	SISMA SLO Y	6.31	8.93	1.73
102	102	123	SISMA SLO Y	6.	7.6	0.97
102	102	124	SISMA SLO Y	3.51	4.09	3.08
102	102	118	SISMA SLO Y	3.68	6.92	3.69
102	102	116	SLT	0.	0.	0.
102	102	123	SLT	0.	0.	0.
102	102	124	SLT	0.	0.	0.
102	102	118	SLT	0.	0.	0.
102	102	116	~TorsionSISMA SLV X	0.	0.	0.
102	102	123	~TorsionSISMA SLV X	0.	0.	0.
102	102	124	~TorsionSISMA SLV X	0.	0.	0.
102	102	118	~TorsionSISMA SLV X	0.	0.	0.
102	102	116	~TorsionSISMA SLV Y	0.	0.	0.
102	102	123	~TorsionSISMA SLV Y	0.	0.	0.
102	102	124	~TorsionSISMA SLV Y	0.	0.	0.
102	102	118	~TorsionSISMA SLV Y	0.	0.	0.
102	102	116	~TorsionSISMA SLD X	0.	0.	0.
102	102	123	~TorsionSISMA SLD X	0.	0.	0.
102	102	124	~TorsionSISMA SLD X	0.	0.	0.
102	102	118	~TorsionSISMA SLD X	0.	0.	0.
102	102	116	~TorsionSISMA SLD Y	0.	0.	0.
102	102	123	~TorsionSISMA SLD Y	0.	0.	0.
102	102	124	~TorsionSISMA SLD Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
102	102	118	~TorsionSISMA SLD Y	0.	0.	0.
102	102	116	~TorsionSISMA SLO X	0.	0.	0.
102	102	123	~TorsionSISMA SLO X	0.	0.	0.
102	102	124	~TorsionSISMA SLO X	0.	0.	0.
102	102	118	~TorsionSISMA SLO X	0.	0.	0.
102	102	116	~TorsionSISMA SLO Y	0.	0.	0.
102	102	123	~TorsionSISMA SLO Y	0.	0.	0.
102	102	124	~TorsionSISMA SLO Y	0.	0.	0.
102	102	118	~TorsionSISMA SLO Y	0.	0.	0.
103	103	118	G1_K	125.6	132.22	-71.24
103	103	124	G1_K	171.48	191.43	-32.26
103	103	125	G1_K	-249.44	-45.5	-34.45
103	103	120	G1_K	-196.51	-37.27	-73.43
103	103	118	G2_K	-56.29	-19.41	22.8
103	103	124	G2_K	-83.1	-52.18	10.27
103	103	125	G2_K	-334.54	-88.23	33.03
103	103	120	G2_K	-220.91	-58.12	45.56
103	103	118	Q_K	80.01	84.24	-45.43
103	103	124	Q_K	109.29	122.29	-20.19
103	103	125	Q_K	-159.68	-30.11	-21.86
103	103	120	Q_K	-126.42	-25.37	-47.1
103	103	118	N_K	9.6	10.11	-5.45
103	103	124	N_K	13.11	14.68	-2.42
103	103	125	N_K	-19.16	-3.61	-2.62
103	103	120	N_K	-15.17	-3.04	-5.65
103	103	118	T+_K	0.	0.	0.
103	103	124	T+_K	0.	0.	0.
103	103	125	T+_K	0.	0.	0.
103	103	120	T+_K	0.	0.	0.
103	103	118	T-_K	0.	0.	0.
103	103	124	T-_K	0.	0.	0.
103	103	125	T-_K	0.	0.	0.
103	103	120	T-_K	0.	0.	0.
103	103	118	G1_D	163.28	171.89	-92.61
103	103	124	G1_D	222.92	248.86	-41.94
103	103	125	G1_D	-324.28	-59.16	-44.78
103	103	120	G1_D	-255.47	-48.45	-95.46
103	103	118	G2_D	-73.17	-25.23	29.64
103	103	124	G2_D	-108.04	-67.84	13.35
103	103	125	G2_D	-434.91	-114.7	42.94
103	103	120	G2_D	-287.19	-75.55	59.23
103	103	118	Q_D	120.01	126.36	-68.14
103	103	124	Q_D	163.94	183.44	-30.28
103	103	125	Q_D	-239.52	-45.17	-32.79
103	103	120	Q_D	-189.63	-38.05	-70.65
103	103	118	N_D	14.4	15.16	-8.18
103	103	124	N_D	19.67	22.01	-3.63

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
103	103	125	N_D	-28.74	-5.42	-3.93
103	103	120	N_D	-22.76	-4.57	-8.48
103	103	118	T+_D	0.	0.	0.
103	103	124	T+_D	0.	0.	0.
103	103	125	T+_D	0.	0.	0.
103	103	120	T+_D	0.	0.	0.
103	103	118	T-_D	0.	0.	0.
103	103	124	T-_D	0.	0.	0.
103	103	125	T-_D	0.	0.	0.
103	103	120	T-_D	0.	0.	0.
103	103	118	W+_K	0.	0.	0.
103	103	124	W+_K	0.	0.	0.
103	103	125	W+_K	0.	0.	0.
103	103	120	W+_K	0.	0.	0.
103	103	118	W-_K	0.	0.	0.
103	103	124	W-_K	0.	0.	0.
103	103	125	W-_K	0.	0.	0.
103	103	120	W-_K	0.	0.	0.
103	103	118	W+_D	0.	0.	0.
103	103	124	W+_D	0.	0.	0.
103	103	125	W+_D	0.	0.	0.
103	103	120	W+_D	0.	0.	0.
103	103	118	W-_D	0.	0.	0.
103	103	124	W-_D	0.	0.	0.
103	103	125	W-_D	0.	0.	0.
103	103	120	W-_D	0.	0.	0.
103	103	118	SISMA SLV X	12.58	14.7	14.32
103	103	124	SISMA SLV X	19.21	24.65	12.2
103	103	125	SISMA SLV X	45.2	26.84	11.63
103	103	120	SISMA SLV X	31.55	17.35	13.92
103	103	118	SISMA SLV Y	7.8	16.9	13.83
103	103	124	SISMA SLV Y	8.72	10.14	16.16
103	103	125	SISMA SLV Y	20.91	12.59	14.88
103	103	120	SISMA SLV Y	21.83	20.4	12.59
103	103	118	SISMA SLD X	6.14	7.18	7.
103	103	124	SISMA SLD X	9.38	12.04	5.96
103	103	125	SISMA SLD X	22.08	13.11	5.68
103	103	120	SISMA SLD X	15.41	8.48	6.8
103	103	118	SISMA SLD Y	3.81	8.25	6.75
103	103	124	SISMA SLD Y	4.26	4.95	7.89
103	103	125	SISMA SLD Y	10.21	6.15	7.27
103	103	120	SISMA SLD Y	10.66	9.96	6.15
103	103	118	SISMA SLO X	5.09	5.95	5.8
103	103	124	SISMA SLO X	7.77	9.98	4.94
103	103	125	SISMA SLO X	18.29	10.86	4.71
103	103	120	SISMA SLO X	12.77	7.02	5.64
103	103	118	SISMA SLO Y	3.15	6.83	5.59
103	103	124	SISMA SLO Y	3.53	4.1	6.54
103	103	125	SISMA SLO Y	8.46	5.09	6.02
103	103	120	SISMA SLO Y	8.83	8.25	5.09
103	103	118	SLT	0.	0.	0.
103	103	124	SLT	0.	0.	0.
103	103	125	SLT	0.	0.	0.
103	103	120	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
103	103	118	~TorsionSISMA SLV X	0.	0.	0.
103	103	124	~TorsionSISMA SLV X	0.	0.	0.
103	103	125	~TorsionSISMA SLV X	0.	0.	0.
103	103	120	~TorsionSISMA SLV X	0.	0.	0.
103	103	118	~TorsionSISMA SLV Y	0.	0.	0.
103	103	124	~TorsionSISMA SLV Y	0.	0.	0.
103	103	125	~TorsionSISMA SLV Y	0.	0.	0.
103	103	120	~TorsionSISMA SLV Y	0.	0.	0.
103	103	118	~TorsionSISMA SLD X	0.	0.	0.
103	103	124	~TorsionSISMA SLD X	0.	0.	0.
103	103	125	~TorsionSISMA SLD X	0.	0.	0.
103	103	120	~TorsionSISMA SLD X	0.	0.	0.
103	103	118	~TorsionSISMA SLD Y	0.	0.	0.
103	103	124	~TorsionSISMA SLD Y	0.	0.	0.
103	103	125	~TorsionSISMA SLD Y	0.	0.	0.
103	103	120	~TorsionSISMA SLD Y	0.	0.	0.
103	103	118	~TorsionSISMA SLO X	0.	0.	0.
103	103	124	~TorsionSISMA SLO X	0.	0.	0.
103	103	125	~TorsionSISMA SLO X	0.	0.	0.
103	103	120	~TorsionSISMA SLO X	0.	0.	0.
103	103	118	~TorsionSISMA SLO Y	0.	0.	0.
103	103	124	~TorsionSISMA SLO Y	0.	0.	0.
103	103	125	~TorsionSISMA SLO Y	0.	0.	0.
103	103	120	~TorsionSISMA SLO Y	0.	0.	0.
104	104	121	G1_K	-242.98	-51.4	-34.16
104	104	126	G1_K	-201.39	-47.05	-76.1
104	104	127	G1_K	132.06	128.87	-70.99
104	104	122	G1_K	167.22	193.84	-29.06
104	104	121	G2_K	-8.96	14.02	5.07
104	104	126	G2_K	-4.5	18.3	2.98
104	104	127	G2_K	-2.51	-0.95	0.38
104	104	122	G2_K	2.3	-5.43	2.47
104	104	121	Q_K	-155.84	-33.59	-21.85
104	104	126	Q_K	-129.39	-31.02	-48.75
104	104	127	Q_K	84.38	82.04	-45.38

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
104	104	122	Q_K	106.65	123.65	-18.49
104	104	121	N_K	-18.7	-4.03	-2.62
104	104	126	N_K	-15.53	-3.72	-5.85
104	104	127	N_K	10.13	9.84	-5.45
104	104	122	N_K	12.8	14.84	-2.22
104	104	121	T+_K	0.	0.	0.
104	104	126	T+_K	0.	0.	0.
104	104	127	T+_K	0.	0.	0.
104	104	122	T+_K	0.	0.	0.
104	104	121	T-_K	0.	0.	0.
104	104	126	T-_K	0.	0.	0.
104	104	127	T-_K	0.	0.	0.
104	104	122	T-_K	0.	0.	0.
104	104	121	G1_D	-315.87	-66.82	-44.41
104	104	126	G1_D	-261.8	-61.17	-98.93
104	104	127	G1_D	171.68	167.52	-92.29
104	104	122	G1_D	217.38	251.99	-37.77
104	104	121	G2_D	-11.64	18.23	6.59
104	104	126	G2_D	-5.85	23.79	3.87
104	104	127	G2_D	-3.26	-1.23	0.49
104	104	122	G2_D	2.99	-7.06	3.21
104	104	121	Q_D	-233.76	-50.39	-32.78
104	104	126	Q_D	-194.09	-46.53	-73.12
104	104	127	Q_D	126.57	123.05	-68.07
104	104	122	Q_D	159.98	185.48	-27.73
104	104	121	N_D	-28.05	-6.05	-3.93
104	104	126	N_D	-23.29	-5.58	-8.77
104	104	127	N_D	15.19	14.77	-8.17
104	104	122	N_D	19.2	22.26	-3.33
104	104	121	T+_D	0.	0.	0.
104	104	126	T+_D	0.	0.	0.
104	104	127	T+_D	0.	0.	0.
104	104	122	T+_D	0.	0.	0.
104	104	121	T-_D	0.	0.	0.
104	104	126	T-_D	0.	0.	0.
104	104	127	T-_D	0.	0.	0.
104	104	122	T-_D	0.	0.	0.
104	104	121	W+_K	0.	0.	0.
104	104	126	W+_K	0.	0.	0.
104	104	127	W+_K	0.	0.	0.
104	104	122	W+_K	0.	0.	0.
104	104	121	W-_K	0.	0.	0.
104	104	126	W-_K	0.	0.	0.
104	104	127	W-_K	0.	0.	0.
104	104	122	W-_K	0.	0.	0.
104	104	121	W+_D	0.	0.	0.
104	104	126	W+_D	0.	0.	0.
104	104	127	W+_D	0.	0.	0.
104	104	122	W+_D	0.	0.	0.
104	104	121	W-_D	0.	0.	0.
104	104	126	W-_D	0.	0.	0.
104	104	127	W-_D	0.	0.	0.
104	104	122	W-_D	0.	0.	0.
104	104	121	SISMA SLV X	27.64	20.19	9.88

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
104	104	126	SISMA SLV X	22.1	20.14	16.66
104	104	127	SISMA SLV X	17.84	15.79	15.2
104	104	122	SISMA SLV X	26.26	32.54	8.59
104	104	121	SISMA SLV Y	10.3	11.99	16.14
104	104	126	SISMA SLV Y	17.71	18.5	14.41
104	104	127	SISMA SLV Y	9.74	14.33	13.28
104	104	122	SISMA SLV Y	12.5	14.45	15.11
104	104	121	SISMA SLD X	13.5	9.86	4.83
104	104	126	SISMA SLD X	10.8	9.84	8.14
104	104	127	SISMA SLD X	8.71	7.71	7.42
104	104	122	SISMA SLD X	12.83	15.89	4.2
104	104	121	SISMA SLD Y	5.03	5.86	7.89
104	104	126	SISMA SLD Y	8.65	9.04	7.04
104	104	127	SISMA SLD Y	4.75	7.	6.49
104	104	122	SISMA SLD Y	6.11	7.06	7.38
104	104	121	SISMA SLO X	11.18	8.17	4.
104	104	126	SISMA SLO X	8.95	8.15	6.74
104	104	127	SISMA SLO X	7.22	6.39	6.15
104	104	122	SISMA SLO X	10.62	13.17	3.48
104	104	121	SISMA SLO Y	4.17	4.85	6.53
104	104	126	SISMA SLO Y	7.16	7.48	5.83
104	104	127	SISMA SLO Y	3.93	5.79	5.37
104	104	122	SISMA SLO Y	5.05	5.85	6.11
104	104	121	SLT	0.	0.	0.
104	104	126	SLT	0.	0.	0.
104	104	127	SLT	0.	0.	0.
104	104	122	SLT	0.	0.	0.
104	104	121	~TorsionSISMA SLV X	0.	0.	0.
104	104	126	~TorsionSISMA SLV X	0.	0.	0.
104	104	127	~TorsionSISMA SLV X	0.	0.	0.
104	104	122	~TorsionSISMA SLV X	0.	0.	0.
104	104	121	~TorsionSISMA SLV Y	0.	0.	0.
104	104	126	~TorsionSISMA SLV Y	0.	0.	0.
104	104	127	~TorsionSISMA SLV Y	0.	0.	0.
104	104	122	~TorsionSISMA SLV Y	0.	0.	0.
104	104	121	~TorsionSISMA SLD X	0.	0.	0.
104	104	126	~TorsionSISMA SLD X	0.	0.	0.
104	104	127	~TorsionSISMA SLD X	0.	0.	0.
104	104	122	~TorsionSISMA SLD X	0.	0.	0.
104	104	121	~TorsionSISMA SLD Y	0.	0.	0.
104	104	126	~TorsionSISMA SLD Y	0.	0.	0.
104	104	127	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
104	104	122	~TorsionSISMA SLD Y	0.	0.	0.
104	104	121	~TorsionSISMA SLO X	0.	0.	0.
104	104	126	~TorsionSISMA SLO X	0.	0.	0.
104	104	127	~TorsionSISMA SLO X	0.	0.	0.
104	104	122	~TorsionSISMA SLO X	0.	0.	0.
104	104	121	~TorsionSISMA SLO Y	0.	0.	0.
104	104	126	~TorsionSISMA SLO Y	0.	0.	0.
104	104	127	~TorsionSISMA SLO Y	0.	0.	0.
104	104	122	~TorsionSISMA SLO Y	0.	0.	0.
105	105	122	G1_K	166.1	193.61	-27.
105	105	127	G1_K	122.07	126.87	-54.92
105	105	128	G1_K	139.74	183.41	-30.8
105	105	123	G1_K	234.42	292.91	-2.88
105	105	122	G2_K	-7.43	-7.38	1.6
105	105	127	G2_K	-9.1	-2.26	1.48
105	105	128	G2_K	-11.03	-3.75	2.91
105	105	123	G2_K	-5.87	-23.86	3.03
105	105	122	Q_K	105.78	123.48	-17.26
105	105	127	Q_K	77.89	80.74	-35.14
105	105	128	Q_K	88.97	117.01	-19.77
105	105	123	Q_K	149.54	187.21	-1.88
105	105	122	N_K	12.69	14.82	-2.07
105	105	127	N_K	9.35	9.69	-4.22
105	105	128	N_K	10.68	14.04	-2.37
105	105	123	N_K	17.94	22.46	-0.23
105	105	122	T+_K	0.	0.	0.
105	105	127	T+_K	0.	0.	0.
105	105	128	T+_K	0.	0.	0.
105	105	123	T+_K	0.	0.	0.
105	105	122	T-_K	0.	0.	0.
105	105	127	T-_K	0.	0.	0.
105	105	128	T-_K	0.	0.	0.
105	105	123	T-_K	0.	0.	0.
105	105	122	G1_D	215.93	251.7	-35.1
105	105	127	G1_D	158.69	164.93	-71.4
105	105	128	G1_D	181.66	238.44	-40.04
105	105	123	G1_D	304.75	380.78	-3.74
105	105	122	G2_D	-9.66	-9.59	2.08
105	105	127	G2_D	-11.83	-2.94	1.92
105	105	128	G2_D	-14.34	-4.87	3.79
105	105	123	G2_D	-7.63	-31.02	3.94
105	105	122	Q_D	158.67	185.21	-25.88
105	105	127	Q_D	116.84	121.11	-52.72
105	105	128	Q_D	133.46	175.52	-29.65
105	105	123	Q_D	224.31	280.81	-2.82
105	105	122	N_D	19.04	22.23	-3.11
105	105	127	N_D	14.02	14.53	-6.33

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
105	105	128	N_D	16.02	21.06	-3.56
105	105	123	N_D	26.92	33.7	-0.34
105	105	122	T+_D	0.	0.	0.
105	105	127	T+_D	0.	0.	0.
105	105	128	T+_D	0.	0.	0.
105	105	123	T+_D	0.	0.	0.
105	105	122	T-_D	0.	0.	0.
105	105	127	T-_D	0.	0.	0.
105	105	128	T-_D	0.	0.	0.
105	105	123	T-_D	0.	0.	0.
105	105	122	W+_K	0.	0.	0.
105	105	127	W+_K	0.	0.	0.
105	105	128	W+_K	0.	0.	0.
105	105	123	W+_K	0.	0.	0.
105	105	122	W-_K	0.	0.	0.
105	105	127	W-_K	0.	0.	0.
105	105	128	W-_K	0.	0.	0.
105	105	123	W-_K	0.	0.	0.
105	105	122	W+_D	0.	0.	0.
105	105	127	W+_D	0.	0.	0.
105	105	128	W+_D	0.	0.	0.
105	105	123	W+_D	0.	0.	0.
105	105	122	W-_D	0.	0.	0.
105	105	127	W-_D	0.	0.	0.
105	105	128	W-_D	0.	0.	0.
105	105	123	W-_D	0.	0.	0.
105	105	122	SISMA SLV X	25.81	32.44	5.38
105	105	127	SISMA SLV X	16.78	15.64	12.79
105	105	128	SISMA SLV X	20.11	21.96	8.09
105	105	123	SISMA SLV X	37.94	44.02	0.77
105	105	122	SISMA SLV Y	11.99	14.35	6.11
105	105	127	SISMA SLV Y	12.38	15.08	8.98
105	105	128	SISMA SLV Y	14.07	16.22	4.16
105	105	123	SISMA SLV Y	16.37	18.63	0.91
105	105	122	SISMA SLD X	12.61	15.85	2.63
105	105	127	SISMA SLD X	8.2	7.64	6.25
105	105	128	SISMA SLD X	9.82	10.73	3.95
105	105	123	SISMA SLD X	18.53	21.5	0.37
105	105	122	SISMA SLD Y	5.86	7.01	2.99
105	105	127	SISMA SLD Y	6.04	7.37	4.38
105	105	128	SISMA SLD Y	6.87	7.92	2.03
105	105	123	SISMA SLD Y	7.99	9.1	0.44
105	105	122	SISMA SLO X	10.44	13.13	2.18
105	105	127	SISMA SLO X	6.79	6.33	5.18
105	105	128	SISMA SLO X	8.14	8.89	3.27
105	105	123	SISMA SLO X	15.36	17.82	0.31
105	105	122	SISMA SLO Y	4.85	5.81	2.47
105	105	127	SISMA SLO Y	5.	6.09	3.63
105	105	128	SISMA SLO Y	5.69	6.55	1.68
105	105	123	SISMA SLO Y	6.62	7.54	0.37
105	105	122	SLT	0.	0.	0.
105	105	127	SLT	0.	0.	0.
105	105	128	SLT	0.	0.	0.
105	105	123	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
105	105	122	~TorsionSISMA SLV X	0.	0.	0.
105	105	127	~TorsionSISMA SLV X	0.	0.	0.
105	105	128	~TorsionSISMA SLV X	0.	0.	0.
105	105	123	~TorsionSISMA SLV X	0.	0.	0.
105	105	122	~TorsionSISMA SLV Y	0.	0.	0.
105	105	127	~TorsionSISMA SLV Y	0.	0.	0.
105	105	128	~TorsionSISMA SLV Y	0.	0.	0.
105	105	123	~TorsionSISMA SLV Y	0.	0.	0.
105	105	122	~TorsionSISMA SLD X	0.	0.	0.
105	105	127	~TorsionSISMA SLD X	0.	0.	0.
105	105	128	~TorsionSISMA SLD X	0.	0.	0.
105	105	123	~TorsionSISMA SLD X	0.	0.	0.
105	105	122	~TorsionSISMA SLD Y	0.	0.	0.
105	105	127	~TorsionSISMA SLD Y	0.	0.	0.
105	105	128	~TorsionSISMA SLD Y	0.	0.	0.
105	105	123	~TorsionSISMA SLD Y	0.	0.	0.
105	105	122	~TorsionSISMA SLO X	0.	0.	0.
105	105	127	~TorsionSISMA SLO X	0.	0.	0.
105	105	128	~TorsionSISMA SLO X	0.	0.	0.
105	105	123	~TorsionSISMA SLO X	0.	0.	0.
105	105	122	~TorsionSISMA SLO Y	0.	0.	0.
105	105	127	~TorsionSISMA SLO Y	0.	0.	0.
105	105	128	~TorsionSISMA SLO Y	0.	0.	0.
105	105	123	~TorsionSISMA SLO Y	0.	0.	0.
106	106	123	G1_K	234.61	292.95	2.93
106	106	128	G1_K	138.96	183.26	29.07
106	106	129	G1_K	123.24	129.73	52.98
106	106	124	G1_K	169.63	191.82	26.83
106	106	123	G2_K	-22.02	-27.09	3.77
106	106	128	G2_K	-19.33	-5.41	5.05
106	106	129	G2_K	-56.26	-30.58	2.06
106	106	124	G2_K	-81.2	-55.45	0.78
106	106	123	Q_K	149.52	187.2	1.86
106	106	128	Q_K	88.62	116.94	18.58
106	106	129	Q_K	78.04	82.84	34.01

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
106	106	124	Q_K	107.8	122.59	17.29
106	106	123	N_K	17.94	22.46	0.22
106	106	128	N_K	10.63	14.03	2.23
106	106	129	N_K	9.36	9.94	4.08
106	106	124	N_K	12.94	14.71	2.07
106	106	123	T+_K	0.	0.	0.
106	106	128	T+_K	0.	0.	0.
106	106	129	T+_K	0.	0.	0.
106	106	124	T+_K	0.	0.	0.
106	106	123	T-_K	0.	0.	0.
106	106	128	T-_K	0.	0.	0.
106	106	129	T-_K	0.	0.	0.
106	106	124	T-_K	0.	0.	0.
106	106	123	G1_D	304.99	380.83	3.8
106	106	128	G1_D	180.65	238.24	37.8
106	106	129	G1_D	160.22	168.65	68.88
106	106	124	G1_D	220.52	249.37	34.88
106	106	123	G2_D	-28.63	-35.22	4.91
106	106	128	G2_D	-25.13	-7.03	6.57
106	106	129	G2_D	-73.14	-39.75	2.67
106	106	124	G2_D	-105.56	-72.09	1.01
106	106	123	Q_D	224.28	280.8	2.79
106	106	128	Q_D	132.92	175.41	27.86
106	106	129	Q_D	117.06	124.25	51.01
106	106	124	Q_D	161.69	183.88	25.93
106	106	123	N_D	26.91	33.7	0.33
106	106	128	N_D	15.95	21.05	3.34
106	106	129	N_D	14.05	14.91	6.12
106	106	124	N_D	19.4	22.07	3.11
106	106	123	T+_D	0.	0.	0.
106	106	128	T+_D	0.	0.	0.
106	106	129	T+_D	0.	0.	0.
106	106	124	T+_D	0.	0.	0.
106	106	123	T-_D	0.	0.	0.
106	106	128	T-_D	0.	0.	0.
106	106	129	T-_D	0.	0.	0.
106	106	124	T-_D	0.	0.	0.
106	106	123	W+_K	0.	0.	0.
106	106	128	W+_K	0.	0.	0.
106	106	129	W+_K	0.	0.	0.
106	106	124	W+_K	0.	0.	0.
106	106	123	W-_K	0.	0.	0.
106	106	128	W-_K	0.	0.	0.
106	106	129	W-_K	0.	0.	0.
106	106	124	W-_K	0.	0.	0.
106	106	123	W+_D	0.	0.	0.
106	106	128	W+_D	0.	0.	0.
106	106	129	W+_D	0.	0.	0.
106	106	124	W+_D	0.	0.	0.
106	106	123	W-_D	0.	0.	0.
106	106	128	W-_D	0.	0.	0.
106	106	129	W-_D	0.	0.	0.
106	106	124	W-_D	0.	0.	0.
106	106	123	SISMA SLV X	35.16	43.43	2.57

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
106	106	128	SISMA SLV X	19.45	21.82	4.3
106	106	129	SISMA SLV X	15.32	15.55	8.37
106	106	124	SISMA SLV X	18.77	24.06	7.18
106	106	123	SISMA SLV Y	14.95	18.3	2.25
106	106	128	SISMA SLV Y	14.03	16.19	4.23
106	106	129	SISMA SLV Y	17.14	17.5	9.51
106	106	124	SISMA SLV Y	8.46	9.52	7.62
106	106	123	SISMA SLD X	17.18	21.21	1.25
106	106	128	SISMA SLD X	9.5	10.66	2.1
106	106	129	SISMA SLD X	7.48	7.6	4.09
106	106	124	SISMA SLD X	9.16	11.75	3.51
106	106	123	SISMA SLD Y	7.3	8.94	1.1
106	106	128	SISMA SLD Y	6.85	7.91	2.06
106	106	129	SISMA SLD Y	8.37	8.55	4.65
106	106	124	SISMA SLD Y	4.13	4.65	3.72
106	106	123	SISMA SLO X	14.23	17.58	1.04
106	106	128	SISMA SLO X	7.88	8.83	1.74
106	106	129	SISMA SLO X	6.19	6.29	3.39
106	106	124	SISMA SLO X	7.59	9.74	2.9
106	106	123	SISMA SLO Y	6.05	7.4	0.91
106	106	128	SISMA SLO Y	5.67	6.54	1.71
106	106	129	SISMA SLO Y	6.93	7.07	3.85
106	106	124	SISMA SLO Y	3.42	3.85	3.08
106	106	123	SLT	0.	0.	0.
106	106	128	SLT	0.	0.	0.
106	106	129	SLT	0.	0.	0.
106	106	124	SLT	0.	0.	0.
106	106	123	~TorsionSISMA SLV X	0.	0.	0.
106	106	128	~TorsionSISMA SLV X	0.	0.	0.
106	106	129	~TorsionSISMA SLV X	0.	0.	0.
106	106	124	~TorsionSISMA SLV X	0.	0.	0.
106	106	123	~TorsionSISMA SLV Y	0.	0.	0.
106	106	128	~TorsionSISMA SLV Y	0.	0.	0.
106	106	129	~TorsionSISMA SLV Y	0.	0.	0.
106	106	124	~TorsionSISMA SLV Y	0.	0.	0.
106	106	123	~TorsionSISMA SLD X	0.	0.	0.
106	106	128	~TorsionSISMA SLD X	0.	0.	0.
106	106	129	~TorsionSISMA SLD X	0.	0.	0.
106	106	124	~TorsionSISMA SLD X	0.	0.	0.
106	106	123	~TorsionSISMA SLD Y	0.	0.	0.
106	106	128	~TorsionSISMA SLD Y	0.	0.	0.
106	106	129	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
106	106	124	~TorsionSISMA SLD Y	0.	0.	0.
106	106	123	~TorsionSISMA SLO X	0.	0.	0.
106	106	128	~TorsionSISMA SLO X	0.	0.	0.
106	106	129	~TorsionSISMA SLO X	0.	0.	0.
106	106	124	~TorsionSISMA SLO X	0.	0.	0.
106	106	123	~TorsionSISMA SLO Y	0.	0.	0.
106	106	128	~TorsionSISMA SLO Y	0.	0.	0.
106	106	129	~TorsionSISMA SLO Y	0.	0.	0.
106	106	124	~TorsionSISMA SLO Y	0.	0.	0.
107	107	124	G1_K	171.63	192.22	25.78
107	107	129	G1_K	136.66	132.42	73.23
107	107	130	G1_K	-192.09	-50.03	72.01
107	107	125	G1_K	-250.38	-50.18	24.56
107	107	124	G2_K	-83.86	-55.98	8.08
107	107	129	G2_K	-77.09	-34.74	-15.64
107	107	130	G2_K	-245.56	-69.23	-29.27
107	107	125	G2_K	-332.39	-77.48	-5.56
107	107	124	Q_K	109.42	122.91	16.88
107	107	129	Q_K	86.18	84.46	47.22
107	107	130	Q_K	-122.75	-33.2	46.69
107	107	125	Q_K	-160.34	-33.42	16.35
107	107	124	N_K	13.13	14.75	2.03
107	107	129	N_K	10.34	10.14	5.67
107	107	130	N_K	-14.73	-3.98	5.6
107	107	125	N_K	-19.24	-4.01	1.96
107	107	124	T+_K	0.	0.	0.
107	107	129	T+_K	0.	0.	0.
107	107	130	T+_K	0.	0.	0.
107	107	125	T+_K	0.	0.	0.
107	107	124	T-_K	0.	0.	0.
107	107	129	T-_K	0.	0.	0.
107	107	130	T-_K	0.	0.	0.
107	107	125	T-_K	0.	0.	0.
107	107	124	G1_D	223.12	249.89	33.51
107	107	129	G1_D	177.66	172.14	95.2
107	107	130	G1_D	-249.71	-65.04	93.62
107	107	125	G1_D	-325.49	-65.23	31.93
107	107	124	G2_D	-109.02	-72.78	10.5
107	107	129	G2_D	-100.21	-45.17	-20.34
107	107	130	G2_D	-319.22	-90.	-38.06
107	107	125	G2_D	-432.11	-100.72	-7.22
107	107	124	Q_D	164.12	184.37	25.33
107	107	129	Q_D	129.28	126.7	70.83
107	107	130	Q_D	-184.13	-49.8	70.03
107	107	125	Q_D	-240.51	-50.14	24.53
107	107	124	N_D	19.69	22.12	3.04
107	107	129	N_D	15.51	15.2	8.5

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
107	107	130	N_D	-22.1	-5.98	8.4
107	107	125	N_D	-28.86	-6.02	2.94
107	107	124	T+_D	0.	0.	0.
107	107	129	T+_D	0.	0.	0.
107	107	130	T+_D	0.	0.	0.
107	107	125	T+_D	0.	0.	0.
107	107	124	T-_D	0.	0.	0.
107	107	129	T-_D	0.	0.	0.
107	107	130	T-_D	0.	0.	0.
107	107	125	T-_D	0.	0.	0.
107	107	124	W+_K	0.	0.	0.
107	107	129	W+_K	0.	0.	0.
107	107	130	W+_K	0.	0.	0.
107	107	125	W+_K	0.	0.	0.
107	107	124	W-_K	0.	0.	0.
107	107	129	W-_K	0.	0.	0.
107	107	130	W-_K	0.	0.	0.
107	107	125	W-_K	0.	0.	0.
107	107	124	W+_D	0.	0.	0.
107	107	129	W+_D	0.	0.	0.
107	107	130	W+_D	0.	0.	0.
107	107	125	W+_D	0.	0.	0.
107	107	124	W-_D	0.	0.	0.
107	107	129	W-_D	0.	0.	0.
107	107	130	W-_D	0.	0.	0.
107	107	125	W-_D	0.	0.	0.
107	107	124	SISMA SLV X	19.34	24.16	12.35
107	107	129	SISMA SLV X	17.78	15.77	12.21
107	107	130	SISMA SLV X	33.14	27.16	11.57
107	107	125	SISMA SLV X	43.65	17.82	11.5
107	107	124	SISMA SLV Y	8.51	9.57	16.23
107	107	129	SISMA SLV Y	11.16	16.25	15.57
107	107	130	SISMA SLV Y	16.08	16.01	15.02
107	107	125	SISMA SLV Y	21.48	17.96	15.64
107	107	124	SISMA SLD X	9.44	11.8	6.03
107	107	129	SISMA SLD X	8.68	7.7	5.96
107	107	130	SISMA SLD X	16.19	13.27	5.65
107	107	125	SISMA SLD X	21.32	8.7	5.62
107	107	124	SISMA SLD Y	4.16	4.67	7.92
107	107	129	SISMA SLD Y	5.45	7.94	7.6
107	107	130	SISMA SLD Y	7.85	7.82	7.33
107	107	125	SISMA SLD Y	10.49	8.77	7.64
107	107	124	SISMA SLO X	7.82	9.78	5.
107	107	129	SISMA SLO X	7.19	6.38	4.94
107	107	130	SISMA SLO X	13.41	10.99	4.68
107	107	125	SISMA SLO X	17.66	7.21	4.65
107	107	124	SISMA SLO Y	3.44	3.87	6.56
107	107	129	SISMA SLO Y	4.51	6.57	6.3
107	107	130	SISMA SLO Y	6.5	6.48	6.07
107	107	125	SISMA SLO Y	8.69	7.26	6.33
107	107	124	SLT	0.	0.	0.
107	107	129	SLT	0.	0.	0.
107	107	130	SLT	0.	0.	0.
107	107	125	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
107	107	124	~TorsionSISMA SLV X	0.	0.	0.
107	107	129	~TorsionSISMA SLV X	0.	0.	0.
107	107	130	~TorsionSISMA SLV X	0.	0.	0.
107	107	125	~TorsionSISMA SLV X	0.	0.	0.
107	107	124	~TorsionSISMA SLV Y	0.	0.	0.
107	107	129	~TorsionSISMA SLV Y	0.	0.	0.
107	107	130	~TorsionSISMA SLV Y	0.	0.	0.
107	107	125	~TorsionSISMA SLV Y	0.	0.	0.
107	107	124	~TorsionSISMA SLD X	0.	0.	0.
107	107	129	~TorsionSISMA SLD X	0.	0.	0.
107	107	130	~TorsionSISMA SLD X	0.	0.	0.
107	107	125	~TorsionSISMA SLD X	0.	0.	0.
107	107	124	~TorsionSISMA SLD Y	0.	0.	0.
107	107	129	~TorsionSISMA SLD Y	0.	0.	0.
107	107	130	~TorsionSISMA SLD Y	0.	0.	0.
107	107	125	~TorsionSISMA SLD Y	0.	0.	0.
107	107	124	~TorsionSISMA SLO X	0.	0.	0.
107	107	129	~TorsionSISMA SLO X	0.	0.	0.
107	107	130	~TorsionSISMA SLO X	0.	0.	0.
107	107	125	~TorsionSISMA SLO X	0.	0.	0.
107	107	124	~TorsionSISMA SLO Y	0.	0.	0.
107	107	129	~TorsionSISMA SLO Y	0.	0.	0.
107	107	130	~TorsionSISMA SLO Y	0.	0.	0.
107	107	125	~TorsionSISMA SLO Y	0.	0.	0.
108	108	126	G1_K	-203.55	-57.88	-94.57
108	108	106	G1_K	44.12	59.08	-83.04
108	108	131	G1_K	-44.38	-195.19	-102.53
108	108	127	G1_K	132.49	131.	-114.06
108	108	126	G2_K	-8.42	-1.29	1.512E-02
108	108	106	G2_K	-17.76	10.96	-1.94
108	108	131	G2_K	-11.02	10.83	-4.82
108	108	127	G2_K	-2.04	1.39	-2.86
108	108	126	Q_K	-130.72	-37.67	-60.61
108	108	106	Q_K	27.38	37.21	-53.43
108	108	131	Q_K	-28.74	-125.12	-65.75

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
108	108	127	Q_K	84.66	83.45	-72.93
108	108	126	N_K	-15.69	-4.52	-7.27
108	108	106	N_K	3.29	4.47	-6.41
108	108	131	N_K	-3.45	-15.01	-7.89
108	108	127	N_K	10.16	10.01	-8.75
108	108	126	T+_K	0.	0.	0.
108	108	106	T+_K	0.	0.	0.
108	108	131	T+_K	0.	0.	0.
108	108	127	T+_K	0.	0.	0.
108	108	126	T-_K	0.	0.	0.
108	108	106	T-_K	0.	0.	0.
108	108	131	T-_K	0.	0.	0.
108	108	127	T-_K	0.	0.	0.
108	108	126	G1_D	-264.62	-75.25	-122.94
108	108	106	G1_D	57.36	76.8	-107.95
108	108	131	G1_D	-57.69	-253.75	-133.29
108	108	127	G1_D	172.23	170.3	-148.27
108	108	126	G2_D	-10.94	-1.68	1.965E-02
108	108	106	G2_D	-23.08	14.25	-2.53
108	108	131	G2_D	-14.32	14.08	-6.27
108	108	127	G2_D	-2.66	1.81	-3.72
108	108	126	Q_D	-196.08	-56.51	-90.92
108	108	106	Q_D	41.07	55.82	-80.15
108	108	131	Q_D	-43.11	-187.68	-98.63
108	108	127	Q_D	126.99	125.18	-109.4
108	108	126	N_D	-23.53	-6.78	-10.91
108	108	106	N_D	4.93	6.7	-9.62
108	108	131	N_D	-5.17	-22.52	-11.84
108	108	127	N_D	15.24	15.02	-13.13
108	108	126	T+_D	0.	0.	0.
108	108	106	T+_D	0.	0.	0.
108	108	131	T+_D	0.	0.	0.
108	108	127	T+_D	0.	0.	0.
108	108	126	T-_D	0.	0.	0.
108	108	106	T-_D	0.	0.	0.
108	108	131	T-_D	0.	0.	0.
108	108	127	T-_D	0.	0.	0.
108	108	126	W+_K	0.	0.	0.
108	108	106	W+_K	0.	0.	0.
108	108	131	W+_K	0.	0.	0.
108	108	127	W+_K	0.	0.	0.
108	108	126	W-_K	0.	0.	0.
108	108	106	W-_K	0.	0.	0.
108	108	131	W-_K	0.	0.	0.
108	108	127	W-_K	0.	0.	0.
108	108	126	W+_D	0.	0.	0.
108	108	106	W+_D	0.	0.	0.
108	108	131	W+_D	0.	0.	0.
108	108	127	W+_D	0.	0.	0.
108	108	126	W-_D	0.	0.	0.
108	108	106	W-_D	0.	0.	0.
108	108	131	W-_D	0.	0.	0.
108	108	127	W-_D	0.	0.	0.
108	108	126	SISMA SLV X	22.32	7.4	20.67

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
108	108	106	SISMA SLV X	6.58	20.08	19.37
108	108	131	SISMA SLV X	10.54	25.26	22.63
108	108	127	SISMA SLV X	18.16	16.82	23.86
108	108	126	SISMA SLV Y	14.54	5.17	15.85
108	108	106	SISMA SLV Y	8.27	9.27	12.01
108	108	131	SISMA SLV Y	17.42	21.12	13.52
108	108	127	SISMA SLV Y	9.47	11.03	17.17
108	108	126	SISMA SLD X	10.9	3.61	10.09
108	108	106	SISMA SLD X	3.22	9.81	9.46
108	108	131	SISMA SLD X	5.15	12.34	11.05
108	108	127	SISMA SLD X	8.87	8.21	11.65
108	108	126	SISMA SLD Y	7.1	2.52	7.74
108	108	106	SISMA SLD Y	4.04	4.53	5.87
108	108	131	SISMA SLD Y	8.51	10.32	6.6
108	108	127	SISMA SLD Y	4.63	5.38	8.39
108	108	126	SISMA SLO X	9.03	2.99	8.36
108	108	106	SISMA SLO X	2.66	8.13	7.84
108	108	131	SISMA SLO X	4.26	10.22	9.16
108	108	127	SISMA SLO X	7.35	6.8	9.65
108	108	126	SISMA SLO Y	5.88	2.09	6.41
108	108	106	SISMA SLO Y	3.35	3.75	4.86
108	108	131	SISMA SLO Y	7.04	8.54	5.47
108	108	127	SISMA SLO Y	3.83	4.45	6.95
108	108	126	SLT	0.	0.	0.
108	108	106	SLT	0.	0.	0.
108	108	131	SLT	0.	0.	0.
108	108	127	SLT	0.	0.	0.
108	108	126	~TorsionSISMA SLV X	0.	0.	0.
108	108	106	~TorsionSISMA SLV X	0.	0.	0.
108	108	131	~TorsionSISMA SLV X	0.	0.	0.
108	108	127	~TorsionSISMA SLV X	0.	0.	0.
108	108	126	~TorsionSISMA SLV Y	0.	0.	0.
108	108	106	~TorsionSISMA SLV Y	0.	0.	0.
108	108	131	~TorsionSISMA SLV Y	0.	0.	0.
108	108	127	~TorsionSISMA SLV Y	0.	0.	0.
108	108	126	~TorsionSISMA SLD X	0.	0.	0.
108	108	106	~TorsionSISMA SLD X	0.	0.	0.
108	108	131	~TorsionSISMA SLD X	0.	0.	0.
108	108	127	~TorsionSISMA SLD X	0.	0.	0.
108	108	126	~TorsionSISMA SLD Y	0.	0.	0.
108	108	106	~TorsionSISMA SLD Y	0.	0.	0.
108	108	131	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
108	108	127	~TorsionSISMA SLD Y	0.	0.	0.
108	108	126	~TorsionSISMA SLO X	0.	0.	0.
108	108	106	~TorsionSISMA SLO X	0.	0.	0.
108	108	131	~TorsionSISMA SLO X	0.	0.	0.
108	108	127	~TorsionSISMA SLO X	0.	0.	0.
108	108	126	~TorsionSISMA SLO Y	0.	0.	0.
108	108	106	~TorsionSISMA SLO Y	0.	0.	0.
108	108	131	~TorsionSISMA SLO Y	0.	0.	0.
108	108	127	~TorsionSISMA SLO Y	0.	0.	0.
109	109	127	G1_K	122.5	129.	-80.94
109	109	131	G1_K	-41.14	-194.54	-63.73
109	109	132	G1_K	-61.88	-326.64	-18.41
109	109	128	G1_K	141.34	191.43	-35.61
109	109	127	G2_K	-8.63	7.279E-02	-1.73
109	109	131	G2_K	-15.36	9.96	-5.51
109	109	132	G2_K	-19.07	30.24	-3.77
109	109	128	G2_K	-11.06	-3.88	5.252E-03
109	109	127	Q_K	78.17	82.15	-51.78
109	109	131	Q_K	-26.39	-124.65	-40.83
109	109	132	Q_K	-39.85	-209.35	-11.75
109	109	128	Q_K	90.01	122.22	-22.7
109	109	127	N_K	9.38	9.86	-6.21
109	109	131	N_K	-3.17	-14.96	-4.9
109	109	132	N_K	-4.78	-25.12	-1.41
109	109	128	N_K	10.8	14.67	-2.72
109	109	127	T+_K	0.	0.	0.
109	109	131	T+_K	0.	0.	0.
109	109	132	T+_K	0.	0.	0.
109	109	128	T+_K	0.	0.	0.
109	109	127	T-_K	0.	0.	0.
109	109	131	T-_K	0.	0.	0.
109	109	132	T-_K	0.	0.	0.
109	109	128	T-_K	0.	0.	0.
109	109	127	G1_D	159.24	167.7	-105.22
109	109	131	G1_D	-53.48	-252.91	-82.85
109	109	132	G1_D	-80.44	-424.63	-23.93
109	109	128	G1_D	183.74	248.86	-46.3
109	109	127	G2_D	-11.22	9.463E-02	-2.25
109	109	131	G2_D	-19.97	12.95	-7.17
109	109	132	G2_D	-24.79	39.31	-4.9
109	109	128	G2_D	-14.37	-5.05	6.827E-03
109	109	127	Q_D	117.26	123.23	-77.67
109	109	131	Q_D	-39.58	-186.97	-61.24
109	109	132	Q_D	-59.78	-314.02	-17.63
109	109	128	Q_D	135.02	183.32	-34.05
109	109	127	N_D	14.07	14.79	-9.32
109	109	131	N_D	-4.75	-22.44	-7.35

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
109	109	132	N_D	-7.17	-37.68	-2.12
109	109	128	N_D	16.2	22.	-4.09
109	109	127	T+_D	0.	0.	0.
109	109	131	T+_D	0.	0.	0.
109	109	132	T+_D	0.	0.	0.
109	109	128	T+_D	0.	0.	0.
109	109	127	T-_D	0.	0.	0.
109	109	131	T-_D	0.	0.	0.
109	109	132	T-_D	0.	0.	0.
109	109	128	T-_D	0.	0.	0.
109	109	127	W+_K	0.	0.	0.
109	109	131	W+_K	0.	0.	0.
109	109	132	W+_K	0.	0.	0.
109	109	128	W+_K	0.	0.	0.
109	109	127	W-_K	0.	0.	0.
109	109	131	W-_K	0.	0.	0.
109	109	132	W-_K	0.	0.	0.
109	109	128	W-_K	0.	0.	0.
109	109	127	W+_D	0.	0.	0.
109	109	131	W+_D	0.	0.	0.
109	109	132	W+_D	0.	0.	0.
109	109	128	W+_D	0.	0.	0.
109	109	127	W-_D	0.	0.	0.
109	109	131	W-_D	0.	0.	0.
109	109	132	W-_D	0.	0.	0.
109	109	128	W-_D	0.	0.	0.
109	109	127	SISMA SLV X	17.02	16.57	19.75
109	109	131	SISMA SLV X	11.94	25.12	16.06
109	109	132	SISMA SLV X	17.71	42.7	11.03
109	109	128	SISMA SLV X	20.48	23.7	14.39
109	109	127	SISMA SLV Y	11.58	11.39	11.93
109	109	131	SISMA SLV Y	24.31	22.23	8.65
109	109	132	SISMA SLV Y	20.15	24.94	5.16
109	109	128	SISMA SLV Y	14.77	19.3	6.87
109	109	127	SISMA SLD X	8.32	8.09	9.65
109	109	131	SISMA SLD X	5.83	12.27	7.84
109	109	132	SISMA SLD X	8.65	20.86	5.39
109	109	128	SISMA SLD X	10.	11.58	7.03
109	109	127	SISMA SLD Y	5.66	5.56	5.83
109	109	131	SISMA SLD Y	11.88	10.86	4.22
109	109	132	SISMA SLD Y	9.84	12.18	2.52
109	109	128	SISMA SLD Y	7.21	9.42	3.36
109	109	127	SISMA SLO X	6.89	6.7	7.99
109	109	131	SISMA SLO X	4.83	10.16	6.5
109	109	132	SISMA SLO X	7.16	17.28	4.46
109	109	128	SISMA SLO X	8.29	9.59	5.82
109	109	127	SISMA SLO Y	4.68	4.6	4.83
109	109	131	SISMA SLO Y	9.83	8.99	3.5
109	109	132	SISMA SLO Y	8.15	10.09	2.09
109	109	128	SISMA SLO Y	5.97	7.8	2.78
109	109	127	SLT	0.	0.	0.
109	109	131	SLT	0.	0.	0.
109	109	132	SLT	0.	0.	0.
109	109	128	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
109	109	127	~TorsionSISMA SLV X	0.	0.	0.
109	109	131	~TorsionSISMA SLV X	0.	0.	0.
109	109	132	~TorsionSISMA SLV X	0.	0.	0.
109	109	128	~TorsionSISMA SLV X	0.	0.	0.
109	109	127	~TorsionSISMA SLV Y	0.	0.	0.
109	109	131	~TorsionSISMA SLV Y	0.	0.	0.
109	109	132	~TorsionSISMA SLV Y	0.	0.	0.
109	109	128	~TorsionSISMA SLV Y	0.	0.	0.
109	109	127	~TorsionSISMA SLD X	0.	0.	0.
109	109	131	~TorsionSISMA SLD X	0.	0.	0.
109	109	132	~TorsionSISMA SLD X	0.	0.	0.
109	109	128	~TorsionSISMA SLD X	0.	0.	0.
109	109	127	~TorsionSISMA SLD Y	0.	0.	0.
109	109	131	~TorsionSISMA SLD Y	0.	0.	0.
109	109	132	~TorsionSISMA SLD Y	0.	0.	0.
109	109	128	~TorsionSISMA SLD Y	0.	0.	0.
109	109	127	~TorsionSISMA SLO X	0.	0.	0.
109	109	131	~TorsionSISMA SLO X	0.	0.	0.
109	109	132	~TorsionSISMA SLO X	0.	0.	0.
109	109	128	~TorsionSISMA SLO X	0.	0.	0.
109	109	127	~TorsionSISMA SLO Y	0.	0.	0.
109	109	131	~TorsionSISMA SLO Y	0.	0.	0.
109	109	132	~TorsionSISMA SLO Y	0.	0.	0.
109	109	128	~TorsionSISMA SLO Y	0.	0.	0.
110	110	128	G1_K	140.57	191.27	30.2
110	110	132	G1_K	-64.09	-327.08	16.
110	110	133	G1_K	-37.83	-195.65	64.4
110	110	129	G1_K	124.4	135.52	78.6
110	110	128	G2_K	-19.36	-5.54	5.26
110	110	132	G2_K	-16.17	30.82	-8.293E-02
110	110	133	G2_K	-2.6	98.53	-1.54
110	110	129	G2_K	-59.27	-45.63	3.81
110	110	128	Q_K	89.66	122.14	19.45
110	110	132	Q_K	-40.9	-209.56	10.28
110	110	133	Q_K	-24.27	-126.33	41.2

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
110	110	129	Q_K	78.7	86.14	50.36
110	110	128	N_K	10.76	14.66	2.33
110	110	132	N_K	-4.91	-25.15	1.23
110	110	133	N_K	-2.91	-15.16	4.94
110	110	129	N_K	9.44	10.34	6.04
110	110	128	T+_K	0.	0.	0.
110	110	132	T+_K	0.	0.	0.
110	110	133	T+_K	0.	0.	0.
110	110	129	T+_K	0.	0.	0.
110	110	128	T-_K	0.	0.	0.
110	110	132	T-_K	0.	0.	0.
110	110	133	T-_K	0.	0.	0.
110	110	129	T-_K	0.	0.	0.
110	110	128	G1_D	182.74	248.65	39.26
110	110	132	G1_D	-83.32	-425.21	20.8
110	110	133	G1_D	-49.18	-254.34	83.72
110	110	129	G1_D	161.72	176.18	102.18
110	110	128	G2_D	-25.17	-7.21	6.84
110	110	132	G2_D	-21.02	40.07	-0.11
110	110	133	G2_D	-3.38	128.09	-2.
110	110	129	G2_D	-77.06	-59.32	4.95
110	110	128	Q_D	134.48	183.22	29.17
110	110	132	Q_D	-61.35	-314.34	15.42
110	110	133	Q_D	-36.4	-189.5	61.8
110	110	129	Q_D	118.05	129.21	75.55
110	110	128	N_D	16.14	21.99	3.5
110	110	132	N_D	-7.36	-37.72	1.85
110	110	133	N_D	-4.37	-22.74	7.42
110	110	129	N_D	14.17	15.5	9.07
110	110	128	T+_D	0.	0.	0.
110	110	132	T+_D	0.	0.	0.
110	110	133	T+_D	0.	0.	0.
110	110	129	T+_D	0.	0.	0.
110	110	128	T-_D	0.	0.	0.
110	110	132	T-_D	0.	0.	0.
110	110	133	T-_D	0.	0.	0.
110	110	129	T-_D	0.	0.	0.
110	110	128	W+_K	0.	0.	0.
110	110	132	W+_K	0.	0.	0.
110	110	133	W+_K	0.	0.	0.
110	110	129	W+_K	0.	0.	0.
110	110	128	W-_K	0.	0.	0.
110	110	132	W-_K	0.	0.	0.
110	110	133	W-_K	0.	0.	0.
110	110	129	W-_K	0.	0.	0.
110	110	128	W+_D	0.	0.	0.
110	110	132	W+_D	0.	0.	0.
110	110	133	W+_D	0.	0.	0.
110	110	129	W+_D	0.	0.	0.
110	110	128	W-_D	0.	0.	0.
110	110	132	W-_D	0.	0.	0.
110	110	133	W-_D	0.	0.	0.
110	110	129	W-_D	0.	0.	0.
110	110	128	SISMA SLV X	19.8	23.53	7.69

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
110	110	132	SISMA SLV X	16.01	42.43	6.35
110	110	133	SISMA SLV X	12.3	21.59	9.09
110	110	129	SISMA SLV X	15.37	15.95	10.58
110	110	128	SISMA SLV Y	14.73	19.28	4.96
110	110	132	SISMA SLV Y	21.51	25.07	5.13
110	110	133	SISMA SLV Y	19.58	12.87	11.64
110	110	129	SISMA SLV Y	15.88	12.32	11.3
110	110	128	SISMA SLD X	9.67	11.5	3.76
110	110	132	SISMA SLD X	7.82	20.73	3.1
110	110	133	SISMA SLD X	6.01	10.55	4.44
110	110	129	SISMA SLD X	7.5	7.79	5.17
110	110	128	SISMA SLD Y	7.2	9.42	2.42
110	110	132	SISMA SLD Y	10.51	12.24	2.5
110	110	133	SISMA SLD Y	9.56	6.28	5.68
110	110	129	SISMA SLD Y	7.76	6.02	5.52
110	110	128	SISMA SLO X	8.01	9.52	3.11
110	110	132	SISMA SLO X	6.48	17.17	2.57
110	110	133	SISMA SLO X	4.98	8.73	3.68
110	110	129	SISMA SLO X	6.21	6.45	4.28
110	110	128	SISMA SLO Y	5.96	7.79	2.
110	110	132	SISMA SLO Y	8.7	10.14	2.07
110	110	133	SISMA SLO Y	7.92	5.2	4.71
110	110	129	SISMA SLO Y	6.42	4.97	4.57
110	110	128	SLT	0.	0.	0.
110	110	132	SLT	0.	0.	0.
110	110	133	SLT	0.	0.	0.
110	110	129	SLT	0.	0.	0.
110	110	128	~TorsionSISMA SLV X	0.	0.	0.
110	110	132	~TorsionSISMA SLV X	0.	0.	0.
110	110	133	~TorsionSISMA SLV X	0.	0.	0.
110	110	129	~TorsionSISMA SLV X	0.	0.	0.
110	110	128	~TorsionSISMA SLV Y	0.	0.	0.
110	110	132	~TorsionSISMA SLV Y	0.	0.	0.
110	110	133	~TorsionSISMA SLV Y	0.	0.	0.
110	110	129	~TorsionSISMA SLV Y	0.	0.	0.
110	110	128	~TorsionSISMA SLD X	0.	0.	0.
110	110	132	~TorsionSISMA SLD X	0.	0.	0.
110	110	133	~TorsionSISMA SLD X	0.	0.	0.
110	110	129	~TorsionSISMA SLD X	0.	0.	0.
110	110	128	~TorsionSISMA SLD Y	0.	0.	0.
110	110	132	~TorsionSISMA SLD Y	0.	0.	0.
110	110	133	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
110	110	129	~TorsionSISMA SLD Y	0.	0.	0.
110	110	128	~TorsionSISMA SLO X	0.	0.	0.
110	110	132	~TorsionSISMA SLO X	0.	0.	0.
110	110	133	~TorsionSISMA SLO X	0.	0.	0.
110	110	129	~TorsionSISMA SLO X	0.	0.	0.
110	110	128	~TorsionSISMA SLO Y	0.	0.	0.
110	110	132	~TorsionSISMA SLO Y	0.	0.	0.
110	110	133	~TorsionSISMA SLO Y	0.	0.	0.
110	110	129	~TorsionSISMA SLO Y	0.	0.	0.
111	111	129	G1_K	137.82	138.21	118.75
111	111	133	G1_K	-60.73	-200.23	95.11
111	111	105	G1_K	84.41	96.16	73.91
111	111	130	G1_K	-195.1	-65.08	97.55
111	111	129	G2_K	-80.1	-49.8	-24.08
111	111	133	G2_K	44.9	108.03	-20.82
111	111	105	G2_K	-148.11	-32.68	-37.29
111	111	130	G2_K	-240.48	-43.87	-40.54
111	111	129	Q_K	86.85	87.77	75.91
111	111	133	Q_K	-37.12	-128.91	60.5
111	111	105	Q_K	49.12	58.79	47.92
111	111	130	Q_K	-124.4	-41.43	63.33
111	111	129	N_K	10.42	10.53	9.11
111	111	133	N_K	-4.45	-15.47	7.26
111	111	105	N_K	5.89	7.06	5.75
111	111	130	N_K	-14.93	-4.97	7.6
111	111	129	T+_K	0.	0.	0.
111	111	133	T+_K	0.	0.	0.
111	111	105	T+_K	0.	0.	0.
111	111	130	T+_K	0.	0.	0.
111	111	129	T-_K	0.	0.	0.
111	111	133	T-_K	0.	0.	0.
111	111	105	T-_K	0.	0.	0.
111	111	130	T-_K	0.	0.	0.
111	111	129	G1_D	179.17	179.67	154.37
111	111	133	G1_D	-78.95	-260.29	123.64
111	111	105	G1_D	109.74	125.01	96.09
111	111	130	G1_D	-253.63	-84.6	126.82
111	111	129	G2_D	-104.13	-64.74	-31.3
111	111	133	G2_D	58.37	140.44	-27.07
111	111	105	G2_D	-192.55	-42.48	-48.47
111	111	130	G2_D	-312.63	-57.03	-52.7
111	111	129	Q_D	130.27	131.65	113.86
111	111	133	Q_D	-55.69	-193.36	90.74
111	111	105	Q_D	73.68	88.19	71.88
111	111	130	Q_D	-186.6	-62.14	95.
111	111	129	N_D	15.63	15.8	13.66
111	111	133	N_D	-6.68	-23.2	10.89

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
111	111	105	N_D	8.84	10.58	8.63
111	111	130	N_D	-22.39	-7.46	11.4
111	111	129	T+_D	0.	0.	0.
111	111	133	T+_D	0.	0.	0.
111	111	105	T+_D	0.	0.	0.
111	111	130	T+_D	0.	0.	0.
111	111	129	T-_D	0.	0.	0.
111	111	133	T-_D	0.	0.	0.
111	111	105	T-_D	0.	0.	0.
111	111	130	T-_D	0.	0.	0.
111	111	129	W+_K	0.	0.	0.
111	111	133	W+_K	0.	0.	0.
111	111	105	W+_K	0.	0.	0.
111	111	130	W+_K	0.	0.	0.
111	111	129	W-_K	0.	0.	0.
111	111	133	W-_K	0.	0.	0.
111	111	105	W-_K	0.	0.	0.
111	111	130	W-_K	0.	0.	0.
111	111	129	W+_D	0.	0.	0.
111	111	133	W+_D	0.	0.	0.
111	111	105	W+_D	0.	0.	0.
111	111	130	W+_D	0.	0.	0.
111	111	129	W-_D	0.	0.	0.
111	111	133	W-_D	0.	0.	0.
111	111	105	W-_D	0.	0.	0.
111	111	130	W-_D	0.	0.	0.
111	111	129	SISMA SLV X	18.08	16.46	15.18
111	111	133	SISMA SLV X	11.33	21.31	11.92
111	111	105	SISMA SLV X	24.55	11.43	9.78
111	111	130	SISMA SLV X	30.62	11.94	13.86
111	111	129	SISMA SLV Y	10.28	11.51	19.05
111	111	133	SISMA SLV Y	20.4	12.82	13.1
111	111	105	SISMA SLV Y	14.18	8.97	11.64
111	111	130	SISMA SLV Y	14.17	8.16	17.72
111	111	129	SISMA SLD X	8.83	8.04	7.41
111	111	133	SISMA SLD X	5.53	10.41	5.82
111	111	105	SISMA SLD X	11.99	5.59	4.78
111	111	130	SISMA SLD X	14.95	5.83	6.77
111	111	129	SISMA SLD Y	5.02	5.62	9.31
111	111	133	SISMA SLD Y	9.97	6.26	6.4
111	111	105	SISMA SLD Y	6.92	4.38	5.68
111	111	130	SISMA SLD Y	6.92	3.99	8.66
111	111	129	SISMA SLO X	7.31	6.65	6.14
111	111	133	SISMA SLO X	4.58	8.62	4.82
111	111	105	SISMA SLO X	9.94	4.63	3.96
111	111	130	SISMA SLO X	12.39	4.83	5.61
111	111	129	SISMA SLO Y	4.16	4.64	7.71
111	111	133	SISMA SLO Y	8.25	5.18	5.3
111	111	105	SISMA SLO Y	5.73	3.63	4.71
111	111	130	SISMA SLO Y	5.73	3.3	7.17
111	111	129	SLT	0.	0.	0.
111	111	133	SLT	0.	0.	0.
111	111	105	SLT	0.	0.	0.
111	111	130	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
111	111	129	~TorsionSISMA SLV X	0.	0.	0.
111	111	133	~TorsionSISMA SLV X	0.	0.	0.
111	111	105	~TorsionSISMA SLV X	0.	0.	0.
111	111	130	~TorsionSISMA SLV X	0.	0.	0.
111	111	129	~TorsionSISMA SLV Y	0.	0.	0.
111	111	133	~TorsionSISMA SLV Y	0.	0.	0.
111	111	105	~TorsionSISMA SLV Y	0.	0.	0.
111	111	130	~TorsionSISMA SLV Y	0.	0.	0.
111	111	129	~TorsionSISMA SLD X	0.	0.	0.
111	111	133	~TorsionSISMA SLD X	0.	0.	0.
111	111	105	~TorsionSISMA SLD X	0.	0.	0.
111	111	130	~TorsionSISMA SLD X	0.	0.	0.
111	111	129	~TorsionSISMA SLD Y	0.	0.	0.
111	111	133	~TorsionSISMA SLD Y	0.	0.	0.
111	111	105	~TorsionSISMA SLD Y	0.	0.	0.
111	111	130	~TorsionSISMA SLD Y	0.	0.	0.
111	111	129	~TorsionSISMA SLO X	0.	0.	0.
111	111	133	~TorsionSISMA SLO X	0.	0.	0.
111	111	105	~TorsionSISMA SLO X	0.	0.	0.
111	111	130	~TorsionSISMA SLO X	0.	0.	0.
111	111	129	~TorsionSISMA SLO Y	0.	0.	0.
111	111	133	~TorsionSISMA SLO Y	0.	0.	0.
111	111	105	~TorsionSISMA SLO Y	0.	0.	0.
111	111	130	~TorsionSISMA SLO Y	0.	0.	0.
112	112	172	G1_K	-10.48	-55.32	-1.52
112	112	175	G1_K	-11.84	-56.28	-2.291E-02
112	112	56	G1_K	-11.48	-77.99	-1.74
112	112	53	G1_K	-10.06	-77.22	-3.24
112	112	172	G2_K	-176.97	-828.58	-39.29
112	112	175	G2_K	-172.82	-920.36	32.86
112	112	56	G2_K	36.17	-123.72	-15.01
112	112	53	G2_K	31.97	-35.62	-87.16
112	112	172	Q_K	1.89	7.38	0.27
112	112	175	Q_K	1.07	7.43	-0.21
112	112	56	Q_K	-0.75	-5.46	-0.59

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
112	112	53	Q_K	0.1	-5.58	-0.12
112	112	172	N_K	0.23	0.89	3.242E-02
112	112	175	N_K	0.13	0.89	-2.483E-02
112	112	56	N_K	-9.056E-02	-0.65	-7.132E-02
112	112	53	N_K	1.203E-02	-0.67	-1.407E-02
112	112	172	T+_K	0.	0.	0.
112	112	175	T+_K	0.	0.	0.
112	112	56	T+_K	0.	0.	0.
112	112	53	T+_K	0.	0.	0.
112	112	172	T-_K	0.	0.	0.
112	112	175	T-_K	0.	0.	0.
112	112	56	T-_K	0.	0.	0.
112	112	53	T-_K	0.	0.	0.
112	112	172	G1_D	-13.63	-71.92	-1.98
112	112	175	G1_D	-15.39	-73.16	-2.979E-02
112	112	56	G1_D	-14.93	-101.38	-2.27
112	112	53	G1_D	-13.08	-100.39	-4.21
112	112	172	G2_D	-230.06	-1077.16	-51.08
112	112	175	G2_D	-224.66	-1196.47	42.71
112	112	56	G2_D	47.02	-160.84	-19.52
112	112	53	G2_D	41.56	-46.3	-113.31
112	112	172	Q_D	2.84	11.07	0.41
112	112	175	Q_D	1.61	11.15	-0.31
112	112	56	Q_D	-1.13	-8.18	-0.89
112	112	53	Q_D	0.15	-8.37	-0.18
112	112	172	N_D	0.34	1.33	4.863E-02
112	112	175	N_D	0.19	1.34	-3.724E-02
112	112	56	N_D	-0.14	-0.98	-0.11
112	112	53	N_D	1.805E-02	-1.	-2.110E-02
112	112	172	T+_D	0.	0.	0.
112	112	175	T+_D	0.	0.	0.
112	112	56	T+_D	0.	0.	0.
112	112	53	T+_D	0.	0.	0.
112	112	172	T-_D	0.	0.	0.
112	112	175	T-_D	0.	0.	0.
112	112	56	T-_D	0.	0.	0.
112	112	53	T-_D	0.	0.	0.
112	112	172	W+_K	0.	0.	0.
112	112	175	W+_K	0.	0.	0.
112	112	56	W+_K	0.	0.	0.
112	112	53	W+_K	0.	0.	0.
112	112	172	W-_K	0.	0.	0.
112	112	175	W-_K	0.	0.	0.
112	112	56	W-_K	0.	0.	0.
112	112	53	W-_K	0.	0.	0.
112	112	172	W+_D	0.	0.	0.
112	112	175	W+_D	0.	0.	0.
112	112	56	W+_D	0.	0.	0.
112	112	53	W+_D	0.	0.	0.
112	112	172	W-_D	0.	0.	0.
112	112	175	W-_D	0.	0.	0.
112	112	56	W-_D	0.	0.	0.
112	112	53	W-_D	0.	0.	0.
112	112	172	SISMA SLV X	15.04	75.2	11.85

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
112	112	175	SISMA SLV X	13.61	68.25	7.44
112	112	56	SISMA SLV X	2.52	19.96	13.96
112	112	53	SISMA SLV X	2.16	27.41	18.28
112	112	172	SISMA SLV Y	6.69	34.31	15.94
112	112	175	SISMA SLV Y	6.16	32.26	15.81
112	112	56	SISMA SLV Y	1.88	9.81	28.43
112	112	53	SISMA SLV Y	3.77	19.93	28.52
112	112	172	SISMA SLD X	7.34	36.73	5.79
112	112	175	SISMA SLD X	6.65	33.33	3.63
112	112	56	SISMA SLD X	1.23	9.75	6.82
112	112	53	SISMA SLD X	1.05	13.39	8.93
112	112	172	SISMA SLD Y	3.27	16.76	7.79
112	112	175	SISMA SLD Y	3.01	15.75	7.72
112	112	56	SISMA SLD Y	0.92	4.79	13.88
112	112	53	SISMA SLD Y	1.84	9.73	13.93
112	112	172	SISMA SLO X	6.08	30.43	4.8
112	112	175	SISMA SLO X	5.51	27.61	3.01
112	112	56	SISMA SLO X	1.02	8.07	5.65
112	112	53	SISMA SLO X	0.87	11.09	7.4
112	112	172	SISMA SLO Y	2.71	13.88	6.45
112	112	175	SISMA SLO Y	2.49	13.05	6.39
112	112	56	SISMA SLO Y	0.76	3.96	11.5
112	112	53	SISMA SLO Y	1.52	8.06	11.53
112	112	172	SLT	0.	0.	0.
112	112	175	SLT	0.	0.	0.
112	112	56	SLT	0.	0.	0.
112	112	53	SLT	0.	0.	0.
112	112	172	~TorsionSISMA SLV X	0.	0.	0.
112	112	175	~TorsionSISMA SLV X	0.	0.	0.
112	112	56	~TorsionSISMA SLV X	0.	0.	0.
112	112	53	~TorsionSISMA SLV X	0.	0.	0.
112	112	172	~TorsionSISMA SLV Y	0.	0.	0.
112	112	175	~TorsionSISMA SLV Y	0.	0.	0.
112	112	56	~TorsionSISMA SLV Y	0.	0.	0.
112	112	53	~TorsionSISMA SLV Y	0.	0.	0.
112	112	172	~TorsionSISMA SLD X	0.	0.	0.
112	112	175	~TorsionSISMA SLD X	0.	0.	0.
112	112	56	~TorsionSISMA SLD X	0.	0.	0.
112	112	53	~TorsionSISMA SLD X	0.	0.	0.
112	112	172	~TorsionSISMA SLD Y	0.	0.	0.
112	112	175	~TorsionSISMA SLD Y	0.	0.	0.
112	112	56	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
112	112	53	~TorsionSISMA SLD Y	0.	0.	0.
112	112	172	~TorsionSISMA SLO X	0.	0.	0.
112	112	175	~TorsionSISMA SLO X	0.	0.	0.
112	112	56	~TorsionSISMA SLO X	0.	0.	0.
112	112	53	~TorsionSISMA SLO X	0.	0.	0.
112	112	172	~TorsionSISMA SLO Y	0.	0.	0.
112	112	175	~TorsionSISMA SLO Y	0.	0.	0.
112	112	56	~TorsionSISMA SLO Y	0.	0.	0.
112	112	53	~TorsionSISMA SLO Y	0.	0.	0.
113	113	53	G1_K	-6.51	-66.42	2.13
113	113	56	G1_K	-8.81	-57.69	-6.73
113	113	176	G1_K	-11.09	-79.68	-4.42
113	113	173	G1_K	-8.71	-88.77	4.44
113	113	53	G2_K	11.14	-78.29	-109.81
113	113	56	G2_K	64.15	-45.3	10.3
113	113	176	G2_K	207.3	340.11	26.22
113	113	173	G2_K	154.1	306.01	-93.89
113	113	53	Q_K	1.29	-4.07	2.75
113	113	56	Q_K	-0.82	-1.32	-3.91
113	113	176	Q_K	-4.36	-14.6	-2.79
113	113	173	Q_K	-2.19	-17.62	3.86
113	113	53	N_K	0.15	-0.49	0.33
113	113	56	N_K	-9.796E-02	-0.16	-0.47
113	113	176	N_K	-0.52	-1.75	-0.34
113	113	173	N_K	-0.26	-2.11	0.46
113	113	53	T+_K	0.	0.	0.
113	113	56	T+_K	0.	0.	0.
113	113	176	T+_K	0.	0.	0.
113	113	173	T+_K	0.	0.	0.
113	113	53	T-_K	0.	0.	0.
113	113	56	T-_K	0.	0.	0.
113	113	176	T-_K	0.	0.	0.
113	113	173	T-_K	0.	0.	0.
113	113	53	G1_D	-8.47	-86.34	2.77
113	113	56	G1_D	-11.45	-74.99	-8.75
113	113	176	G1_D	-14.41	-103.58	-5.75
113	113	173	G1_D	-11.32	-115.4	5.77
113	113	53	G2_D	14.48	-101.78	-142.75
113	113	56	G2_D	83.39	-58.89	13.4
113	113	176	G2_D	269.5	442.15	34.08
113	113	173	G2_D	200.33	397.82	-122.06
113	113	53	Q_D	1.94	-6.11	4.12
113	113	56	Q_D	-1.22	-1.98	-5.86
113	113	176	Q_D	-6.54	-21.9	-4.19
113	113	173	Q_D	-3.29	-26.43	5.8
113	113	53	N_D	0.23	-0.73	0.49
113	113	56	N_D	-0.15	-0.24	-0.7

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
113	113	176	N_D	-0.78	-2.63	-0.5
113	113	173	N_D	-0.39	-3.17	0.7
113	113	53	T+_D	0.	0.	0.
113	113	56	T+_D	0.	0.	0.
113	113	176	T+_D	0.	0.	0.
113	113	173	T+_D	0.	0.	0.
113	113	53	T-_D	0.	0.	0.
113	113	56	T-_D	0.	0.	0.
113	113	176	T-_D	0.	0.	0.
113	113	173	T-_D	0.	0.	0.
113	113	53	W+_K	0.	0.	0.
113	113	56	W+_K	0.	0.	0.
113	113	176	W+_K	0.	0.	0.
113	113	173	W+_K	0.	0.	0.
113	113	53	W-_K	0.	0.	0.
113	113	56	W-_K	0.	0.	0.
113	113	176	W-_K	0.	0.	0.
113	113	173	W-_K	0.	0.	0.
113	113	53	W+_D	0.	0.	0.
113	113	56	W+_D	0.	0.	0.
113	113	176	W+_D	0.	0.	0.
113	113	173	W+_D	0.	0.	0.
113	113	53	W-_D	0.	0.	0.
113	113	56	W-_D	0.	0.	0.
113	113	176	W-_D	0.	0.	0.
113	113	173	W-_D	0.	0.	0.
113	113	53	SISMA SLV X	2.21	31.44	16.91
113	113	56	SISMA SLV X	2.41	28.42	11.53
113	113	176	SISMA SLV X	13.58	17.08	10.49
113	113	173	SISMA SLV X	12.48	17.09	15.61
113	113	53	SISMA SLV Y	2.16	20.11	24.01
113	113	56	SISMA SLV Y	3.8	12.49	24.95
113	113	176	SISMA SLV Y	6.77	8.8	23.18
113	113	173	SISMA SLV Y	5.65	21.54	22.2
113	113	53	SISMA SLD X	1.08	15.36	8.26
113	113	56	SISMA SLD X	1.18	13.88	5.63
113	113	176	SISMA SLD X	6.63	8.34	5.12
113	113	173	SISMA SLD X	6.1	8.35	7.62
113	113	53	SISMA SLD Y	1.05	9.82	11.73
113	113	56	SISMA SLD Y	1.86	6.1	12.19
113	113	176	SISMA SLD Y	3.3	4.3	11.32
113	113	173	SISMA SLD Y	2.76	10.52	10.84
113	113	53	SISMA SLO X	0.89	12.72	6.84
113	113	56	SISMA SLO X	0.97	11.5	4.66
113	113	176	SISMA SLO X	5.49	6.91	4.24
113	113	173	SISMA SLO X	5.05	6.91	6.32
113	113	53	SISMA SLO Y	0.87	8.13	9.71
113	113	56	SISMA SLO Y	1.54	5.05	10.09
113	113	176	SISMA SLO Y	2.74	3.56	9.38
113	113	173	SISMA SLO Y	2.29	8.71	8.98
113	113	53	SLT	0.	0.	0.
113	113	56	SLT	0.	0.	0.
113	113	176	SLT	0.	0.	0.
113	113	173	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
113	113	53	~TorsionSISMA SLV X	0.	0.	0.
113	113	56	~TorsionSISMA SLV X	0.	0.	0.
113	113	176	~TorsionSISMA SLV X	0.	0.	0.
113	113	173	~TorsionSISMA SLV X	0.	0.	0.
113	113	53	~TorsionSISMA SLV Y	0.	0.	0.
113	113	56	~TorsionSISMA SLV Y	0.	0.	0.
113	113	176	~TorsionSISMA SLV Y	0.	0.	0.
113	113	173	~TorsionSISMA SLV Y	0.	0.	0.
113	113	53	~TorsionSISMA SLD X	0.	0.	0.
113	113	56	~TorsionSISMA SLD X	0.	0.	0.
113	113	176	~TorsionSISMA SLD X	0.	0.	0.
113	113	173	~TorsionSISMA SLD X	0.	0.	0.
113	113	53	~TorsionSISMA SLD Y	0.	0.	0.
113	113	56	~TorsionSISMA SLD Y	0.	0.	0.
113	113	176	~TorsionSISMA SLD Y	0.	0.	0.
113	113	173	~TorsionSISMA SLD Y	0.	0.	0.
113	113	53	~TorsionSISMA SLO X	0.	0.	0.
113	113	56	~TorsionSISMA SLO X	0.	0.	0.
113	113	176	~TorsionSISMA SLO X	0.	0.	0.
113	113	173	~TorsionSISMA SLO X	0.	0.	0.
113	113	53	~TorsionSISMA SLO Y	0.	0.	0.
113	113	56	~TorsionSISMA SLO Y	0.	0.	0.
113	113	176	~TorsionSISMA SLO Y	0.	0.	0.
113	113	173	~TorsionSISMA SLO Y	0.	0.	0.
114	114	173	G1_K	-3.04	-66.62	4.35
114	114	176	G1_K	-9.41	-65.1	-3.77
114	114	57	G1_K	-15.6	-90.87	0.55
114	114	54	G1_K	-9.2	-92.37	8.67
114	114	173	G2_K	136.03	248.14	-67.52
114	114	176	G2_K	212.47	333.46	-3.55
114	114	57	G2_K	262.	422.02	20.15
114	114	54	G2_K	185.38	337.29	-43.82
114	114	173	Q_K	-0.29	-12.28	2.77
114	114	176	Q_K	-4.68	-12.03	-2.1
114	114	57	Q_K	-8.76	-27.71	4.164E-02

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
114	114	54	Q_K	-4.35	-27.94	4.91
114	114	173	N_K	-3.527E-02	-1.47	0.33
114	114	176	N_K	-0.56	-1.44	-0.25
114	114	57	N_K	-1.05	-3.32	4.997E-03
114	114	54	N_K	-0.52	-3.35	0.59
114	114	173	T+_K	0.	0.	0.
114	114	176	T+_K	0.	0.	0.
114	114	57	T+_K	0.	0.	0.
114	114	54	T+_K	0.	0.	0.
114	114	173	T-_K	0.	0.	0.
114	114	176	T-_K	0.	0.	0.
114	114	57	T-_K	0.	0.	0.
114	114	54	T-_K	0.	0.	0.
114	114	173	G1_D	-3.95	-86.61	5.65
114	114	176	G1_D	-12.23	-84.63	-4.9
114	114	57	G1_D	-20.28	-118.13	0.71
114	114	54	G1_D	-11.96	-120.08	11.26
114	114	173	G2_D	176.84	322.59	-87.78
114	114	176	G2_D	276.22	433.49	-4.62
114	114	57	G2_D	340.6	548.62	26.19
114	114	54	G2_D	240.99	438.47	-56.96
114	114	173	Q_D	-0.44	-18.42	4.15
114	114	176	Q_D	-7.02	-18.05	-3.15
114	114	57	Q_D	-13.13	-41.56	6.246E-02
114	114	54	Q_D	-6.52	-41.91	7.36
114	114	173	N_D	-5.291E-02	-2.21	0.5
114	114	176	N_D	-0.84	-2.17	-0.38
114	114	57	N_D	-1.58	-4.99	7.496E-03
114	114	54	N_D	-0.78	-5.03	0.88
114	114	173	T+_D	0.	0.	0.
114	114	176	T+_D	0.	0.	0.
114	114	57	T+_D	0.	0.	0.
114	114	54	T+_D	0.	0.	0.
114	114	173	T-_D	0.	0.	0.
114	114	176	T-_D	0.	0.	0.
114	114	57	T-_D	0.	0.	0.
114	114	54	T-_D	0.	0.	0.
114	114	173	W+_K	0.	0.	0.
114	114	176	W+_K	0.	0.	0.
114	114	57	W+_K	0.	0.	0.
114	114	54	W+_K	0.	0.	0.
114	114	173	W-_K	0.	0.	0.
114	114	176	W-_K	0.	0.	0.
114	114	57	W-_K	0.	0.	0.
114	114	54	W-_K	0.	0.	0.
114	114	173	W+_D	0.	0.	0.
114	114	176	W+_D	0.	0.	0.
114	114	57	W+_D	0.	0.	0.
114	114	54	W+_D	0.	0.	0.
114	114	173	W-_D	0.	0.	0.
114	114	176	W-_D	0.	0.	0.
114	114	57	W-_D	0.	0.	0.
114	114	54	W-_D	0.	0.	0.
114	114	173	SISMA SLV X	10.72	9.88	15.68

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
114	114	176	SISMA SLV X	12.4	11.01	11.62
114	114	57	SISMA SLV X	19.74	40.43	12.33
114	114	54	SISMA SLV X	18.08	36.25	16.75
114	114	173	SISMA SLV Y	4.77	17.73	21.81
114	114	176	SISMA SLV Y	7.2	7.5	24.85
114	114	57	SISMA SLV Y	9.95	19.76	25.49
114	114	54	SISMA SLV Y	8.02	25.87	22.51
114	114	173	SISMA SLD X	5.24	4.82	7.66
114	114	176	SISMA SLD X	6.06	5.38	5.67
114	114	57	SISMA SLD X	9.64	19.74	6.02
114	114	54	SISMA SLD X	8.83	17.71	8.18
114	114	173	SISMA SLD Y	2.33	8.66	10.65
114	114	176	SISMA SLD Y	3.52	3.66	12.13
114	114	57	SISMA SLD Y	4.86	9.65	12.45
114	114	54	SISMA SLD Y	3.92	12.63	10.99
114	114	173	SISMA SLO X	4.34	3.99	6.34
114	114	176	SISMA SLO X	5.02	4.45	4.7
114	114	57	SISMA SLO X	7.99	16.36	4.99
114	114	54	SISMA SLO X	7.32	14.67	6.78
114	114	173	SISMA SLO Y	1.93	7.17	8.82
114	114	176	SISMA SLO Y	2.91	3.03	10.05
114	114	57	SISMA SLO Y	4.03	7.99	10.31
114	114	54	SISMA SLO Y	3.24	10.46	9.11
114	114	173	SLT	0.	0.	0.
114	114	176	SLT	0.	0.	0.
114	114	57	SLT	0.	0.	0.
114	114	54	SLT	0.	0.	0.
114	114	173	~TorsionSISMA SLV X	0.	0.	0.
114	114	176	~TorsionSISMA SLV X	0.	0.	0.
114	114	57	~TorsionSISMA SLV X	0.	0.	0.
114	114	54	~TorsionSISMA SLV X	0.	0.	0.
114	114	173	~TorsionSISMA SLV Y	0.	0.	0.
114	114	176	~TorsionSISMA SLV Y	0.	0.	0.
114	114	57	~TorsionSISMA SLV Y	0.	0.	0.
114	114	54	~TorsionSISMA SLV Y	0.	0.	0.
114	114	173	~TorsionSISMA SLD X	0.	0.	0.
114	114	176	~TorsionSISMA SLD X	0.	0.	0.
114	114	57	~TorsionSISMA SLD X	0.	0.	0.
114	114	54	~TorsionSISMA SLD X	0.	0.	0.
114	114	173	~TorsionSISMA SLD Y	0.	0.	0.
114	114	176	~TorsionSISMA SLD Y	0.	0.	0.
114	114	57	~TorsionSISMA SLD Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
114	114	54	~TorsionSISMA SLD Y	0.	0.	0.
114	114	173	~TorsionSISMA SLO X	0.	0.	0.
114	114	176	~TorsionSISMA SLO X	0.	0.	0.
114	114	57	~TorsionSISMA SLO X	0.	0.	0.
114	114	54	~TorsionSISMA SLO X	0.	0.	0.
114	114	173	~TorsionSISMA SLO Y	0.	0.	0.
114	114	176	~TorsionSISMA SLO Y	0.	0.	0.
114	114	57	~TorsionSISMA SLO Y	0.	0.	0.
114	114	54	~TorsionSISMA SLO Y	0.	0.	0.
115	115	54	G1_K	-3.58	-68.96	13.35
115	115	57	G1_K	-13.67	-76.6	-5.17
115	115	177	G1_K	-32.32	-110.	-3.4
115	115	174	G1_K	-22.19	-102.44	15.12
115	115	54	G2_K	185.55	333.22	-1.2
115	115	57	G2_K	261.06	422.28	-23.5
115	115	177	G2_K	224.99	299.81	6.03
115	115	174	G2_K	149.68	210.45	28.33
115	115	54	Q_K	-2.61	-22.38	7.73
115	115	57	Q_K	-9.29	-27.24	-3.56
115	115	177	Q_K	-20.06	-47.82	-2.33
115	115	174	Q_K	-13.35	-43.	8.95
115	115	54	N_K	-0.31	-2.69	0.93
115	115	57	N_K	-1.11	-3.27	-0.43
115	115	177	N_K	-2.41	-5.74	-0.28
115	115	174	N_K	-1.6	-5.16	1.07
115	115	54	T+_K	0.	0.	0.
115	115	57	T+_K	0.	0.	0.
115	115	177	T+_K	0.	0.	0.
115	115	174	T+_K	0.	0.	0.
115	115	54	T-_K	0.	0.	0.
115	115	57	T-_K	0.	0.	0.
115	115	177	T-_K	0.	0.	0.
115	115	174	T-_K	0.	0.	0.
115	115	54	G1_D	-4.66	-89.65	17.36
115	115	57	G1_D	-17.78	-99.58	-6.72
115	115	177	G1_D	-42.01	-143.01	-4.41
115	115	174	G1_D	-28.85	-133.18	19.66
115	115	54	G2_D	241.22	433.18	-1.56
115	115	57	G2_D	339.38	548.96	-30.55
115	115	177	G2_D	292.49	389.75	7.84
115	115	174	G2_D	194.58	273.58	36.83
115	115	54	Q_D	-3.91	-33.57	11.59
115	115	57	Q_D	-13.94	-40.87	-5.33
115	115	177	Q_D	-30.08	-71.73	-3.5
115	115	174	Q_D	-20.03	-64.5	13.43
115	115	54	N_D	-0.47	-4.03	1.39
115	115	57	N_D	-1.67	-4.9	-0.64

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
115	115	177	N_D	-3.61	-8.61	-0.42
115	115	174	N_D	-2.4	-7.74	1.61
115	115	54	T+_D	0.	0.	0.
115	115	57	T+_D	0.	0.	0.
115	115	177	T+_D	0.	0.	0.
115	115	174	T+_D	0.	0.	0.
115	115	54	T-_D	0.	0.	0.
115	115	57	T-_D	0.	0.	0.
115	115	177	T-_D	0.	0.	0.
115	115	174	T-_D	0.	0.	0.
115	115	54	W+_K	0.	0.	0.
115	115	57	W+_K	0.	0.	0.
115	115	177	W+_K	0.	0.	0.
115	115	174	W+_K	0.	0.	0.
115	115	54	W-_K	0.	0.	0.
115	115	57	W-_K	0.	0.	0.
115	115	177	W-_K	0.	0.	0.
115	115	174	W-_K	0.	0.	0.
115	115	54	W+_D	0.	0.	0.
115	115	57	W+_D	0.	0.	0.
115	115	177	W+_D	0.	0.	0.
115	115	174	W+_D	0.	0.	0.
115	115	54	W-_D	0.	0.	0.
115	115	57	W-_D	0.	0.	0.
115	115	177	W-_D	0.	0.	0.
115	115	174	W-_D	0.	0.	0.
115	115	54	SISMA SLV X	17.08	28.99	13.48
115	115	57	SISMA SLV X	18.37	34.28	14.
115	115	177	SISMA SLV X	17.2	44.35	14.71
115	115	174	SISMA SLV X	15.72	38.95	14.08
115	115	54	SISMA SLV Y	8.11	18.67	20.77
115	115	57	SISMA SLV Y	10.11	18.3	25.14
115	115	177	SISMA SLV Y	10.01	21.53	27.14
115	115	174	SISMA SLV Y	7.25	21.4	22.75
115	115	54	SISMA SLD X	8.34	14.16	6.59
115	115	57	SISMA SLD X	8.97	16.74	6.84
115	115	177	SISMA SLD X	8.4	21.66	7.18
115	115	174	SISMA SLD X	7.68	19.02	6.88
115	115	54	SISMA SLD Y	3.96	9.12	10.15
115	115	57	SISMA SLD Y	4.94	8.94	12.28
115	115	177	SISMA SLD Y	4.89	10.52	13.26
115	115	174	SISMA SLD Y	3.54	10.45	11.11
115	115	54	SISMA SLO X	6.91	11.73	5.46
115	115	57	SISMA SLO X	7.43	13.87	5.66
115	115	177	SISMA SLO X	6.96	17.95	5.95
115	115	174	SISMA SLO X	6.36	15.76	5.7
115	115	54	SISMA SLO Y	3.28	7.55	8.4
115	115	57	SISMA SLO Y	4.09	7.4	10.17
115	115	177	SISMA SLO Y	4.05	8.71	10.98
115	115	174	SISMA SLO Y	2.93	8.66	9.2
115	115	54	SLT	0.	0.	0.
115	115	57	SLT	0.	0.	0.
115	115	177	SLT	0.	0.	0.
115	115	174	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
115	115	54	~TorsionSISMA SLV X	0.	0.	0.
115	115	57	~TorsionSISMA SLV X	0.	0.	0.
115	115	177	~TorsionSISMA SLV X	0.	0.	0.
115	115	174	~TorsionSISMA SLV X	0.	0.	0.
115	115	54	~TorsionSISMA SLV Y	0.	0.	0.
115	115	57	~TorsionSISMA SLV Y	0.	0.	0.
115	115	177	~TorsionSISMA SLV Y	0.	0.	0.
115	115	174	~TorsionSISMA SLV Y	0.	0.	0.
115	115	54	~TorsionSISMA SLD X	0.	0.	0.
115	115	57	~TorsionSISMA SLD X	0.	0.	0.
115	115	177	~TorsionSISMA SLD X	0.	0.	0.
115	115	174	~TorsionSISMA SLD X	0.	0.	0.
115	115	54	~TorsionSISMA SLD Y	0.	0.	0.
115	115	57	~TorsionSISMA SLD Y	0.	0.	0.
115	115	177	~TorsionSISMA SLD Y	0.	0.	0.
115	115	174	~TorsionSISMA SLD Y	0.	0.	0.
115	115	54	~TorsionSISMA SLO X	0.	0.	0.
115	115	57	~TorsionSISMA SLO X	0.	0.	0.
115	115	177	~TorsionSISMA SLO X	0.	0.	0.
115	115	174	~TorsionSISMA SLO X	0.	0.	0.
115	115	54	~TorsionSISMA SLO Y	0.	0.	0.
115	115	57	~TorsionSISMA SLO Y	0.	0.	0.
115	115	177	~TorsionSISMA SLO Y	0.	0.	0.
115	115	174	~TorsionSISMA SLO Y	0.	0.	0.
116	116	174	G1_K	-18.69	-86.46	1.57
116	116	177	G1_K	-33.55	-114.66	11.36
116	116	58	G1_K	-48.31	-159.47	3.23
116	116	55	G1_K	-33.56	-130.27	-6.55
116	116	174	G2_K	171.08	275.95	67.61
116	116	177	G2_K	222.65	329.6	-34.79
116	116	58	G2_K	99.19	53.45	-16.07
116	116	55	G2_K	47.89	0.74	86.33
116	116	174	Q_K	-12.84	-41.54	0.18
116	116	177	Q_K	-22.86	-60.71	7.21
116	116	58	Q_K	-30.74	-88.69	1.52

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
116	116	55	Q_K	-20.79	-68.86	-5.51
116	116	174	N_K	-1.54	-4.99	2.177E-02
116	116	177	N_K	-2.74	-7.29	0.87
116	116	58	N_K	-3.69	-10.64	0.18
116	116	55	N_K	-2.49	-8.26	-0.66
116	116	174	T+_K	0.	0.	0.
116	116	177	T+_K	0.	0.	0.
116	116	58	T+_K	0.	0.	0.
116	116	55	T+_K	0.	0.	0.
116	116	174	T-_K	0.	0.	0.
116	116	177	T-_K	0.	0.	0.
116	116	58	T-_K	0.	0.	0.
116	116	55	T-_K	0.	0.	0.
116	116	174	G1_D	-24.3	-112.4	2.05
116	116	177	G1_D	-43.61	-149.06	14.76
116	116	58	G1_D	-62.8	-207.3	4.2
116	116	55	G1_D	-43.63	-169.35	-8.52
116	116	174	G2_D	222.4	358.73	87.89
116	116	177	G2_D	289.44	428.48	-45.22
116	116	58	G2_D	128.95	69.48	-20.89
116	116	55	G2_D	62.26	0.96	112.23
116	116	174	Q_D	-19.25	-62.32	0.27
116	116	177	Q_D	-34.29	-91.07	10.81
116	116	58	Q_D	-46.11	-133.04	2.27
116	116	55	Q_D	-31.19	-103.29	-8.27
116	116	174	N_D	-2.31	-7.48	3.265E-02
116	116	177	N_D	-4.11	-10.93	1.3
116	116	58	N_D	-5.53	-15.96	0.27
116	116	55	N_D	-3.74	-12.4	-0.99
116	116	174	T+_D	0.	0.	0.
116	116	177	T+_D	0.	0.	0.
116	116	58	T+_D	0.	0.	0.
116	116	55	T+_D	0.	0.	0.
116	116	174	T-_D	0.	0.	0.
116	116	177	T-_D	0.	0.	0.
116	116	58	T-_D	0.	0.	0.
116	116	55	T-_D	0.	0.	0.
116	116	174	W+_K	0.	0.	0.
116	116	177	W+_K	0.	0.	0.
116	116	58	W+_K	0.	0.	0.
116	116	55	W+_K	0.	0.	0.
116	116	174	W-_K	0.	0.	0.
116	116	177	W-_K	0.	0.	0.
116	116	58	W-_K	0.	0.	0.
116	116	55	W-_K	0.	0.	0.
116	116	174	W+_D	0.	0.	0.
116	116	177	W+_D	0.	0.	0.
116	116	58	W+_D	0.	0.	0.
116	116	55	W+_D	0.	0.	0.
116	116	174	W-_D	0.	0.	0.
116	116	177	W-_D	0.	0.	0.
116	116	58	W-_D	0.	0.	0.
116	116	55	W-_D	0.	0.	0.
116	116	174	SISMA SLV X	16.68	41.71	11.75

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
116	116	177	SISMA SLV X	15.89	38.88	15.85
116	116	58	SISMA SLV X	7.17	25.54	18.84
116	116	55	SISMA SLV X	6.75	27.15	14.56
116	116	174	SISMA SLV Y	8.15	20.59	22.92
116	116	177	SISMA SLV Y	10.17	20.12	24.12
116	116	58	SISMA SLV Y	5.76	11.54	27.43
116	116	55	SISMA SLV Y	6.72	12.07	26.18
116	116	174	SISMA SLD X	8.15	20.37	5.74
116	116	177	SISMA SLD X	7.76	18.99	7.74
116	116	58	SISMA SLD X	3.5	12.48	9.2
116	116	55	SISMA SLD X	3.3	13.26	7.11
116	116	174	SISMA SLD Y	3.98	10.06	11.2
116	116	177	SISMA SLD Y	4.97	9.83	11.78
116	116	58	SISMA SLD Y	2.81	5.63	13.4
116	116	55	SISMA SLD Y	3.28	5.9	12.79
116	116	174	SISMA SLO X	6.75	16.88	4.75
116	116	177	SISMA SLO X	6.43	15.73	6.41
116	116	58	SISMA SLO X	2.9	10.34	7.62
116	116	55	SISMA SLO X	2.73	10.99	5.89
116	116	174	SISMA SLO Y	3.3	8.33	9.27
116	116	177	SISMA SLO Y	4.11	8.14	9.76
116	116	58	SISMA SLO Y	2.33	4.67	11.09
116	116	55	SISMA SLO Y	2.72	4.88	10.59
116	116	174	SLT	0.	0.	0.
116	116	177	SLT	0.	0.	0.
116	116	58	SLT	0.	0.	0.
116	116	55	SLT	0.	0.	0.
116	116	174	~TorsionSISMA SLV X	0.	0.	0.
116	116	177	~TorsionSISMA SLV X	0.	0.	0.
116	116	58	~TorsionSISMA SLV X	0.	0.	0.
116	116	55	~TorsionSISMA SLV X	0.	0.	0.
116	116	174	~TorsionSISMA SLV Y	0.	0.	0.
116	116	177	~TorsionSISMA SLV Y	0.	0.	0.
116	116	58	~TorsionSISMA SLV Y	0.	0.	0.
116	116	55	~TorsionSISMA SLV Y	0.	0.	0.
116	116	174	~TorsionSISMA SLD X	0.	0.	0.
116	116	177	~TorsionSISMA SLD X	0.	0.	0.
116	116	58	~TorsionSISMA SLD X	0.	0.	0.
116	116	55	~TorsionSISMA SLD X	0.	0.	0.
116	116	174	~TorsionSISMA SLD Y	0.	0.	0.
116	116	177	~TorsionSISMA SLD Y	0.	0.	0.
116	116	58	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
116	116	55	~TorsionSISMA SLD Y	0.	0.	0.
116	116	174	~TorsionSISMA SLO X	0.	0.	0.
116	116	177	~TorsionSISMA SLO X	0.	0.	0.
116	116	58	~TorsionSISMA SLO X	0.	0.	0.
116	116	55	~TorsionSISMA SLO X	0.	0.	0.
116	116	174	~TorsionSISMA SLO Y	0.	0.	0.
116	116	177	~TorsionSISMA SLO Y	0.	0.	0.
116	116	58	~TorsionSISMA SLO Y	0.	0.	0.
116	116	55	~TorsionSISMA SLO Y	0.	0.	0.
117	117	55	G1_K	-32.06	-125.28	-16.26
117	117	58	G1_K	-57.35	-202.15	17.73
117	117	125	G1_K	-59.53	-260.27	-20.4
117	117	130	G1_K	-34.37	-181.99	-54.38
117	117	55	G2_K	80.06	87.73	88.02
117	117	58	G2_K	90.66	84.64	-13.06
117	117	125	G2_K	-59.11	-302.04	-20.96
117	117	130	G2_K	-69.26	-298.22	80.12
117	117	55	Q_K	-21.91	-76.77	-11.94
117	117	58	Q_K	-38.48	-125.07	11.11
117	117	125	Q_K	-38.37	-161.74	-12.85
117	117	130	Q_K	-21.88	-112.54	-35.89
117	117	55	N_K	-2.63	-9.21	-1.43
117	117	58	N_K	-4.62	-15.01	1.33
117	117	125	N_K	-4.6	-19.41	-1.54
117	117	130	N_K	-2.63	-13.5	-4.31
117	117	55	T+_K	0.	0.	0.
117	117	58	T+_K	0.	0.	0.
117	117	125	T+_K	0.	0.	0.
117	117	130	T+_K	0.	0.	0.
117	117	55	T-_K	0.	0.	0.
117	117	58	T-_K	0.	0.	0.
117	117	125	T-_K	0.	0.	0.
117	117	130	T-_K	0.	0.	0.
117	117	55	G1_D	-41.68	-162.87	-21.13
117	117	58	G1_D	-74.56	-262.79	23.05
117	117	125	G1_D	-77.39	-338.34	-26.51
117	117	130	G1_D	-44.68	-236.59	-70.7
117	117	55	G2_D	104.08	114.05	114.42
117	117	58	G2_D	117.86	110.04	-16.98
117	117	125	G2_D	-76.85	-392.65	-27.24
117	117	130	G2_D	-90.04	-387.68	104.15
117	117	55	Q_D	-32.87	-115.15	-17.91
117	117	58	Q_D	-57.72	-187.61	16.66
117	117	125	Q_D	-57.56	-242.6	-19.27
117	117	130	Q_D	-32.83	-168.81	-53.84
117	117	55	N_D	-3.94	-13.82	-2.15
117	117	58	N_D	-6.93	-22.51	2.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
117	117	125	N_D	-6.91	-29.11	-2.31
117	117	130	N_D	-3.94	-20.26	-6.46
117	117	55	T+_D	0.	0.	0.
117	117	58	T+_D	0.	0.	0.
117	117	125	T+_D	0.	0.	0.
117	117	130	T+_D	0.	0.	0.
117	117	55	T-_D	0.	0.	0.
117	117	58	T-_D	0.	0.	0.
117	117	125	T-_D	0.	0.	0.
117	117	130	T-_D	0.	0.	0.
117	117	55	W+_K	0.	0.	0.
117	117	58	W+_K	0.	0.	0.
117	117	125	W+_K	0.	0.	0.
117	117	130	W+_K	0.	0.	0.
117	117	55	W-_K	0.	0.	0.
117	117	58	W-_K	0.	0.	0.
117	117	125	W-_K	0.	0.	0.
117	117	130	W-_K	0.	0.	0.
117	117	55	W+_D	0.	0.	0.
117	117	58	W+_D	0.	0.	0.
117	117	125	W+_D	0.	0.	0.
117	117	130	W+_D	0.	0.	0.
117	117	55	W-_D	0.	0.	0.
117	117	58	W-_D	0.	0.	0.
117	117	125	W-_D	0.	0.	0.
117	117	130	W-_D	0.	0.	0.
117	117	55	SISMA SLV X	6.3	22.97	15.44
117	117	58	SISMA SLV X	7.85	27.23	17.34
117	117	125	SISMA SLV X	18.28	36.96	14.56
117	117	130	SISMA SLV X	16.06	31.13	13.59
117	117	55	SISMA SLV Y	5.6	15.93	29.15
117	117	58	SISMA SLV Y	6.13	11.46	25.43
117	117	125	SISMA SLV Y	8.49	17.15	17.8
117	117	130	SISMA SLV Y	14.18	14.84	21.46
117	117	55	SISMA SLD X	3.07	11.22	7.54
117	117	58	SISMA SLD X	3.83	13.3	8.47
117	117	125	SISMA SLD X	8.93	18.05	7.11
117	117	130	SISMA SLD X	7.84	15.21	6.64
117	117	55	SISMA SLD Y	2.73	7.78	14.24
117	117	58	SISMA SLD Y	3.	5.6	12.42
117	117	125	SISMA SLD Y	4.15	8.38	8.7
117	117	130	SISMA SLD Y	6.92	7.25	10.48
117	117	55	SISMA SLO X	2.55	9.29	6.24
117	117	58	SISMA SLO X	3.18	11.02	7.02
117	117	125	SISMA SLO X	7.4	14.95	5.89
117	117	130	SISMA SLO X	6.5	12.6	5.5
117	117	55	SISMA SLO Y	2.26	6.44	11.79
117	117	58	SISMA SLO Y	2.48	4.64	10.29
117	117	125	SISMA SLO Y	3.44	6.94	7.2
117	117	130	SISMA SLO Y	5.73	6.	8.68
117	117	55	SLT	0.	0.	0.
117	117	58	SLT	0.	0.	0.
117	117	125	SLT	0.	0.	0.
117	117	130	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
117	117	55	~TorsionSISMA SLV X	0.	0.	0.
117	117	58	~TorsionSISMA SLV X	0.	0.	0.
117	117	125	~TorsionSISMA SLV X	0.	0.	0.
117	117	130	~TorsionSISMA SLV X	0.	0.	0.
117	117	55	~TorsionSISMA SLV Y	0.	0.	0.
117	117	58	~TorsionSISMA SLV Y	0.	0.	0.
117	117	125	~TorsionSISMA SLV Y	0.	0.	0.
117	117	130	~TorsionSISMA SLV Y	0.	0.	0.
117	117	55	~TorsionSISMA SLD X	0.	0.	0.
117	117	58	~TorsionSISMA SLD X	0.	0.	0.
117	117	125	~TorsionSISMA SLD X	0.	0.	0.
117	117	130	~TorsionSISMA SLD X	0.	0.	0.
117	117	55	~TorsionSISMA SLD Y	0.	0.	0.
117	117	58	~TorsionSISMA SLD Y	0.	0.	0.
117	117	125	~TorsionSISMA SLD Y	0.	0.	0.
117	117	130	~TorsionSISMA SLD Y	0.	0.	0.
117	117	55	~TorsionSISMA SLO X	0.	0.	0.
117	117	58	~TorsionSISMA SLO X	0.	0.	0.
117	117	125	~TorsionSISMA SLO X	0.	0.	0.
117	117	130	~TorsionSISMA SLO X	0.	0.	0.
117	117	55	~TorsionSISMA SLO Y	0.	0.	0.
117	117	58	~TorsionSISMA SLO Y	0.	0.	0.
117	117	125	~TorsionSISMA SLO Y	0.	0.	0.
117	117	130	~TorsionSISMA SLO Y	0.	0.	0.
118	118	175	G1_K	-12.14	-56.5	2.01
118	118	178	G1_K	-11.39	-61.15	2.97
118	118	59	G1_K	-10.1	-82.49	1.2
118	118	56	G1_K	-10.9	-77.71	0.24
118	118	175	G2_K	-165.55	-910.64	-35.59
118	118	178	G2_K	-160.17	-717.96	34.76
118	118	59	G2_K	44.	54.27	119.76
118	118	56	G2_K	38.46	-131.53	49.4
118	118	175	Q_K	0.7	7.01	1.56
118	118	178	Q_K	1.	1.5	0.11
118	118	59	Q_K	-0.64	-10.57	-2.13

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
118	118	56	Q_K	-0.96	-5.14	-0.67
118	118	175	N_K	8.437E-02	0.84	0.19
118	118	178	N_K	0.12	0.18	1.276E-02
118	118	59	N_K	-7.657E-02	-1.27	-0.26
118	118	56	N_K	-0.11	-0.62	-8.067E-02
118	118	175	T+_K	0.	0.	0.
118	118	178	T+_K	0.	0.	0.
118	118	59	T+_K	0.	0.	0.
118	118	56	T+_K	0.	0.	0.
118	118	175	T-_K	0.	0.	0.
118	118	178	T-_K	0.	0.	0.
118	118	59	T-_K	0.	0.	0.
118	118	56	T-_K	0.	0.	0.
118	118	175	G1_D	-15.78	-73.45	2.62
118	118	178	G1_D	-14.81	-79.5	3.86
118	118	59	G1_D	-13.12	-107.24	1.55
118	118	56	G1_D	-14.17	-101.02	0.31
118	118	175	G2_D	-215.21	-1183.83	-46.27
118	118	178	G2_D	-208.22	-933.35	45.19
118	118	59	G2_D	57.2	70.56	155.68
118	118	56	G2_D	50.	-170.99	64.23
118	118	175	Q_D	1.05	10.51	2.34
118	118	178	Q_D	1.5	2.25	0.16
118	118	59	Q_D	-0.96	-15.85	-3.19
118	118	56	Q_D	-1.43	-7.71	-1.01
118	118	175	N_D	0.13	1.26	0.28
118	118	178	N_D	0.18	0.27	1.914E-02
118	118	59	N_D	-0.11	-1.9	-0.38
118	118	56	N_D	-0.17	-0.93	-0.12
118	118	175	T+_D	0.	0.	0.
118	118	178	T+_D	0.	0.	0.
118	118	59	T+_D	0.	0.	0.
118	118	56	T+_D	0.	0.	0.
118	118	175	T-_D	0.	0.	0.
118	118	178	T-_D	0.	0.	0.
118	118	59	T-_D	0.	0.	0.
118	118	56	T-_D	0.	0.	0.
118	118	175	W+_K	0.	0.	0.
118	118	178	W+_K	0.	0.	0.
118	118	59	W+_K	0.	0.	0.
118	118	56	W+_K	0.	0.	0.
118	118	175	W-_K	0.	0.	0.
118	118	178	W-_K	0.	0.	0.
118	118	59	W-_K	0.	0.	0.
118	118	56	W-_K	0.	0.	0.
118	118	175	W+_D	0.	0.	0.
118	118	178	W+_D	0.	0.	0.
118	118	59	W+_D	0.	0.	0.
118	118	56	W+_D	0.	0.	0.
118	118	175	W-_D	0.	0.	0.
118	118	178	W-_D	0.	0.	0.
118	118	59	W-_D	0.	0.	0.
118	118	56	W-_D	0.	0.	0.
118	118	175	SISMA SLV X	11.83	65.82	8.56

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
118	118	178	SISMA SLV X	9.65	42.14	8.26
118	118	59	SISMA SLV X	3.67	10.24	14.69
118	118	56	SISMA SLV X	1.72	22.21	13.38
118	118	175	SISMA SLV Y	6.26	32.57	14.95
118	118	178	SISMA SLV Y	6.58	33.28	17.97
118	118	59	SISMA SLV Y	1.7	15.49	33.04
118	118	56	SISMA SLV Y	1.3	9.91	29.83
118	118	175	SISMA SLD X	5.78	32.15	4.18
118	118	178	SISMA SLD X	4.71	20.58	4.03
118	118	59	SISMA SLD X	1.79	5.	7.18
118	118	56	SISMA SLD X	0.84	10.85	6.54
118	118	175	SISMA SLD Y	3.06	15.91	7.3
118	118	178	SISMA SLD Y	3.21	16.25	8.78
118	118	59	SISMA SLD Y	0.83	7.56	16.14
118	118	56	SISMA SLD Y	0.64	4.84	14.57
118	118	175	SISMA SLO X	4.79	26.63	3.46
118	118	178	SISMA SLO X	3.9	17.04	3.34
118	118	59	SISMA SLO X	1.48	4.13	5.94
118	118	56	SISMA SLO X	0.69	8.98	5.41
118	118	175	SISMA SLO Y	2.53	13.17	6.04
118	118	178	SISMA SLO Y	2.66	13.46	7.27
118	118	59	SISMA SLO Y	0.69	6.26	13.36
118	118	56	SISMA SLO Y	0.53	4.01	12.06
118	118	175	SLT	0.	0.	0.
118	118	178	SLT	0.	0.	0.
118	118	59	SLT	0.	0.	0.
118	118	56	SLT	0.	0.	0.
118	118	175	~TorsionSISMA SLV X	0.	0.	0.
118	118	178	~TorsionSISMA SLV X	0.	0.	0.
118	118	59	~TorsionSISMA SLV X	0.	0.	0.
118	118	56	~TorsionSISMA SLV X	0.	0.	0.
118	118	175	~TorsionSISMA SLV Y	0.	0.	0.
118	118	178	~TorsionSISMA SLV Y	0.	0.	0.
118	118	59	~TorsionSISMA SLV Y	0.	0.	0.
118	118	56	~TorsionSISMA SLV Y	0.	0.	0.
118	118	175	~TorsionSISMA SLD X	0.	0.	0.
118	118	178	~TorsionSISMA SLD X	0.	0.	0.
118	118	59	~TorsionSISMA SLD X	0.	0.	0.
118	118	56	~TorsionSISMA SLD X	0.	0.	0.
118	118	175	~TorsionSISMA SLD Y	0.	0.	0.
118	118	178	~TorsionSISMA SLD Y	0.	0.	0.
118	118	59	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
118	118	56	~TorsionSISMA SLD Y	0.	0.	0.
118	118	175	~TorsionSISMA SLO X	0.	0.	0.
118	118	178	~TorsionSISMA SLO X	0.	0.	0.
118	118	59	~TorsionSISMA SLO X	0.	0.	0.
118	118	56	~TorsionSISMA SLO X	0.	0.	0.
118	118	175	~TorsionSISMA SLO Y	0.	0.	0.
118	118	178	~TorsionSISMA SLO Y	0.	0.	0.
118	118	59	~TorsionSISMA SLO Y	0.	0.	0.
118	118	56	~TorsionSISMA SLO Y	0.	0.	0.
119	119	56	G1_K	-8.36	-57.76	1.39
119	119	59	G1_K	-5.19	-65.21	-1.69
119	119	179	G1_K	-6.21	-87.09	-5.95
119	119	176	G1_K	-9.49	-79.19	-2.87
119	119	56	G2_K	74.4	-37.56	23.39
119	119	59	G2_K	2.26	-68.67	144.67
119	119	179	G2_K	156.92	304.75	122.33
119	119	176	G2_K	229.16	338.8	1.05
119	119	56	Q_K	-1.31	-1.6	-0.16
119	119	59	Q_K	1.69	-4.24	-2.82
119	119	179	Q_K	-0.69	-17.21	-4.72
119	119	176	Q_K	-3.76	-14.3	-2.06
119	119	56	N_K	-0.16	-0.19	-1.906E-02
119	119	59	N_K	0.2	-0.51	-0.34
119	119	179	N_K	-8.259E-02	-2.06	-0.57
119	119	176	N_K	-0.45	-1.72	-0.25
119	119	56	T+_K	0.	0.	0.
119	119	59	T+_K	0.	0.	0.
119	119	179	T+_K	0.	0.	0.
119	119	176	T+_K	0.	0.	0.
119	119	56	T-_K	0.	0.	0.
119	119	59	T-_K	0.	0.	0.
119	119	179	T-_K	0.	0.	0.
119	119	176	T-_K	0.	0.	0.
119	119	56	G1_D	-10.87	-75.09	1.8
119	119	59	G1_D	-6.75	-84.77	-2.2
119	119	179	G1_D	-8.07	-113.22	-7.73
119	119	176	G1_D	-12.34	-102.95	-3.73
119	119	56	G2_D	96.72	-48.83	30.4
119	119	59	G2_D	2.94	-89.27	188.07
119	119	179	G2_D	203.99	396.18	159.03
119	119	176	G2_D	297.9	440.43	1.36
119	119	56	Q_D	-1.97	-2.39	-0.24
119	119	59	Q_D	2.54	-6.36	-4.23
119	119	179	Q_D	-1.03	-25.81	-7.08
119	119	176	Q_D	-5.64	-21.45	-3.09
119	119	56	N_D	-0.24	-0.29	-2.860E-02
119	119	59	N_D	0.3	-0.76	-0.51

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
119	119	179	N_D	-0.12	-3.1	-0.85
119	119	176	N_D	-0.68	-2.57	-0.37
119	119	56	T+_D	0.	0.	0.
119	119	59	T+_D	0.	0.	0.
119	119	179	T+_D	0.	0.	0.
119	119	176	T+_D	0.	0.	0.
119	119	56	T-_D	0.	0.	0.
119	119	59	T-_D	0.	0.	0.
119	119	179	T-_D	0.	0.	0.
119	119	176	T-_D	0.	0.	0.
119	119	56	W+_K	0.	0.	0.
119	119	59	W+_K	0.	0.	0.
119	119	179	W+_K	0.	0.	0.
119	119	176	W+_K	0.	0.	0.
119	119	56	W-_K	0.	0.	0.
119	119	59	W-_K	0.	0.	0.
119	119	179	W-_K	0.	0.	0.
119	119	176	W-_K	0.	0.	0.
119	119	56	W+_D	0.	0.	0.
119	119	59	W+_D	0.	0.	0.
119	119	179	W+_D	0.	0.	0.
119	119	176	W+_D	0.	0.	0.
119	119	56	W-_D	0.	0.	0.
119	119	59	W-_D	0.	0.	0.
119	119	179	W-_D	0.	0.	0.
119	119	176	W-_D	0.	0.	0.
119	119	56	SISMA SLV X	2.61	25.89	11.95
119	119	59	SISMA SLV X	2.47	12.61	13.62
119	119	179	SISMA SLV X	9.95	31.57	12.98
119	119	176	SISMA SLV X	13.21	15.21	10.15
119	119	56	SISMA SLV Y	1.3	12.08	25.72
119	119	59	SISMA SLV Y	1.07	18.08	29.35
119	119	179	SISMA SLV Y	7.57	14.97	26.39
119	119	176	SISMA SLV Y	8.22	10.23	22.65
119	119	56	SISMA SLD X	1.28	12.64	5.84
119	119	59	SISMA SLD X	1.2	6.16	6.65
119	119	179	SISMA SLD X	4.86	15.42	6.34
119	119	176	SISMA SLD X	6.45	7.43	4.96
119	119	56	SISMA SLD Y	0.64	5.9	12.56
119	119	59	SISMA SLD Y	0.52	8.83	14.34
119	119	179	SISMA SLD Y	3.7	7.31	12.89
119	119	176	SISMA SLD Y	4.02	5.	11.06
119	119	56	SISMA SLO X	1.06	10.47	4.83
119	119	59	SISMA SLO X	0.99	5.09	5.51
119	119	179	SISMA SLO X	4.03	12.78	5.25
119	119	176	SISMA SLO X	5.34	6.15	4.11
119	119	56	SISMA SLO Y	0.53	4.89	10.4
119	119	59	SISMA SLO Y	0.43	7.31	11.87
119	119	179	SISMA SLO Y	3.06	6.06	10.67
119	119	176	SISMA SLO Y	3.33	4.14	9.16
119	119	56	SLT	0.	0.	0.
119	119	59	SLT	0.	0.	0.
119	119	179	SLT	0.	0.	0.
119	119	176	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
119	119	56	~TorsionSISMA SLV X	0.	0.	0.
119	119	59	~TorsionSISMA SLV X	0.	0.	0.
119	119	179	~TorsionSISMA SLV X	0.	0.	0.
119	119	176	~TorsionSISMA SLV X	0.	0.	0.
119	119	56	~TorsionSISMA SLV Y	0.	0.	0.
119	119	59	~TorsionSISMA SLV Y	0.	0.	0.
119	119	179	~TorsionSISMA SLV Y	0.	0.	0.
119	119	176	~TorsionSISMA SLV Y	0.	0.	0.
119	119	56	~TorsionSISMA SLD X	0.	0.	0.
119	119	59	~TorsionSISMA SLD X	0.	0.	0.
119	119	179	~TorsionSISMA SLD X	0.	0.	0.
119	119	176	~TorsionSISMA SLD X	0.	0.	0.
119	119	56	~TorsionSISMA SLD Y	0.	0.	0.
119	119	59	~TorsionSISMA SLD Y	0.	0.	0.
119	119	179	~TorsionSISMA SLD Y	0.	0.	0.
119	119	176	~TorsionSISMA SLD Y	0.	0.	0.
119	119	56	~TorsionSISMA SLO X	0.	0.	0.
119	119	59	~TorsionSISMA SLO X	0.	0.	0.
119	119	179	~TorsionSISMA SLO X	0.	0.	0.
119	119	176	~TorsionSISMA SLO X	0.	0.	0.
119	119	56	~TorsionSISMA SLO Y	0.	0.	0.
119	119	59	~TorsionSISMA SLO Y	0.	0.	0.
119	119	179	~TorsionSISMA SLO Y	0.	0.	0.
119	119	176	~TorsionSISMA SLO Y	0.	0.	0.
120	120	176	G1_K	-8.12	-65.5	3.79
120	120	179	G1_K	1.07	-57.52	-13.19
120	120	60	G1_K	-10.5	-82.86	-14.01
120	120	57	G1_K	-19.71	-91.04	2.96
120	120	176	G2_K	238.68	340.51	32.44
120	120	179	G2_K	128.81	210.11	92.54
120	120	60	G2_K	178.85	294.64	38.2
120	120	57	G2_K	288.8	425.57	-21.9
120	120	176	Q_K	-4.3	-12.31	1.89
120	120	179	Q_K	2.24	-7.26	-8.34
120	120	60	Q_K	-4.99	-22.72	-8.07

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
120	120	57	Q_K	-11.53	-27.91	2.16
120	120	176	N_K	-0.52	-1.48	0.23
120	120	179	N_K	0.27	-0.87	-1.
120	120	60	N_K	-0.6	-2.73	-0.97
120	120	57	N_K	-1.38	-3.35	0.26
120	120	176	T+_K	0.	0.	0.
120	120	179	T+_K	0.	0.	0.
120	120	60	T+_K	0.	0.	0.
120	120	57	T+_K	0.	0.	0.
120	120	176	T-_K	0.	0.	0.
120	120	179	T-_K	0.	0.	0.
120	120	60	T-_K	0.	0.	0.
120	120	57	T-_K	0.	0.	0.
120	120	176	G1_D	-10.55	-85.15	4.92
120	120	179	G1_D	1.39	-74.77	-17.15
120	120	60	G1_D	-13.65	-107.72	-18.22
120	120	57	G1_D	-25.62	-118.35	3.85
120	120	176	G2_D	310.29	442.67	42.18
120	120	179	G2_D	167.45	273.15	120.31
120	120	60	G2_D	232.5	383.03	49.66
120	120	57	G2_D	375.44	553.23	-28.46
120	120	176	Q_D	-6.44	-18.46	2.84
120	120	179	Q_D	3.35	-10.9	-12.51
120	120	60	Q_D	-7.49	-34.08	-12.11
120	120	57	Q_D	-17.3	-41.87	3.24
120	120	176	N_D	-0.77	-2.22	0.34
120	120	179	N_D	0.4	-1.31	-1.5
120	120	60	N_D	-0.9	-4.09	-1.45
120	120	57	N_D	-2.08	-5.02	0.39
120	120	176	T+_D	0.	0.	0.
120	120	179	T+_D	0.	0.	0.
120	120	60	T+_D	0.	0.	0.
120	120	57	T+_D	0.	0.	0.
120	120	176	T-_D	0.	0.	0.
120	120	179	T-_D	0.	0.	0.
120	120	60	T-_D	0.	0.	0.
120	120	57	T-_D	0.	0.	0.
120	120	176	W+_K	0.	0.	0.
120	120	179	W+_K	0.	0.	0.
120	120	60	W+_K	0.	0.	0.
120	120	57	W+_K	0.	0.	0.
120	120	176	W-_K	0.	0.	0.
120	120	179	W-_K	0.	0.	0.
120	120	60	W-_K	0.	0.	0.
120	120	57	W-_K	0.	0.	0.
120	120	176	W+_D	0.	0.	0.
120	120	179	W+_D	0.	0.	0.
120	120	60	W+_D	0.	0.	0.
120	120	57	W+_D	0.	0.	0.
120	120	176	W-_D	0.	0.	0.
120	120	179	W-_D	0.	0.	0.
120	120	60	W-_D	0.	0.	0.
120	120	57	W-_D	0.	0.	0.
120	120	176	SISMA SLV X	14.18	12.62	11.03

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
120	120	179	SISMA SLV X	6.	13.9	13.35
120	120	60	SISMA SLV X	12.45	40.46	13.08
120	120	57	SISMA SLV X	21.58	39.16	12.99
120	120	176	SISMA SLV Y	7.51	6.46	24.39
120	120	179	SISMA SLV Y	7.27	9.2	26.35
120	120	60	SISMA SLV Y	11.72	17.91	28.35
120	120	57	SISMA SLV Y	12.21	20.73	26.59
120	120	176	SISMA SLD X	6.93	6.16	5.39
120	120	179	SISMA SLD X	2.93	6.79	6.52
120	120	60	SISMA SLD X	6.08	19.76	6.39
120	120	57	SISMA SLD X	10.54	19.12	6.34
120	120	176	SISMA SLD Y	3.67	3.15	11.91
120	120	179	SISMA SLD Y	3.55	4.49	12.87
120	120	60	SISMA SLD Y	5.72	8.75	13.84
120	120	57	SISMA SLD Y	5.96	10.12	12.99
120	120	176	SISMA SLO X	5.74	5.1	4.46
120	120	179	SISMA SLO X	2.42	5.62	5.4
120	120	60	SISMA SLO X	5.03	16.37	5.29
120	120	57	SISMA SLO X	8.73	15.84	5.26
120	120	176	SISMA SLO Y	3.04	2.61	9.87
120	120	179	SISMA SLO Y	2.94	3.72	10.66
120	120	60	SISMA SLO Y	4.74	7.25	11.47
120	120	57	SISMA SLO Y	4.94	8.39	10.76
120	120	176	SLT	0.	0.	0.
120	120	179	SLT	0.	0.	0.
120	120	60	SLT	0.	0.	0.
120	120	57	SLT	0.	0.	0.
120	120	176	~TorsionSISMA SLV X	0.	0.	0.
120	120	179	~TorsionSISMA SLV X	0.	0.	0.
120	120	60	~TorsionSISMA SLV X	0.	0.	0.
120	120	57	~TorsionSISMA SLV X	0.	0.	0.
120	120	176	~TorsionSISMA SLV Y	0.	0.	0.
120	120	179	~TorsionSISMA SLV Y	0.	0.	0.
120	120	60	~TorsionSISMA SLV Y	0.	0.	0.
120	120	57	~TorsionSISMA SLV Y	0.	0.	0.
120	120	176	~TorsionSISMA SLD X	0.	0.	0.
120	120	179	~TorsionSISMA SLD X	0.	0.	0.
120	120	60	~TorsionSISMA SLD X	0.	0.	0.
120	120	57	~TorsionSISMA SLD X	0.	0.	0.
120	120	176	~TorsionSISMA SLD Y	0.	0.	0.
120	120	179	~TorsionSISMA SLD Y	0.	0.	0.
120	120	60	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
120	120	57	~TorsionSISMA SLD Y	0.	0.	0.
120	120	176	~TorsionSISMA SLO X	0.	0.	0.
120	120	179	~TorsionSISMA SLO X	0.	0.	0.
120	120	60	~TorsionSISMA SLO X	0.	0.	0.
120	120	57	~TorsionSISMA SLO X	0.	0.	0.
120	120	176	~TorsionSISMA SLO Y	0.	0.	0.
120	120	179	~TorsionSISMA SLO Y	0.	0.	0.
120	120	60	~TorsionSISMA SLO Y	0.	0.	0.
120	120	57	~TorsionSISMA SLO Y	0.	0.	0.
121	121	57	G1_K	-18.23	-77.48	-1.83
121	121	60	G1_K	-4.44	-58.71	-8.54
121	121	180	G1_K	-18.3	-91.39	-5.99
121	121	177	G1_K	-32.14	-110.	0.72
121	121	57	G2_K	287.97	425.33	24.25
121	121	60	G2_K	179.55	294.24	-9.72
121	121	180	G2_K	125.48	171.79	-65.01
121	121	177	G2_K	233.56	303.85	-31.04
121	121	57	Q_K	-12.25	-27.7	-0.77
121	121	60	Q_K	-3.07	-16.88	-4.54
121	121	180	Q_K	-10.79	-37.2	-3.05
121	121	177	Q_K	-20.	-47.94	0.72
121	121	57	N_K	-1.47	-3.32	-9.221E-02
121	121	60	N_K	-0.37	-2.03	-0.54
121	121	180	N_K	-1.29	-4.46	-0.37
121	121	177	N_K	-2.4	-5.75	8.606E-02
121	121	57	T+_K	0.	0.	0.
121	121	60	T+_K	0.	0.	0.
121	121	180	T+_K	0.	0.	0.
121	121	177	T+_K	0.	0.	0.
121	121	57	T-_K	0.	0.	0.
121	121	60	T-_K	0.	0.	0.
121	121	180	T-_K	0.	0.	0.
121	121	177	T-_K	0.	0.	0.
121	121	57	G1_D	-23.69	-100.73	-2.38
121	121	60	G1_D	-5.77	-76.33	-11.1
121	121	180	G1_D	-23.79	-118.8	-7.79
121	121	177	G1_D	-41.79	-142.99	0.94
121	121	57	G2_D	374.36	552.93	31.53
121	121	60	G2_D	233.42	382.52	-12.64
121	121	180	G2_D	163.13	223.32	-84.51
121	121	177	G2_D	303.63	395.	-40.35
121	121	57	Q_D	-18.37	-41.56	-1.15
121	121	60	Q_D	-4.6	-25.33	-6.81
121	121	180	Q_D	-16.19	-55.79	-4.58
121	121	177	Q_D	-30.	-71.91	1.08
121	121	57	N_D	-2.2	-4.99	-0.14
121	121	60	N_D	-0.55	-3.04	-0.82

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
121	121	180	N_D	-1.94	-6.7	-0.55
121	121	177	N_D	-3.6	-8.63	0.13
121	121	57	T+_D	0.	0.	0.
121	121	60	T+_D	0.	0.	0.
121	121	180	T+_D	0.	0.	0.
121	121	177	T+_D	0.	0.	0.
121	121	57	T-_D	0.	0.	0.
121	121	60	T-_D	0.	0.	0.
121	121	180	T-_D	0.	0.	0.
121	121	177	T-_D	0.	0.	0.
121	121	57	W+_K	0.	0.	0.
121	121	60	W+_K	0.	0.	0.
121	121	180	W+_K	0.	0.	0.
121	121	177	W+_K	0.	0.	0.
121	121	57	W-_K	0.	0.	0.
121	121	60	W-_K	0.	0.	0.
121	121	180	W-_K	0.	0.	0.
121	121	177	W-_K	0.	0.	0.
121	121	57	W+_D	0.	0.	0.
121	121	60	W+_D	0.	0.	0.
121	121	180	W+_D	0.	0.	0.
121	121	177	W+_D	0.	0.	0.
121	121	57	W-_D	0.	0.	0.
121	121	60	W-_D	0.	0.	0.
121	121	180	W-_D	0.	0.	0.
121	121	177	W-_D	0.	0.	0.
121	121	57	SISMA SLV X	21.27	35.16	12.29
121	121	60	SISMA SLV X	9.77	24.41	11.47
121	121	180	SISMA SLV X	9.46	34.22	12.57
121	121	177	SISMA SLV X	21.58	44.92	15.43
121	121	57	SISMA SLV Y	11.22	17.58	26.81
121	121	60	SISMA SLV Y	12.07	10.96	25.75
121	121	180	SISMA SLV Y	11.	15.46	24.98
121	121	177	SISMA SLV Y	10.76	22.58	26.26
121	121	57	SISMA SLD X	10.39	17.17	6.
121	121	60	SISMA SLD X	4.77	11.92	5.6
121	121	180	SISMA SLD X	4.62	16.71	6.14
121	121	177	SISMA SLD X	10.54	21.94	7.54
121	121	57	SISMA SLD Y	5.48	8.58	13.1
121	121	60	SISMA SLD Y	5.89	5.35	12.58
121	121	180	SISMA SLD Y	5.37	7.55	12.2
121	121	177	SISMA SLD Y	5.26	11.03	12.83
121	121	57	SISMA SLO X	8.61	14.23	4.97
121	121	60	SISMA SLO X	3.95	9.88	4.64
121	121	180	SISMA SLO X	3.83	13.85	5.09
121	121	177	SISMA SLO X	8.73	18.18	6.24
121	121	57	SISMA SLO Y	4.54	7.11	10.85
121	121	60	SISMA SLO Y	4.88	4.43	10.42
121	121	180	SISMA SLO Y	4.45	6.25	10.11
121	121	177	SISMA SLO Y	4.35	9.13	10.62
121	121	57	SLT	0.	0.	0.
121	121	60	SLT	0.	0.	0.
121	121	180	SLT	0.	0.	0.
121	121	177	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
121	121	57	~TorsionSISMA SLV X	0.	0.	0.
121	121	60	~TorsionSISMA SLV X	0.	0.	0.
121	121	180	~TorsionSISMA SLV X	0.	0.	0.
121	121	177	~TorsionSISMA SLV X	0.	0.	0.
121	121	57	~TorsionSISMA SLV Y	0.	0.	0.
121	121	60	~TorsionSISMA SLV Y	0.	0.	0.
121	121	180	~TorsionSISMA SLV Y	0.	0.	0.
121	121	177	~TorsionSISMA SLV Y	0.	0.	0.
121	121	57	~TorsionSISMA SLD X	0.	0.	0.
121	121	60	~TorsionSISMA SLD X	0.	0.	0.
121	121	180	~TorsionSISMA SLD X	0.	0.	0.
121	121	177	~TorsionSISMA SLD X	0.	0.	0.
121	121	57	~TorsionSISMA SLD Y	0.	0.	0.
121	121	60	~TorsionSISMA SLD Y	0.	0.	0.
121	121	180	~TorsionSISMA SLD Y	0.	0.	0.
121	121	177	~TorsionSISMA SLD Y	0.	0.	0.
121	121	57	~TorsionSISMA SLO X	0.	0.	0.
121	121	60	~TorsionSISMA SLO X	0.	0.	0.
121	121	180	~TorsionSISMA SLO X	0.	0.	0.
121	121	177	~TorsionSISMA SLO X	0.	0.	0.
121	121	57	~TorsionSISMA SLO Y	0.	0.	0.
121	121	60	~TorsionSISMA SLO Y	0.	0.	0.
121	121	180	~TorsionSISMA SLO Y	0.	0.	0.
121	121	177	~TorsionSISMA SLO Y	0.	0.	0.
122	122	177	G1_K	-33.85	-115.61	0.97
122	122	180	G1_K	-13.7	-71.33	-7.2
122	122	61	G1_K	-35.61	-114.29	7.26
122	122	58	G1_K	-55.6	-160.03	15.43
122	122	177	G2_K	228.08	327.75	-4.35
122	122	180	G2_K	152.12	253.67	-91.24
122	122	61	G2_K	34.	-15.92	-124.38
122	122	58	G2_K	109.45	58.43	-37.49
122	122	177	Q_K	-22.93	-61.13	0.84
122	122	180	Q_K	-9.69	-33.17	-3.73
122	122	61	Q_K	-22.24	-60.31	5.61

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
122	122	58	Q_K	-35.37	-89.22	10.19
122	122	177	N_K	-2.75	-7.34	0.1
122	122	180	N_K	-1.16	-3.98	-0.45
122	122	61	N_K	-2.67	-7.24	0.67
122	122	58	N_K	-4.24	-10.71	1.22
122	122	177	T+_K	0.	0.	0.
122	122	180	T+_K	0.	0.	0.
122	122	61	T+_K	0.	0.	0.
122	122	58	T+_K	0.	0.	0.
122	122	177	T-_K	0.	0.	0.
122	122	180	T-_K	0.	0.	0.
122	122	61	T-_K	0.	0.	0.
122	122	58	T-_K	0.	0.	0.
122	122	177	G1_D	-44.01	-150.29	1.26
122	122	180	G1_D	-17.81	-92.73	-9.36
122	122	61	G1_D	-46.29	-148.58	9.44
122	122	58	G1_D	-72.27	-208.04	20.05
122	122	177	G2_D	296.51	426.08	-5.65
122	122	180	G2_D	197.75	329.77	-118.62
122	122	61	G2_D	44.2	-20.69	-161.7
122	122	58	G2_D	142.29	75.97	-48.73
122	122	177	Q_D	-34.4	-91.69	1.27
122	122	180	Q_D	-14.54	-49.76	-5.6
122	122	61	Q_D	-33.36	-90.46	8.41
122	122	58	Q_D	-53.05	-133.83	15.28
122	122	177	N_D	-4.13	-11.	0.15
122	122	180	N_D	-1.74	-5.97	-0.67
122	122	61	N_D	-4.	-10.86	1.01
122	122	58	N_D	-6.37	-16.06	1.83
122	122	177	T+_D	0.	0.	0.
122	122	180	T+_D	0.	0.	0.
122	122	61	T+_D	0.	0.	0.
122	122	58	T+_D	0.	0.	0.
122	122	177	T-_D	0.	0.	0.
122	122	180	T-_D	0.	0.	0.
122	122	61	T-_D	0.	0.	0.
122	122	58	T-_D	0.	0.	0.
122	122	177	W+_K	0.	0.	0.
122	122	180	W+_K	0.	0.	0.
122	122	61	W+_K	0.	0.	0.
122	122	58	W+_K	0.	0.	0.
122	122	177	W-_K	0.	0.	0.
122	122	180	W-_K	0.	0.	0.
122	122	61	W-_K	0.	0.	0.
122	122	58	W-_K	0.	0.	0.
122	122	177	W+_D	0.	0.	0.
122	122	180	W+_D	0.	0.	0.
122	122	61	W+_D	0.	0.	0.
122	122	58	W+_D	0.	0.	0.
122	122	177	W-_D	0.	0.	0.
122	122	180	W-_D	0.	0.	0.
122	122	61	W-_D	0.	0.	0.
122	122	58	W-_D	0.	0.	0.
122	122	177	SISMA SLV X	19.34	38.27	13.69

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
122	122	180	SISMA SLV X	9.51	27.58	12.7
122	122	61	SISMA SLV X	5.88	16.98	18.12
122	122	58	SISMA SLV X	11.69	27.89	18.92
122	122	177	SISMA SLV Y	9.21	18.64	25.13
122	122	180	SISMA SLV Y	11.96	12.72	22.48
122	122	61	SISMA SLV Y	7.12	6.85	24.47
122	122	58	SISMA SLV Y	5.23	12.66	27.08
122	122	177	SISMA SLD X	9.45	18.69	6.68
122	122	180	SISMA SLD X	4.64	13.47	6.2
122	122	61	SISMA SLD X	2.87	8.29	8.85
122	122	58	SISMA SLD X	5.71	13.62	9.24
122	122	177	SISMA SLD Y	4.5	9.1	12.28
122	122	180	SISMA SLD Y	5.84	6.21	10.98
122	122	61	SISMA SLD Y	3.48	3.34	11.95
122	122	58	SISMA SLD Y	2.55	6.19	13.23
122	122	177	SISMA SLO X	7.82	15.49	5.54
122	122	180	SISMA SLO X	3.84	11.16	5.14
122	122	61	SISMA SLO X	2.38	6.87	7.33
122	122	58	SISMA SLO X	4.73	11.29	7.66
122	122	177	SISMA SLO Y	3.72	7.54	10.17
122	122	180	SISMA SLO Y	4.84	5.15	9.09
122	122	61	SISMA SLO Y	2.88	2.77	9.9
122	122	58	SISMA SLO Y	2.11	5.12	10.96
122	122	177	SLT	0.	0.	0.
122	122	180	SLT	0.	0.	0.
122	122	61	SLT	0.	0.	0.
122	122	58	SLT	0.	0.	0.
122	122	177	~TorsionSISMA SLV X	0.	0.	0.
122	122	180	~TorsionSISMA SLV X	0.	0.	0.
122	122	61	~TorsionSISMA SLV X	0.	0.	0.
122	122	58	~TorsionSISMA SLV X	0.	0.	0.
122	122	177	~TorsionSISMA SLV Y	0.	0.	0.
122	122	180	~TorsionSISMA SLV Y	0.	0.	0.
122	122	61	~TorsionSISMA SLV Y	0.	0.	0.
122	122	58	~TorsionSISMA SLV Y	0.	0.	0.
122	122	177	~TorsionSISMA SLD X	0.	0.	0.
122	122	180	~TorsionSISMA SLD X	0.	0.	0.
122	122	61	~TorsionSISMA SLD X	0.	0.	0.
122	122	58	~TorsionSISMA SLD X	0.	0.	0.
122	122	177	~TorsionSISMA SLD Y	0.	0.	0.
122	122	180	~TorsionSISMA SLD Y	0.	0.	0.
122	122	61	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
122	122	58	~TorsionSISMA SLD Y	0.	0.	0.
122	122	177	~TorsionSISMA SLO X	0.	0.	0.
122	122	180	~TorsionSISMA SLO X	0.	0.	0.
122	122	61	~TorsionSISMA SLO X	0.	0.	0.
122	122	58	~TorsionSISMA SLO X	0.	0.	0.
122	122	177	~TorsionSISMA SLO Y	0.	0.	0.
122	122	180	~TorsionSISMA SLO Y	0.	0.	0.
122	122	61	~TorsionSISMA SLO Y	0.	0.	0.
122	122	58	~TorsionSISMA SLO Y	0.	0.	0.
123	123	58	G1_K	-65.74	-204.11	-16.82
123	123	61	G1_K	-36.7	-126.39	36.94
123	123	120	G1_K	-26.68	-180.19	69.94
123	123	125	G1_K	-55.63	-259.2	16.17
123	123	58	G2_K	97.22	81.79	-26.66
123	123	61	G2_K	77.79	118.53	-137.4
123	123	120	G2_K	-80.66	-261.37	-116.11
123	123	125	G2_K	-61.85	-298.42	-5.37
123	123	58	Q_K	-43.54	-126.08	-10.28
123	123	61	Q_K	-24.78	-76.98	24.31
123	123	120	Q_K	-17.11	-111.3	45.11
123	123	125	Q_K	-35.81	-161.22	10.52
123	123	58	N_K	-5.22	-15.13	-1.23
123	123	61	N_K	-2.97	-9.24	2.92
123	123	120	N_K	-2.05	-13.36	5.41
123	123	125	N_K	-4.3	-19.35	1.26
123	123	58	T+_K	0.	0.	0.
123	123	61	T+_K	0.	0.	0.
123	123	120	T+_K	0.	0.	0.
123	123	125	T+_K	0.	0.	0.
123	123	58	T-_K	0.	0.	0.
123	123	61	T-_K	0.	0.	0.
123	123	120	T-_K	0.	0.	0.
123	123	125	T-_K	0.	0.	0.
123	123	58	G1_D	-85.46	-265.34	-21.87
123	123	61	G1_D	-47.71	-164.31	48.02
123	123	120	G1_D	-34.68	-234.25	90.92
123	123	125	G1_D	-72.32	-336.96	21.03
123	123	58	G2_D	126.39	106.32	-34.65
123	123	61	G2_D	101.13	154.09	-178.61
123	123	120	G2_D	-104.86	-339.78	-150.94
123	123	125	G2_D	-80.41	-387.94	-6.98
123	123	58	Q_D	-65.31	-189.13	-15.42
123	123	61	Q_D	-37.17	-115.48	36.47
123	123	120	Q_D	-25.67	-166.94	67.67
123	123	125	Q_D	-53.71	-241.83	15.78
123	123	58	N_D	-7.84	-22.7	-1.85
123	123	61	N_D	-4.46	-13.86	4.38

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
123	123	120	N_D	-3.08	-20.03	8.12
123	123	125	N_D	-6.45	-29.02	1.89
123	123	58	T+_D	0.	0.	0.
123	123	61	T+_D	0.	0.	0.
123	123	120	T+_D	0.	0.	0.
123	123	125	T+_D	0.	0.	0.
123	123	58	T-_D	0.	0.	0.
123	123	61	T-_D	0.	0.	0.
123	123	120	T-_D	0.	0.	0.
123	123	125	T-_D	0.	0.	0.
123	123	58	W+_K	0.	0.	0.
123	123	61	W+_K	0.	0.	0.
123	123	120	W+_K	0.	0.	0.
123	123	125	W+_K	0.	0.	0.
123	123	58	W-_K	0.	0.	0.
123	123	61	W-_K	0.	0.	0.
123	123	120	W-_K	0.	0.	0.
123	123	125	W-_K	0.	0.	0.
123	123	58	W+_D	0.	0.	0.
123	123	61	W+_D	0.	0.	0.
123	123	120	W+_D	0.	0.	0.
123	123	125	W+_D	0.	0.	0.
123	123	58	W-_D	0.	0.	0.
123	123	61	W-_D	0.	0.	0.
123	123	120	W-_D	0.	0.	0.
123	123	125	W-_D	0.	0.	0.
123	123	58	SISMA SLV X	9.76	25.65	17.57
123	123	61	SISMA SLV X	5.83	22.17	22.11
123	123	120	SISMA SLV X	21.22	26.06	18.38
123	123	125	SISMA SLV X	18.61	34.76	12.38
123	123	58	SISMA SLV Y	5.05	9.79	25.9
123	123	61	SISMA SLV Y	7.65	9.06	26.78
123	123	120	SISMA SLV Y	9.85	15.56	18.26
123	123	125	SISMA SLV Y	11.66	16.14	17.15
123	123	58	SISMA SLD X	4.77	12.53	8.58
123	123	61	SISMA SLD X	2.85	10.83	10.8
123	123	120	SISMA SLD X	10.36	12.73	8.98
123	123	125	SISMA SLD X	9.09	16.98	6.05
123	123	58	SISMA SLD Y	2.47	4.78	12.65
123	123	61	SISMA SLD Y	3.74	4.42	13.08
123	123	120	SISMA SLD Y	4.81	7.6	8.92
123	123	125	SISMA SLD Y	5.69	7.88	8.38
123	123	58	SISMA SLO X	3.95	10.39	7.11
123	123	61	SISMA SLO X	2.36	8.97	8.95
123	123	120	SISMA SLO X	8.58	10.54	7.44
123	123	125	SISMA SLO X	7.53	14.06	5.01
123	123	58	SISMA SLO Y	2.04	3.96	10.48
123	123	61	SISMA SLO Y	3.1	3.67	10.83
123	123	120	SISMA SLO Y	3.99	6.29	7.39
123	123	125	SISMA SLO Y	4.72	6.53	6.94
123	123	58	SLT	0.	0.	0.
123	123	61	SLT	0.	0.	0.
123	123	120	SLT	0.	0.	0.
123	123	125	SLT	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
123	123	58	~TorsionSISMA SLV X	0.	0.	0.
123	123	61	~TorsionSISMA SLV X	0.	0.	0.
123	123	120	~TorsionSISMA SLV X	0.	0.	0.
123	123	125	~TorsionSISMA SLV X	0.	0.	0.
123	123	58	~TorsionSISMA SLV Y	0.	0.	0.
123	123	61	~TorsionSISMA SLV Y	0.	0.	0.
123	123	120	~TorsionSISMA SLV Y	0.	0.	0.
123	123	125	~TorsionSISMA SLV Y	0.	0.	0.
123	123	58	~TorsionSISMA SLD X	0.	0.	0.
123	123	61	~TorsionSISMA SLD X	0.	0.	0.
123	123	120	~TorsionSISMA SLD X	0.	0.	0.
123	123	125	~TorsionSISMA SLD X	0.	0.	0.
123	123	58	~TorsionSISMA SLD Y	0.	0.	0.
123	123	61	~TorsionSISMA SLD Y	0.	0.	0.
123	123	120	~TorsionSISMA SLD Y	0.	0.	0.
123	123	125	~TorsionSISMA SLD Y	0.	0.	0.
123	123	58	~TorsionSISMA SLO X	0.	0.	0.
123	123	61	~TorsionSISMA SLO X	0.	0.	0.
123	123	120	~TorsionSISMA SLO X	0.	0.	0.
123	123	125	~TorsionSISMA SLO X	0.	0.	0.
123	123	58	~TorsionSISMA SLO Y	0.	0.	0.
123	123	61	~TorsionSISMA SLO Y	0.	0.	0.
123	123	120	~TorsionSISMA SLO Y	0.	0.	0.
123	123	125	~TorsionSISMA SLO Y	0.	0.	0.
124	124	178	G1_K	-11.55	-60.99	1.92
124	124	100	G1_K	-16.99	-81.73	7.15
124	124	30	G1_K	-7.65	-103.05	11.44
124	124	59	G1_K	-2.33	-81.14	6.2
124	124	178	G2_K	-36.	-529.08	9.26
124	124	100	G2_K	-107.41	-187.97	9.21
124	124	30	G2_K	-45.55	217.36	135.03
124	124	59	G2_K	28.23	-112.93	135.08
124	124	178	Q_K	-1.14	-1.63	-0.51
124	124	100	Q_K	-1.61	-12.12	1.86
124	124	30	Q_K	1.4	-18.43	2.32

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
124	124	59	Q_K	1.76	-7.39	-5.809E-02
124	124	178	N_K	-0.14	-0.2	-6.164E-02
124	124	100	N_K	-0.19	-1.45	0.22
124	124	30	N_K	0.17	-2.21	0.28
124	124	59	N_K	0.21	-0.89	-6.971E-03
124	124	178	T+_K	0.	0.	0.
124	124	100	T+_K	0.	0.	0.
124	124	30	T+_K	0.	0.	0.
124	124	59	T+_K	0.	0.	0.
124	124	178	T-_K	0.	0.	0.
124	124	100	T-_K	0.	0.	0.
124	124	30	T-_K	0.	0.	0.
124	124	59	T-_K	0.	0.	0.
124	124	178	G1_D	-15.02	-79.29	2.49
124	124	100	G1_D	-22.09	-106.25	9.3
124	124	30	G1_D	-9.95	-133.96	14.87
124	124	59	G1_D	-3.03	-105.48	8.07
124	124	178	G2_D	-46.8	-687.8	12.04
124	124	100	G2_D	-139.63	-244.36	11.97
124	124	30	G2_D	-59.21	282.57	175.53
124	124	59	G2_D	36.7	-146.81	175.6
124	124	178	Q_D	-1.71	-2.44	-0.77
124	124	100	Q_D	-2.42	-18.18	2.79
124	124	30	Q_D	2.1	-27.64	3.48
124	124	59	Q_D	2.63	-11.08	-8.714E-02
124	124	178	N_D	-0.2	-0.29	-9.246E-02
124	124	100	N_D	-0.29	-2.18	0.34
124	124	30	N_D	0.25	-3.32	0.42
124	124	59	N_D	0.32	-1.33	-1.046E-02
124	124	178	T+_D	0.	0.	0.
124	124	100	T+_D	0.	0.	0.
124	124	30	T+_D	0.	0.	0.
124	124	59	T+_D	0.	0.	0.
124	124	178	T-_D	0.	0.	0.
124	124	100	T-_D	0.	0.	0.
124	124	30	T-_D	0.	0.	0.
124	124	59	T-_D	0.	0.	0.
124	124	178	W+_K	0.	0.	0.
124	124	100	W+_K	0.	0.	0.
124	124	30	W+_K	0.	0.	0.
124	124	59	W+_K	0.	0.	0.
124	124	178	W-_K	0.	0.	0.
124	124	100	W-_K	0.	0.	0.
124	124	30	W-_K	0.	0.	0.
124	124	59	W-_K	0.	0.	0.
124	124	178	W+_D	0.	0.	0.
124	124	100	W+_D	0.	0.	0.
124	124	30	W+_D	0.	0.	0.
124	124	59	W+_D	0.	0.	0.
124	124	178	W-_D	0.	0.	0.
124	124	100	W-_D	0.	0.	0.
124	124	30	W-_D	0.	0.	0.
124	124	59	W-_D	0.	0.	0.
124	124	178	SISMA SLV X	7.12	38.86	7.15

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
124	124	100	SISMA SLV X	6.37	32.35	5.29
124	124	30	SISMA SLV X	7.18	60.2	16.19
124	124	59	SISMA SLV X	3.95	8.27	17.73
124	124	178	SISMA SLV Y	6.38	33.52	15.28
124	124	100	SISMA SLV Y	10.29	50.49	11.3
124	124	30	SISMA SLV Y	5.	42.68	34.79
124	124	59	SISMA SLV Y	2.01	14.05	38.77
124	124	178	SISMA SLD X	3.48	18.98	3.49
124	124	100	SISMA SLD X	3.11	15.8	2.58
124	124	30	SISMA SLD X	3.51	29.4	7.91
124	124	59	SISMA SLD X	1.93	4.04	8.66
124	124	178	SISMA SLD Y	3.11	16.37	7.46
124	124	100	SISMA SLD Y	5.03	24.66	5.52
124	124	30	SISMA SLD Y	2.44	20.85	16.99
124	124	59	SISMA SLD Y	0.98	6.86	18.93
124	124	178	SISMA SLO X	2.88	15.71	2.89
124	124	100	SISMA SLO X	2.57	13.08	2.14
124	124	30	SISMA SLO X	2.9	24.36	6.55
124	124	59	SISMA SLO X	1.6	3.34	7.17
124	124	178	SISMA SLO Y	2.58	13.56	6.18
124	124	100	SISMA SLO Y	4.16	20.42	4.57
124	124	30	SISMA SLO Y	2.02	17.27	14.07
124	124	59	SISMA SLO Y	0.81	5.68	15.68
124	124	178	SLT	0.	0.	0.
124	124	100	SLT	0.	0.	0.
124	124	30	SLT	0.	0.	0.
124	124	59	SLT	0.	0.	0.
124	124	178	~TorsionSISMA SLV X	0.	0.	0.
124	124	100	~TorsionSISMA SLV X	0.	0.	0.
124	124	30	~TorsionSISMA SLV X	0.	0.	0.
124	124	59	~TorsionSISMA SLV X	0.	0.	0.
124	124	178	~TorsionSISMA SLV Y	0.	0.	0.
124	124	100	~TorsionSISMA SLV Y	0.	0.	0.
124	124	30	~TorsionSISMA SLV Y	0.	0.	0.
124	124	59	~TorsionSISMA SLV Y	0.	0.	0.
124	124	178	~TorsionSISMA SLD X	0.	0.	0.
124	124	100	~TorsionSISMA SLD X	0.	0.	0.
124	124	30	~TorsionSISMA SLD X	0.	0.	0.
124	124	59	~TorsionSISMA SLD X	0.	0.	0.
124	124	178	~TorsionSISMA SLD Y	0.	0.	0.
124	124	100	~TorsionSISMA SLD Y	0.	0.	0.
124	124	30	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
124	124	59	~TorsionSISMA SLD Y	0.	0.	0.
124	124	178	~TorsionSISMA SLO X	0.	0.	0.
124	124	100	~TorsionSISMA SLO X	0.	0.	0.
124	124	30	~TorsionSISMA SLO X	0.	0.	0.
124	124	59	~TorsionSISMA SLO X	0.	0.	0.
124	124	178	~TorsionSISMA SLO Y	0.	0.	0.
124	124	100	~TorsionSISMA SLO Y	0.	0.	0.
124	124	30	~TorsionSISMA SLO Y	0.	0.	0.
124	124	59	~TorsionSISMA SLO Y	0.	0.	0.
125	125	59	G1_K	-4.56	-75.2	2.37
125	125	30	G1_K	0.44	-79.65	4.43
125	125	163	G1_K	12.44	-79.07	-2.69
125	125	179	G1_K	7.16	-74.3	-4.75
125	125	59	G2_K	159.83	62.05	146.01
125	125	30	G2_K	-199.19	-67.89	126.96
125	125	163	G2_K	-211.46	72.26	96.43
125	125	179	G2_K	149.68	204.1	115.48
125	125	59	Q_K	-1.79	-10.61	-1.45
125	125	30	Q_K	5.35	-13.19	1.19
125	125	163	Q_K	12.55	-13.1	-0.78
125	125	179	Q_K	5.24	-10.35	-3.42
125	125	59	N_K	-0.22	-1.27	-0.17
125	125	30	N_K	0.64	-1.58	0.14
125	125	163	N_K	1.51	-1.57	-9.355E-02
125	125	179	N_K	0.63	-1.24	-0.41
125	125	59	T+_K	0.	0.	0.
125	125	30	T+_K	0.	0.	0.
125	125	163	T+_K	0.	0.	0.
125	125	179	T+_K	0.	0.	0.
125	125	59	T-_K	0.	0.	0.
125	125	30	T-_K	0.	0.	0.
125	125	163	T-_K	0.	0.	0.
125	125	179	T-_K	0.	0.	0.
125	125	59	G1_D	-5.92	-97.76	3.08
125	125	30	G1_D	0.57	-103.54	5.76
125	125	163	G1_D	16.17	-102.78	-3.5
125	125	179	G1_D	9.31	-96.59	-6.18
125	125	59	G2_D	207.78	80.67	189.81
125	125	30	G2_D	-258.95	-88.25	165.05
125	125	163	G2_D	-274.9	93.94	125.36
125	125	179	G2_D	194.59	265.33	150.12
125	125	59	Q_D	-2.69	-15.91	-2.18
125	125	30	Q_D	8.03	-19.78	1.78
125	125	163	Q_D	18.82	-19.66	-1.17
125	125	179	Q_D	7.86	-15.52	-5.13
125	125	59	N_D	-0.32	-1.91	-0.26
125	125	30	N_D	0.96	-2.37	0.21

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
125	125	163	N_D	2.26	-2.36	-0.14
125	125	179	N_D	0.94	-1.86	-0.62
125	125	59	T+_D	0.	0.	0.
125	125	30	T+_D	0.	0.	0.
125	125	163	T+_D	0.	0.	0.
125	125	179	T+_D	0.	0.	0.
125	125	59	T-_D	0.	0.	0.
125	125	30	T-_D	0.	0.	0.
125	125	163	T-_D	0.	0.	0.
125	125	179	T-_D	0.	0.	0.
125	125	59	W+_K	0.	0.	0.
125	125	30	W+_K	0.	0.	0.
125	125	163	W+_K	0.	0.	0.
125	125	179	W+_K	0.	0.	0.
125	125	59	W-_K	0.	0.	0.
125	125	30	W-_K	0.	0.	0.
125	125	163	W-_K	0.	0.	0.
125	125	179	W-_K	0.	0.	0.
125	125	59	W+_D	0.	0.	0.
125	125	30	W+_D	0.	0.	0.
125	125	163	W+_D	0.	0.	0.
125	125	179	W+_D	0.	0.	0.
125	125	59	W-_D	0.	0.	0.
125	125	30	W-_D	0.	0.	0.
125	125	163	W-_D	0.	0.	0.
125	125	179	W-_D	0.	0.	0.
125	125	59	SISMA SLV X	2.33	10.14	15.25
125	125	30	SISMA SLV X	4.38	35.19	14.59
125	125	163	SISMA SLV X	7.31	49.08	17.
125	125	179	SISMA SLV X	6.77	19.93	17.13
125	125	59	SISMA SLV Y	1.6	18.91	31.79
125	125	30	SISMA SLV Y	4.33	37.84	28.67
125	125	163	SISMA SLV Y	9.93	29.28	27.38
125	125	179	SISMA SLV Y	12.76	9.46	30.3
125	125	59	SISMA SLD X	1.14	4.95	7.45
125	125	30	SISMA SLD X	2.14	17.19	7.13
125	125	163	SISMA SLD X	3.57	23.97	8.3
125	125	179	SISMA SLD X	3.31	9.73	8.36
125	125	59	SISMA SLD Y	0.78	9.24	15.53
125	125	30	SISMA SLD Y	2.12	18.48	14.
125	125	163	SISMA SLD Y	4.85	14.3	13.37
125	125	179	SISMA SLD Y	6.23	4.62	14.8
125	125	59	SISMA SLO X	0.94	4.1	6.17
125	125	30	SISMA SLO X	1.77	14.24	5.9
125	125	163	SISMA SLO X	2.96	19.86	6.88
125	125	179	SISMA SLO X	2.73	8.06	6.93
125	125	59	SISMA SLO Y	0.64	7.65	12.86
125	125	30	SISMA SLO Y	1.75	15.31	11.6
125	125	163	SISMA SLO Y	4.02	11.85	11.08
125	125	179	SISMA SLO Y	5.16	3.83	12.26
125	125	59	SLT	0.	0.	0.
125	125	30	SLT	0.	0.	0.
125	125	163	SLT	0.	0.	0.
125	125	179	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
125	125	59	~TorsionSISMA SLV X	0.	0.	0.
125	125	30	~TorsionSISMA SLV X	0.	0.	0.
125	125	163	~TorsionSISMA SLV X	0.	0.	0.
125	125	179	~TorsionSISMA SLV X	0.	0.	0.
125	125	59	~TorsionSISMA SLV Y	0.	0.	0.
125	125	30	~TorsionSISMA SLV Y	0.	0.	0.
125	125	163	~TorsionSISMA SLV Y	0.	0.	0.
125	125	179	~TorsionSISMA SLV Y	0.	0.	0.
125	125	59	~TorsionSISMA SLD X	0.	0.	0.
125	125	30	~TorsionSISMA SLD X	0.	0.	0.
125	125	163	~TorsionSISMA SLD X	0.	0.	0.
125	125	179	~TorsionSISMA SLD X	0.	0.	0.
125	125	59	~TorsionSISMA SLD Y	0.	0.	0.
125	125	30	~TorsionSISMA SLD Y	0.	0.	0.
125	125	163	~TorsionSISMA SLD Y	0.	0.	0.
125	125	179	~TorsionSISMA SLD Y	0.	0.	0.
125	125	59	~TorsionSISMA SLO X	0.	0.	0.
125	125	30	~TorsionSISMA SLO X	0.	0.	0.
125	125	163	~TorsionSISMA SLO X	0.	0.	0.
125	125	179	~TorsionSISMA SLO X	0.	0.	0.
125	125	59	~TorsionSISMA SLO Y	0.	0.	0.
125	125	30	~TorsionSISMA SLO Y	0.	0.	0.
125	125	163	~TorsionSISMA SLO Y	0.	0.	0.
125	125	179	~TorsionSISMA SLO Y	0.	0.	0.
126	126	179	G1_K	0.68	-66.98	-11.03
126	126	163	G1_K	26.18	-50.07	3.45
126	126	32	G1_K	40.12	-52.77	1.55
126	126	60	G1_K	14.22	-68.53	-12.93
126	126	179	G2_K	205.05	247.69	110.44
126	126	163	G2_K	-277.81	-26.29	93.36
126	126	32	G2_K	-290.69	0.83	12.55
126	126	60	G2_K	192.68	275.07	29.62
126	126	179	Q_K	0.19	-13.15	-6.41
126	126	163	Q_K	18.49	-5.82	2.7
126	126	32	Q_K	28.33	-7.62	1.62

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
126	126	60	Q_K	9.81	-14.28	-7.49
126	126	179	N_K	2.339E-02	-1.58	-0.77
126	126	163	N_K	2.22	-0.7	0.32
126	126	32	N_K	3.4	-0.91	0.19
126	126	60	N_K	1.18	-1.71	-0.9
126	126	179	T+_K	0.	0.	0.
126	126	163	T+_K	0.	0.	0.
126	126	32	T+_K	0.	0.	0.
126	126	60	T+_K	0.	0.	0.
126	126	179	T-_K	0.	0.	0.
126	126	163	T-_K	0.	0.	0.
126	126	32	T-_K	0.	0.	0.
126	126	60	T-_K	0.	0.	0.
126	126	179	G1_D	0.89	-87.07	-14.34
126	126	163	G1_D	34.04	-65.1	4.48
126	126	32	G1_D	52.15	-68.6	2.01
126	126	60	G1_D	18.49	-89.09	-16.81
126	126	179	G2_D	266.56	322.	143.57
126	126	163	G2_D	-361.16	-34.18	121.37
126	126	32	G2_D	-377.9	1.08	16.31
126	126	60	G2_D	250.48	357.6	38.51
126	126	179	Q_D	0.29	-19.73	-9.61
126	126	163	Q_D	27.73	-8.73	4.05
126	126	32	Q_D	42.5	-11.43	2.43
126	126	60	Q_D	14.71	-21.43	-11.24
126	126	179	N_D	3.508E-02	-2.37	-1.15
126	126	163	N_D	3.33	-1.05	0.49
126	126	32	N_D	5.1	-1.37	0.29
126	126	60	N_D	1.77	-2.57	-1.35
126	126	179	T+_D	0.	0.	0.
126	126	163	T+_D	0.	0.	0.
126	126	32	T+_D	0.	0.	0.
126	126	60	T+_D	0.	0.	0.
126	126	179	T-_D	0.	0.	0.
126	126	163	T-_D	0.	0.	0.
126	126	32	T-_D	0.	0.	0.
126	126	60	T-_D	0.	0.	0.
126	126	179	W+_K	0.	0.	0.
126	126	163	W+_K	0.	0.	0.
126	126	32	W+_K	0.	0.	0.
126	126	60	W+_K	0.	0.	0.
126	126	179	W-_K	0.	0.	0.
126	126	163	W-_K	0.	0.	0.
126	126	32	W-_K	0.	0.	0.
126	126	60	W-_K	0.	0.	0.
126	126	179	W+_D	0.	0.	0.
126	126	163	W+_D	0.	0.	0.
126	126	32	W+_D	0.	0.	0.
126	126	60	W+_D	0.	0.	0.
126	126	179	W-_D	0.	0.	0.
126	126	163	W-_D	0.	0.	0.
126	126	32	W-_D	0.	0.	0.
126	126	60	W-_D	0.	0.	0.
126	126	179	SISMA SLV X	9.13	21.32	18.25

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
126	126	163	SISMA SLV X	16.25	22.1	16.7
126	126	32	SISMA SLV X	18.65	32.04	12.59
126	126	60	SISMA SLV X	12.52	32.56	14.35
126	126	179	SISMA SLV Y	11.59	12.34	31.7
126	126	163	SISMA SLV Y	11.8	24.79	26.81
126	126	32	SISMA SLV Y	19.76	17.32	22.41
126	126	60	SISMA SLV Y	20.24	15.39	27.32
126	126	179	SISMA SLD X	4.46	10.41	8.92
126	126	163	SISMA SLD X	7.94	10.79	8.16
126	126	32	SISMA SLD X	9.11	15.65	6.15
126	126	60	SISMA SLD X	6.12	15.9	7.01
126	126	179	SISMA SLD Y	5.66	6.03	15.48
126	126	163	SISMA SLD Y	5.76	12.11	13.09
126	126	32	SISMA SLD Y	9.65	8.46	10.94
126	126	60	SISMA SLD Y	9.88	7.52	13.34
126	126	179	SISMA SLO X	3.69	8.63	7.38
126	126	163	SISMA SLO X	6.58	8.94	6.76
126	126	32	SISMA SLO X	7.55	12.96	5.09
126	126	60	SISMA SLO X	5.06	13.17	5.8
126	126	179	SISMA SLO Y	4.69	4.99	12.82
126	126	163	SISMA SLO Y	4.77	10.03	10.84
126	126	32	SISMA SLO Y	7.99	7.01	9.06
126	126	60	SISMA SLO Y	8.19	6.23	11.05
126	126	179	SLT	0.	0.	0.
126	126	163	SLT	0.	0.	0.
126	126	32	SLT	0.	0.	0.
126	126	60	SLT	0.	0.	0.
126	126	179	~TorsionSISMA SLV X	0.	0.	0.
126	126	163	~TorsionSISMA SLV X	0.	0.	0.
126	126	32	~TorsionSISMA SLV X	0.	0.	0.
126	126	60	~TorsionSISMA SLV X	0.	0.	0.
126	126	179	~TorsionSISMA SLV Y	0.	0.	0.
126	126	163	~TorsionSISMA SLV Y	0.	0.	0.
126	126	32	~TorsionSISMA SLV Y	0.	0.	0.
126	126	60	~TorsionSISMA SLV Y	0.	0.	0.
126	126	179	~TorsionSISMA SLD X	0.	0.	0.
126	126	163	~TorsionSISMA SLD X	0.	0.	0.
126	126	32	~TorsionSISMA SLD X	0.	0.	0.
126	126	60	~TorsionSISMA SLD X	0.	0.	0.
126	126	179	~TorsionSISMA SLD Y	0.	0.	0.
126	126	163	~TorsionSISMA SLD Y	0.	0.	0.
126	126	32	~TorsionSISMA SLD Y	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
126	126	60	~TorsionSISMA SLD Y	0.	0.	0.
126	126	179	~TorsionSISMA SLO X	0.	0.	0.
126	126	163	~TorsionSISMA SLO X	0.	0.	0.
126	126	32	~TorsionSISMA SLO X	0.	0.	0.
126	126	60	~TorsionSISMA SLO X	0.	0.	0.
126	126	179	~TorsionSISMA SLO Y	0.	0.	0.
126	126	163	~TorsionSISMA SLO Y	0.	0.	0.
126	126	32	~TorsionSISMA SLO Y	0.	0.	0.
126	126	60	~TorsionSISMA SLO Y	0.	0.	0.
127	127	60	G1_K	7.78	-64.53	-7.09
127	127	32	G1_K	54.02	-19.46	-0.19
127	127	165	G1_K	61.51	-30.89	2.12
127	127	180	G1_K	15.12	-76.44	-4.78
127	127	60	G2_K	176.34	245.24	8.41
127	127	32	G2_K	-284.88	-21.97	24.82
127	127	165	G2_K	-275.99	-35.37	-53.36
127	127	180	G2_K	184.04	231.86	-69.77
127	127	60	Q_K	4.44	-20.17	-3.69
127	127	32	Q_K	35.36	6.59	0.61
127	127	165	Q_K	41.08	-1.14	2.25
127	127	180	Q_K	10.08	-28.23	-2.05
127	127	60	N_K	0.53	-2.42	-0.44
127	127	32	N_K	4.24	0.79	7.380E-02
127	127	165	N_K	4.93	-0.14	0.27
127	127	180	N_K	1.21	-3.39	-0.25
127	127	60	T+_K	0.	0.	0.
127	127	32	T+_K	0.	0.	0.
127	127	165	T+_K	0.	0.	0.
127	127	180	T+_K	0.	0.	0.
127	127	60	T-_K	0.	0.	0.
127	127	32	T-_K	0.	0.	0.
127	127	165	T-_K	0.	0.	0.
127	127	180	T-_K	0.	0.	0.
127	127	60	G1_D	10.12	-83.89	-9.22
127	127	32	G1_D	70.23	-25.29	-0.25
127	127	165	G1_D	79.96	-40.15	2.76
127	127	180	G1_D	19.65	-99.37	-6.21
127	127	60	G2_D	229.24	318.81	10.94
127	127	32	G2_D	-370.34	-28.55	32.27
127	127	165	G2_D	-358.79	-45.99	-69.37
127	127	180	G2_D	239.26	301.42	-90.71
127	127	60	Q_D	6.66	-30.26	-5.53
127	127	32	Q_D	53.05	9.88	0.92
127	127	165	Q_D	61.62	-1.72	3.37
127	127	180	Q_D	15.12	-42.35	-3.08
127	127	60	N_D	0.8	-3.63	-0.66
127	127	32	N_D	6.37	1.19	0.11

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
127	127	165	N_D	7.39	-0.21	0.4
127	127	180	N_D	1.81	-5.08	-0.37
127	127	60	T+_D	0.	0.	0.
127	127	32	T+_D	0.	0.	0.
127	127	165	T+_D	0.	0.	0.
127	127	180	T+_D	0.	0.	0.
127	127	60	T-_D	0.	0.	0.
127	127	32	T-_D	0.	0.	0.
127	127	165	T-_D	0.	0.	0.
127	127	180	T-_D	0.	0.	0.
127	127	60	W+_K	0.	0.	0.
127	127	32	W+_K	0.	0.	0.
127	127	165	W+_K	0.	0.	0.
127	127	180	W+_K	0.	0.	0.
127	127	60	W-_K	0.	0.	0.
127	127	32	W-_K	0.	0.	0.
127	127	165	W-_K	0.	0.	0.
127	127	180	W-_K	0.	0.	0.
127	127	60	W+_D	0.	0.	0.
127	127	32	W+_D	0.	0.	0.
127	127	165	W+_D	0.	0.	0.
127	127	180	W+_D	0.	0.	0.
127	127	60	W-_D	0.	0.	0.
127	127	32	W-_D	0.	0.	0.
127	127	165	W-_D	0.	0.	0.
127	127	180	W-_D	0.	0.	0.
127	127	60	SISMA SLV X	12.89	26.39	14.48
127	127	32	SISMA SLV X	24.7	15.32	12.99
127	127	165	SISMA SLV X	24.89	21.19	6.63
127	127	180	SISMA SLV X	14.11	33.12	10.15
127	127	60	SISMA SLV Y	17.85	11.76	29.38
127	127	32	SISMA SLV Y	21.5	15.3	20.94
127	127	165	SISMA SLV Y	23.45	10.35	14.09
127	127	180	SISMA SLV Y	20.11	17.09	22.72
127	127	60	SISMA SLD X	6.3	12.89	7.07
127	127	32	SISMA SLD X	12.07	7.48	6.34
127	127	165	SISMA SLD X	12.16	10.35	3.24
127	127	180	SISMA SLD X	6.89	16.18	4.96
127	127	60	SISMA SLD Y	8.72	5.74	14.35
127	127	32	SISMA SLD Y	10.5	7.47	10.23
127	127	165	SISMA SLD Y	11.45	5.05	6.88
127	127	180	SISMA SLD Y	9.82	8.35	11.1
127	127	60	SISMA SLO X	5.21	10.68	5.86
127	127	32	SISMA SLO X	10.	6.2	5.25
127	127	165	SISMA SLO X	10.07	8.57	2.68
127	127	180	SISMA SLO X	5.7	13.4	4.11
127	127	60	SISMA SLO Y	7.22	4.76	11.88
127	127	32	SISMA SLO Y	8.7	6.19	8.47
127	127	165	SISMA SLO Y	9.49	4.19	5.7
127	127	180	SISMA SLO Y	8.13	6.91	9.19
127	127	60	SLT	0.	0.	0.
127	127	32	SLT	0.	0.	0.
127	127	165	SLT	0.	0.	0.
127	127	180	SLT	0.	0.	0.

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
127	127	60	~TorsionSISMA SLV X	0.	0.	0.
127	127	32	~TorsionSISMA SLV X	0.	0.	0.
127	127	165	~TorsionSISMA SLV X	0.	0.	0.
127	127	180	~TorsionSISMA SLV X	0.	0.	0.
127	127	60	~TorsionSISMA SLV Y	0.	0.	0.
127	127	32	~TorsionSISMA SLV Y	0.	0.	0.
127	127	165	~TorsionSISMA SLV Y	0.	0.	0.
127	127	180	~TorsionSISMA SLV Y	0.	0.	0.
127	127	60	~TorsionSISMA SLD X	0.	0.	0.
127	127	32	~TorsionSISMA SLD X	0.	0.	0.
127	127	165	~TorsionSISMA SLD X	0.	0.	0.
127	127	180	~TorsionSISMA SLD X	0.	0.	0.
127	127	60	~TorsionSISMA SLD Y	0.	0.	0.
127	127	32	~TorsionSISMA SLD Y	0.	0.	0.
127	127	165	~TorsionSISMA SLD Y	0.	0.	0.
127	127	180	~TorsionSISMA SLD Y	0.	0.	0.
127	127	60	~TorsionSISMA SLO X	0.	0.	0.
127	127	32	~TorsionSISMA SLO X	0.	0.	0.
127	127	165	~TorsionSISMA SLO X	0.	0.	0.
127	127	180	~TorsionSISMA SLO X	0.	0.	0.
127	127	60	~TorsionSISMA SLO Y	0.	0.	0.
127	127	32	~TorsionSISMA SLO Y	0.	0.	0.
127	127	165	~TorsionSISMA SLO Y	0.	0.	0.
127	127	180	~TorsionSISMA SLO Y	0.	0.	0.
128	128	180	G1_K	13.92	-66.22	-2.39
128	128	165	G1_K	71.43	2.55	8.96
128	128	34	G1_K	62.48	-36.56	10.13
128	128	61	G1_K	5.04	-105.75	-1.22
128	128	180	G2_K	107.77	142.26	-79.9
128	128	165	G2_K	-211.22	-3.28	-52.28
128	128	34	G2_K	-190.88	-41.06	-87.84
128	128	61	G2_K	125.6	104.94	-115.46
128	128	180	Q_K	8.06	-29.55	-0.47
128	128	165	Q_K	45.68	13.04	6.51
128	128	34	Q_K	41.09	-12.35	7.05

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
128	128	61	Q_K	3.53	-55.23	7.288E-02
128	128	180	N_K	0.97	-3.55	-5.634E-02
128	128	165	N_K	5.48	1.57	0.78
128	128	34	N_K	4.93	-1.48	0.85
128	128	61	N_K	0.42	-6.63	8.746E-03
128	128	180	T+_K	0.	0.	0.
128	128	165	T+_K	0.	0.	0.
128	128	34	T+_K	0.	0.	0.
128	128	61	T+_K	0.	0.	0.
128	128	180	T-_K	0.	0.	0.
128	128	165	T-_K	0.	0.	0.
128	128	34	T-_K	0.	0.	0.
128	128	61	T-_K	0.	0.	0.
128	128	180	G1_D	18.1	-86.08	-3.11
128	128	165	G1_D	92.86	3.31	11.65
128	128	34	G1_D	81.22	-47.53	13.17
128	128	61	G1_D	6.55	-137.48	-1.59
128	128	180	G2_D	140.1	184.94	-103.87
128	128	165	G2_D	-274.59	-4.26	-67.97
128	128	34	G2_D	-248.15	-53.38	-114.2
128	128	61	G2_D	163.28	136.43	-150.1
128	128	180	Q_D	12.09	-44.32	-0.7
128	128	165	Q_D	68.52	19.56	9.76
128	128	34	Q_D	61.64	-18.53	10.58
128	128	61	Q_D	5.29	-82.85	0.11
128	128	180	N_D	1.45	-5.32	-8.451E-02
128	128	165	N_D	8.22	2.35	1.17
128	128	34	N_D	7.4	-2.22	1.27
128	128	61	N_D	0.63	-9.94	1.312E-02
128	128	180	T+_D	0.	0.	0.
128	128	165	T+_D	0.	0.	0.
128	128	34	T+_D	0.	0.	0.
128	128	61	T+_D	0.	0.	0.
128	128	180	T-_D	0.	0.	0.
128	128	165	T-_D	0.	0.	0.
128	128	34	T-_D	0.	0.	0.
128	128	61	T-_D	0.	0.	0.
128	128	180	W+_K	0.	0.	0.
128	128	165	W+_K	0.	0.	0.
128	128	34	W+_K	0.	0.	0.
128	128	61	W+_K	0.	0.	0.
128	128	180	W-_K	0.	0.	0.
128	128	165	W-_K	0.	0.	0.
128	128	34	W-_K	0.	0.	0.
128	128	61	W-_K	0.	0.	0.
128	128	180	W+_D	0.	0.	0.
128	128	165	W+_D	0.	0.	0.
128	128	34	W+_D	0.	0.	0.
128	128	61	W+_D	0.	0.	0.
128	128	180	W-_D	0.	0.	0.
128	128	165	W-_D	0.	0.	0.
128	128	34	W-_D	0.	0.	0.
128	128	61	W-_D	0.	0.	0.
128	128	180	SISMA SLV X	10.69	21.75	11.22

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
128	128	165	SISMA SLV X	26.43	10.4	6.66
128	128	34	SISMA SLV X	23.42	11.15	5.29
128	128	61	SISMA SLV X	9.56	23.81	13.07
128	128	180	SISMA SLV Y	16.26	9.56	24.43
128	128	165	SISMA SLV Y	25.36	6.81	12.58
128	128	34	SISMA SLV Y	19.37	5.2	7.49
128	128	61	SISMA SLV Y	10.29	11.31	19.59
128	128	180	SISMA SLD X	5.22	10.62	5.48
128	128	165	SISMA SLD X	12.91	5.08	3.25
128	128	34	SISMA SLD X	11.44	5.45	2.58
128	128	61	SISMA SLD X	4.67	11.63	6.38
128	128	180	SISMA SLD Y	7.94	4.67	11.93
128	128	165	SISMA SLD Y	12.39	3.32	6.15
128	128	34	SISMA SLD Y	9.46	2.54	3.66
128	128	61	SISMA SLD Y	5.03	5.52	9.57
128	128	180	SISMA SLO X	4.32	8.8	4.54
128	128	165	SISMA SLO X	10.7	4.21	2.69
128	128	34	SISMA SLO X	9.48	4.51	2.14
128	128	61	SISMA SLO X	3.86	9.64	5.29
128	128	180	SISMA SLO Y	6.58	3.87	9.88
128	128	165	SISMA SLO Y	10.26	2.75	5.09
128	128	34	SISMA SLO Y	7.83	2.1	3.03
128	128	61	SISMA SLO Y	4.16	4.58	7.93
128	128	180	SLT	0.	0.	0.
128	128	165	SLT	0.	0.	0.
128	128	34	SLT	0.	0.	0.
128	128	61	SLT	0.	0.	0.
128	128	180	~TorsionSISMA SLV X	0.	0.	0.
128	128	165	~TorsionSISMA SLV X	0.	0.	0.
128	128	34	~TorsionSISMA SLV X	0.	0.	0.
128	128	61	~TorsionSISMA SLV X	0.	0.	0.
128	128	180	~TorsionSISMA SLV Y	0.	0.	0.
128	128	165	~TorsionSISMA SLV Y	0.	0.	0.
128	128	34	~TorsionSISMA SLV Y	0.	0.	0.
128	128	61	~TorsionSISMA SLV Y	0.	0.	0.
128	128	180	~TorsionSISMA SLD X	0.	0.	0.
128	128	165	~TorsionSISMA SLD X	0.	0.	0.
128	128	34	~TorsionSISMA SLD X	0.	0.	0.
128	128	61	~TorsionSISMA SLD X	0.	0.	0.
128	128	180	~TorsionSISMA SLD Y	0.	0.	0.
128	128	165	~TorsionSISMA SLD Y	0.	0.	0.
128	128	34	~TorsionSISMA SLD Y	0.	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
128	128	61	~TorsionSISMA SLD Y	0.	0.	0.
128	128	180	~TorsionSISMA SLO X	0.	0.	0.
128	128	165	~TorsionSISMA SLO X	0.	0.	0.
128	128	34	~TorsionSISMA SLO X	0.	0.	0.
128	128	61	~TorsionSISMA SLO X	0.	0.	0.
128	128	180	~TorsionSISMA SLO Y	0.	0.	0.
128	128	165	~TorsionSISMA SLO Y	0.	0.	0.
128	128	34	~TorsionSISMA SLO Y	0.	0.	0.
128	128	61	~TorsionSISMA SLO Y	0.	0.	0.
129	129	61	G1_K	8.74	-114.64	27.92
129	129	34	G1_K	71.74	37.15	-12.01
129	129	104	G1_K	-6.17	-34.3	25.01
129	129	120	G1_K	-68.23	-191.16	64.93
129	129	61	G2_K	14.15	-19.34	-130.33
129	129	34	G2_K	-92.2	19.41	-82.77
129	129	104	G2_K	-65.3	-73.02	-52.93
129	129	120	G2_K	38.21	-112.46	-100.49
129	129	61	Q_K	4.46	-69.19	18.49
129	129	34	Q_K	45.36	27.63	-7.04
129	129	104	Q_K	-3.25	-18.46	16.4
129	129	120	Q_K	-43.55	-118.53	41.93
129	129	61	N_K	0.53	-8.3	2.22
129	129	34	N_K	5.44	3.32	-0.84
129	129	104	N_K	-0.39	-2.22	1.97
129	129	120	N_K	-5.23	-14.22	5.03
129	129	61	T+_K	0.	0.	0.
129	129	34	T+_K	0.	0.	0.
129	129	104	T+_K	0.	0.	0.
129	129	120	T+_K	0.	0.	0.
129	129	61	T-_K	0.	0.	0.
129	129	34	T-_K	0.	0.	0.
129	129	104	T-_K	0.	0.	0.
129	129	120	T-_K	0.	0.	0.
129	129	61	G1_D	11.37	-149.04	36.29
129	129	34	G1_D	93.27	48.29	-15.61
129	129	104	G1_D	-8.02	-44.59	32.51
129	129	120	G1_D	-88.7	-248.5	84.41
129	129	61	G2_D	18.4	-25.14	-169.43
129	129	34	G2_D	-119.86	25.23	-107.6
129	129	104	G2_D	-84.89	-94.93	-68.81
129	129	120	G2_D	49.67	-146.2	-130.64
129	129	61	Q_D	6.69	-103.78	27.74
129	129	34	Q_D	68.04	41.44	-10.55
129	129	104	Q_D	-4.87	-27.69	24.6
129	129	120	Q_D	-65.32	-177.8	62.89
129	129	61	N_D	0.8	-12.45	3.33
129	129	34	N_D	8.17	4.97	-1.27

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Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
129	129	104	N_D	-0.58	-3.32	2.95
129	129	120	N_D	-7.84	-21.34	7.55
129	129	61	T+_D	0.	0.	0.
129	129	34	T+_D	0.	0.	0.
129	129	104	T+_D	0.	0.	0.
129	129	120	T+_D	0.	0.	0.
129	129	61	T-_D	0.	0.	0.
129	129	34	T-_D	0.	0.	0.
129	129	104	T-_D	0.	0.	0.
129	129	120	T-_D	0.	0.	0.
129	129	61	W+_K	0.	0.	0.
129	129	34	W+_K	0.	0.	0.
129	129	104	W+_K	0.	0.	0.
129	129	120	W+_K	0.	0.	0.
129	129	61	W-_K	0.	0.	0.
129	129	34	W-_K	0.	0.	0.
129	129	104	W-_K	0.	0.	0.
129	129	120	W-_K	0.	0.	0.
129	129	61	W+_D	0.	0.	0.
129	129	34	W+_D	0.	0.	0.
129	129	104	W+_D	0.	0.	0.
129	129	120	W+_D	0.	0.	0.
129	129	61	W-_D	0.	0.	0.
129	129	34	W-_D	0.	0.	0.
129	129	104	W-_D	0.	0.	0.
129	129	120	W-_D	0.	0.	0.
129	129	61	SISMA SLV X	3.5	11.9	16.52
129	129	34	SISMA SLV X	20.01	9.	5.52
129	129	104	SISMA SLV X	15.7	2.55	4.67
129	129	120	SISMA SLV X	8.83	19.47	16.61
129	129	61	SISMA SLV Y	6.27	6.09	21.51
129	129	34	SISMA SLV Y	20.49	5.25	6.05
129	129	104	SISMA SLV Y	8.08	2.72	3.4
129	129	120	SISMA SLV Y	9.31	12.64	18.87
129	129	61	SISMA SLD X	1.71	5.81	8.07
129	129	34	SISMA SLD X	9.77	4.39	2.7
129	129	104	SISMA SLD X	7.67	1.24	2.28
129	129	120	SISMA SLD X	4.31	9.51	8.11
129	129	61	SISMA SLD Y	3.06	2.97	10.51
129	129	34	SISMA SLD Y	10.01	2.56	2.95
129	129	104	SISMA SLD Y	3.95	1.33	1.66
129	129	120	SISMA SLD Y	4.55	6.17	9.22
129	129	61	SISMA SLO X	1.42	4.82	6.69
129	129	34	SISMA SLO X	8.1	3.64	2.23
129	129	104	SISMA SLO X	6.35	1.03	1.89
129	129	120	SISMA SLO X	3.57	7.88	6.72
129	129	61	SISMA SLO Y	2.53	2.46	8.7
129	129	34	SISMA SLO Y	8.29	2.12	2.45
129	129	104	SISMA SLO Y	3.27	1.1	1.38
129	129	120	SISMA SLO Y	3.77	5.11	7.63
129	129	61	SLT	0.	0.	0.
129	129	34	SLT	0.	0.	0.
129	129	104	SLT	0.	0.	0.
129	129	120	SLT	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 2 of 3

Area	AreaElem	Joint	OutputCase	S11Bot KN/m2	S22Bot KN/m2	S12Bot KN/m2
129	129	61	~TorsionSISMA SLV X	0.	0.	0.
129	129	34	~TorsionSISMA SLV X	0.	0.	0.
129	129	104	~TorsionSISMA SLV X	0.	0.	0.
129	129	120	~TorsionSISMA SLV X	0.	0.	0.
129	129	61	~TorsionSISMA SLV Y	0.	0.	0.
129	129	34	~TorsionSISMA SLV Y	0.	0.	0.
129	129	104	~TorsionSISMA SLV Y	0.	0.	0.
129	129	120	~TorsionSISMA SLV Y	0.	0.	0.
129	129	61	~TorsionSISMA SLD X	0.	0.	0.
129	129	34	~TorsionSISMA SLD X	0.	0.	0.
129	129	104	~TorsionSISMA SLD X	0.	0.	0.
129	129	120	~TorsionSISMA SLD X	0.	0.	0.
129	129	61	~TorsionSISMA SLD Y	0.	0.	0.
129	129	34	~TorsionSISMA SLD Y	0.	0.	0.
129	129	104	~TorsionSISMA SLD Y	0.	0.	0.
129	129	120	~TorsionSISMA SLD Y	0.	0.	0.
129	129	61	~TorsionSISMA SLO X	0.	0.	0.
129	129	34	~TorsionSISMA SLO X	0.	0.	0.
129	129	104	~TorsionSISMA SLO X	0.	0.	0.
129	129	120	~TorsionSISMA SLO X	0.	0.	0.
129	129	61	~TorsionSISMA SLO Y	0.	0.	0.
129	129	34	~TorsionSISMA SLO Y	0.	0.	0.
129	129	104	~TorsionSISMA SLO Y	0.	0.	0.
129	129	120	~TorsionSISMA SLO Y	0.	0.	0.

Table 25: Element Stresses - Area Shells, Part 3 of 3

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
1	1	149	G1_K	-4.65	5.37
1	1	148	G1_K	-4.65	5.37
1	1	1	G1_K	-4.65	5.37
1	1	112	G1_K	-4.65	5.37

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
1	1	149	G2_K	3.94	-5.
1	1	148	G2_K	3.94	-5.
1	1	1	G2_K	3.94	-5.
1	1	112	G2_K	3.94	-5.
1	1	149	Q_K	-3.02	3.62
1	1	148	Q_K	-3.02	3.62
1	1	1	Q_K	-3.02	3.62
1	1	112	Q_K	-3.02	3.62
1	1	149	N_K	-0.36	0.43
1	1	148	N_K	-0.36	0.43
1	1	1	N_K	-0.36	0.43
1	1	112	N_K	-0.36	0.43
1	1	149	T+_K	0.	0.
1	1	148	T+_K	0.	0.
1	1	1	T+_K	0.	0.
1	1	112	T+_K	0.	0.
1	1	149	T-_K	0.	0.
1	1	148	T-_K	0.	0.
1	1	1	T-_K	0.	0.
1	1	112	T-_K	0.	0.
1	1	149	G1_D	-6.05	6.98
1	1	148	G1_D	-6.05	6.98
1	1	1	G1_D	-6.05	6.98
1	1	112	G1_D	-6.05	6.98
1	1	149	G2_D	5.12	-6.5
1	1	148	G2_D	5.12	-6.5
1	1	1	G2_D	5.12	-6.5
1	1	112	G2_D	5.12	-6.5
1	1	149	Q_D	-4.54	5.42
1	1	148	Q_D	-4.54	5.42
1	1	1	Q_D	-4.54	5.42
1	1	112	Q_D	-4.54	5.42
1	1	149	N_D	-0.54	0.65
1	1	148	N_D	-0.54	0.65
1	1	1	N_D	-0.54	0.65
1	1	112	N_D	-0.54	0.65
1	1	149	T+_D	0.	0.
1	1	148	T+_D	0.	0.
1	1	1	T+_D	0.	0.
1	1	112	T+_D	0.	0.
1	1	149	T-_D	0.	0.
1	1	148	T-_D	0.	0.
1	1	1	T-_D	0.	0.
1	1	112	T-_D	0.	0.
1	1	149	W+_K	0.	0.
1	1	148	W+_K	0.	0.
1	1	1	W+_K	0.	0.
1	1	112	W+_K	0.	0.
1	1	149	W-_K	0.	0.
1	1	148	W-_K	0.	0.
1	1	1	W-_K	0.	0.
1	1	112	W-_K	0.	0.
1	1	149	W+_D	0.	0.
1	1	148	W+_D	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
1	1	1	W+_D	0.	0.
1	1	112	W+_D	0.	0.
1	1	149	W-_D	0.	0.
1	1	148	W-_D	0.	0.
1	1	1	W-_D	0.	0.
1	1	112	W-_D	0.	0.
1	1	149	SISMA SLV X	1.04	1.59
1	1	148	SISMA SLV X	1.04	1.59
1	1	1	SISMA SLV X	1.04	1.59
1	1	112	SISMA SLV X	1.04	1.59
1	1	149	SISMA SLV Y	1.86	2.3
1	1	148	SISMA SLV Y	1.86	2.3
1	1	1	SISMA SLV Y	1.86	2.3
1	1	112	SISMA SLV Y	1.86	2.3
1	1	149	SISMA SLD X	0.51	0.77
1	1	148	SISMA SLD X	0.51	0.77
1	1	1	SISMA SLD X	0.51	0.77
1	1	112	SISMA SLD X	0.51	0.77
1	1	149	SISMA SLD Y	0.91	1.12
1	1	148	SISMA SLD Y	0.91	1.12
1	1	1	SISMA SLD Y	0.91	1.12
1	1	112	SISMA SLD Y	0.91	1.12
1	1	149	SISMA SLO X	0.42	0.64
1	1	148	SISMA SLO X	0.42	0.64
1	1	1	SISMA SLO X	0.42	0.64
1	1	112	SISMA SLO X	0.42	0.64
1	1	149	SISMA SLO Y	0.75	0.93
1	1	148	SISMA SLO Y	0.75	0.93
1	1	1	SISMA SLO Y	0.75	0.93
1	1	112	SISMA SLO Y	0.75	0.93
1	1	149	SLT	0.	0.
1	1	148	SLT	0.	0.
1	1	1	SLT	0.	0.
1	1	112	SLT	0.	0.
1	1	149	~TorsionSISMA SLV X	0.	0.
1	1	148	~TorsionSISMA SLV X	0.	0.
1	1	1	~TorsionSISMA SLV X	0.	0.
1	1	112	~TorsionSISMA SLV X	0.	0.
1	1	149	~TorsionSISMA SLV Y	0.	0.
1	1	148	~TorsionSISMA SLV Y	0.	0.
1	1	1	~TorsionSISMA SLV Y	0.	0.
1	1	112	~TorsionSISMA SLV Y	0.	0.
1	1	149	~TorsionSISMA SLD X	0.	0.
1	1	148	~TorsionSISMA SLD X	0.	0.
1	1	1	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
1	1	112	~TorsionSISMA SLD X	0.	0.
1	1	149	~TorsionSISMA SLD Y	0.	0.
1	1	148	~TorsionSISMA SLD Y	0.	0.
1	1	1	~TorsionSISMA SLD Y	0.	0.
1	1	112	~TorsionSISMA SLD Y	0.	0.
1	1	149	~TorsionSISMA SLO X	0.	0.
1	1	148	~TorsionSISMA SLO X	0.	0.
1	1	1	~TorsionSISMA SLO X	0.	0.
1	1	112	~TorsionSISMA SLO X	0.	0.
1	1	149	~TorsionSISMA SLO Y	0.	0.
1	1	148	~TorsionSISMA SLO Y	0.	0.
1	1	1	~TorsionSISMA SLO Y	0.	0.
1	1	112	~TorsionSISMA SLO Y	0.	0.
2	2	112	G1_K	-2.87	9.28
2	2	1	G1_K	-2.87	9.28
2	2	105	G1_K	-2.87	9.28
2	2	110	G1_K	-2.87	9.28
2	2	112	G2_K	5.83	-4.9
2	2	1	G2_K	5.83	-4.9
2	2	105	G2_K	5.83	-4.9
2	2	110	G2_K	5.83	-4.9
2	2	112	Q_K	-1.85	6.1
2	2	1	Q_K	-1.85	6.1
2	2	105	Q_K	-1.85	6.1
2	2	110	Q_K	-1.85	6.1
2	2	112	N_K	-0.22	0.73
2	2	1	N_K	-0.22	0.73
2	2	105	N_K	-0.22	0.73
2	2	110	N_K	-0.22	0.73
2	2	112	T+_K	0.	0.
2	2	1	T+_K	0.	0.
2	2	105	T+_K	0.	0.
2	2	110	T+_K	0.	0.
2	2	112	T-_K	0.	0.
2	2	1	T-_K	0.	0.
2	2	105	T-_K	0.	0.
2	2	110	T-_K	0.	0.
2	2	112	G1_D	-3.73	12.06
2	2	1	G1_D	-3.73	12.06
2	2	105	G1_D	-3.73	12.06
2	2	110	G1_D	-3.73	12.06
2	2	112	G2_D	7.58	-6.37
2	2	1	G2_D	7.58	-6.37
2	2	105	G2_D	7.58	-6.37

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2	2	110	G2_D	7.58	-6.37
2	2	112	Q_D	-2.77	9.16
2	2	1	Q_D	-2.77	9.16
2	2	105	Q_D	-2.77	9.16
2	2	110	Q_D	-2.77	9.16
2	2	112	N_D	-0.33	1.1
2	2	1	N_D	-0.33	1.1
2	2	105	N_D	-0.33	1.1
2	2	110	N_D	-0.33	1.1
2	2	112	T+_D	0.	0.
2	2	1	T+_D	0.	0.
2	2	105	T+_D	0.	0.
2	2	110	T+_D	0.	0.
2	2	112	T-_D	0.	0.
2	2	1	T-_D	0.	0.
2	2	105	T-_D	0.	0.
2	2	110	T-_D	0.	0.
2	2	112	W+_K	0.	0.
2	2	1	W+_K	0.	0.
2	2	105	W+_K	0.	0.
2	2	110	W+_K	0.	0.
2	2	112	W-_K	0.	0.
2	2	1	W-_K	0.	0.
2	2	105	W-_K	0.	0.
2	2	110	W-_K	0.	0.
2	2	112	W+_D	0.	0.
2	2	1	W+_D	0.	0.
2	2	105	W+_D	0.	0.
2	2	110	W+_D	0.	0.
2	2	112	W-_D	0.	0.
2	2	1	W-_D	0.	0.
2	2	105	W-_D	0.	0.
2	2	110	W-_D	0.	0.
2	2	112	SISMA SLV X	0.73	1.71
2	2	1	SISMA SLV X	0.73	1.71
2	2	105	SISMA SLV X	0.73	1.71
2	2	110	SISMA SLV X	0.73	1.71
2	2	112	SISMA SLV Y	0.91	2.24
2	2	1	SISMA SLV Y	0.91	2.24
2	2	105	SISMA SLV Y	0.91	2.24
2	2	110	SISMA SLV Y	0.91	2.24
2	2	112	SISMA SLD X	0.36	0.83
2	2	1	SISMA SLD X	0.36	0.83
2	2	105	SISMA SLD X	0.36	0.83
2	2	110	SISMA SLD X	0.36	0.83
2	2	112	SISMA SLD Y	0.45	1.09
2	2	1	SISMA SLD Y	0.45	1.09
2	2	105	SISMA SLD Y	0.45	1.09
2	2	110	SISMA SLD Y	0.45	1.09
2	2	112	SISMA SLO X	0.3	0.69
2	2	1	SISMA SLO X	0.3	0.69
2	2	105	SISMA SLO X	0.3	0.69
2	2	110	SISMA SLO X	0.3	0.69
2	2	112	SISMA SLO Y	0.37	0.91

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
2	2	1	SISMA SLO Y	0.37	0.91
2	2	105	SISMA SLO Y	0.37	0.91
2	2	110	SISMA SLO Y	0.37	0.91
2	2	112	SLT	0.	0.
2	2	1	SLT	0.	0.
2	2	105	SLT	0.	0.
2	2	110	SLT	0.	0.
2	2	112	~TorsionSISMA SLV X	0.	0.
2	2	1	~TorsionSISMA SLV X	0.	0.
2	2	105	~TorsionSISMA SLV X	0.	0.
2	2	110	~TorsionSISMA SLV X	0.	0.
2	2	112	~TorsionSISMA SLV Y	0.	0.
2	2	1	~TorsionSISMA SLV Y	0.	0.
2	2	105	~TorsionSISMA SLV Y	0.	0.
2	2	110	~TorsionSISMA SLV Y	0.	0.
2	2	112	~TorsionSISMA SLD X	0.	0.
2	2	1	~TorsionSISMA SLD X	0.	0.
2	2	105	~TorsionSISMA SLD X	0.	0.
2	2	110	~TorsionSISMA SLD X	0.	0.
2	2	112	~TorsionSISMA SLD Y	0.	0.
2	2	1	~TorsionSISMA SLD Y	0.	0.
2	2	105	~TorsionSISMA SLD Y	0.	0.
2	2	110	~TorsionSISMA SLD Y	0.	0.
2	2	112	~TorsionSISMA SLO X	0.	0.
2	2	1	~TorsionSISMA SLO X	0.	0.
2	2	105	~TorsionSISMA SLO X	0.	0.
2	2	110	~TorsionSISMA SLO X	0.	0.
2	2	112	~TorsionSISMA SLO Y	0.	0.
2	2	1	~TorsionSISMA SLO Y	0.	0.
2	2	105	~TorsionSISMA SLO Y	0.	0.
2	2	110	~TorsionSISMA SLO Y	0.	0.
3	3	138	G1_K	2.71	3.69
3	3	137	G1_K	2.71	3.69
3	3	2	G1_K	2.71	3.69
3	3	15	G1_K	2.71	3.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
3	3	138	G2_K	0.27	-0.82
3	3	137	G2_K	0.27	-0.82
3	3	2	G2_K	0.27	-0.82
3	3	15	G2_K	0.27	-0.82
3	3	138	Q_K	1.78	2.43
3	3	137	Q_K	1.78	2.43
3	3	2	Q_K	1.78	2.43
3	3	15	Q_K	1.78	2.43
3	3	138	N_K	0.21	0.29
3	3	137	N_K	0.21	0.29
3	3	2	N_K	0.21	0.29
3	3	15	N_K	0.21	0.29
3	3	138	T+_K	0.	0.
3	3	137	T+_K	0.	0.
3	3	2	T+_K	0.	0.
3	3	15	T+_K	0.	0.
3	3	138	T-_K	0.	0.
3	3	137	T-_K	0.	0.
3	3	2	T-_K	0.	0.
3	3	15	T-_K	0.	0.
3	3	138	G1_D	3.53	4.8
3	3	137	G1_D	3.53	4.8
3	3	2	G1_D	3.53	4.8
3	3	15	G1_D	3.53	4.8
3	3	138	G2_D	0.35	-1.06
3	3	137	G2_D	0.35	-1.06
3	3	2	G2_D	0.35	-1.06
3	3	15	G2_D	0.35	-1.06
3	3	138	Q_D	2.67	3.65
3	3	137	Q_D	2.67	3.65
3	3	2	Q_D	2.67	3.65
3	3	15	Q_D	2.67	3.65
3	3	138	N_D	0.32	0.44
3	3	137	N_D	0.32	0.44
3	3	2	N_D	0.32	0.44
3	3	15	N_D	0.32	0.44
3	3	138	T+_D	0.	0.
3	3	137	T+_D	0.	0.
3	3	2	T+_D	0.	0.
3	3	15	T+_D	0.	0.
3	3	138	T-_D	0.	0.
3	3	137	T-_D	0.	0.
3	3	2	T-_D	0.	0.
3	3	15	T-_D	0.	0.
3	3	138	W+_K	0.	0.
3	3	137	W+_K	0.	0.
3	3	2	W+_K	0.	0.
3	3	15	W+_K	0.	0.
3	3	138	W-_K	0.	0.
3	3	137	W-_K	0.	0.
3	3	2	W-_K	0.	0.
3	3	15	W-_K	0.	0.
3	3	138	W+_D	0.	0.
3	3	137	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
3	3	2	W+_D	0.	0.
3	3	15	W+_D	0.	0.
3	3	138	W-_D	0.	0.
3	3	137	W-_D	0.	0.
3	3	2	W-_D	0.	0.
3	3	15	W-_D	0.	0.
3	3	138	SISMA SLV X	1.32	0.43
3	3	137	SISMA SLV X	1.32	0.43
3	3	2	SISMA SLV X	1.32	0.43
3	3	15	SISMA SLV X	1.32	0.43
3	3	138	SISMA SLV Y	1.63	0.54
3	3	137	SISMA SLV Y	1.63	0.54
3	3	2	SISMA SLV Y	1.63	0.54
3	3	15	SISMA SLV Y	1.63	0.54
3	3	138	SISMA SLD X	0.64	0.21
3	3	137	SISMA SLD X	0.64	0.21
3	3	2	SISMA SLD X	0.64	0.21
3	3	15	SISMA SLD X	0.64	0.21
3	3	138	SISMA SLD Y	0.8	0.26
3	3	137	SISMA SLD Y	0.8	0.26
3	3	2	SISMA SLD Y	0.8	0.26
3	3	15	SISMA SLD Y	0.8	0.26
3	3	138	SISMA SLO X	0.53	0.18
3	3	137	SISMA SLO X	0.53	0.18
3	3	2	SISMA SLO X	0.53	0.18
3	3	15	SISMA SLO X	0.53	0.18
3	3	138	SISMA SLO Y	0.66	0.22
3	3	137	SISMA SLO Y	0.66	0.22
3	3	2	SISMA SLO Y	0.66	0.22
3	3	15	SISMA SLO Y	0.66	0.22
3	3	138	SLT	0.	0.
3	3	137	SLT	0.	0.
3	3	2	SLT	0.	0.
3	3	15	SLT	0.	0.
3	3	138	~TorsionSISMA SLV X	0.	0.
3	3	137	~TorsionSISMA SLV X	0.	0.
3	3	2	~TorsionSISMA SLV X	0.	0.
3	3	15	~TorsionSISMA SLV X	0.	0.
3	3	138	~TorsionSISMA SLV Y	0.	0.
3	3	137	~TorsionSISMA SLV Y	0.	0.
3	3	2	~TorsionSISMA SLV Y	0.	0.
3	3	15	~TorsionSISMA SLV Y	0.	0.
3	3	138	~TorsionSISMA SLD X	0.	0.
3	3	137	~TorsionSISMA SLD X	0.	0.
3	3	2	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
3	3	15	~TorsionSISMA SLD X	0.	0.
3	3	138	~TorsionSISMA SLD Y	0.	0.
3	3	137	~TorsionSISMA SLD Y	0.	0.
3	3	2	~TorsionSISMA SLD Y	0.	0.
3	3	15	~TorsionSISMA SLD Y	0.	0.
3	3	138	~TorsionSISMA SLO X	0.	0.
3	3	137	~TorsionSISMA SLO X	0.	0.
3	3	2	~TorsionSISMA SLO X	0.	0.
3	3	15	~TorsionSISMA SLO X	0.	0.
3	3	138	~TorsionSISMA SLO Y	0.	0.
3	3	137	~TorsionSISMA SLO Y	0.	0.
3	3	2	~TorsionSISMA SLO Y	0.	0.
3	3	15	~TorsionSISMA SLO Y	0.	0.
4	4	101	G1_K	0.	0.
4	4	172	G1_K	0.	0.
4	4	3	G1_K	0.	0.
4	4	4	G1_K	0.	0.
4	4	101	G2_K	0.	0.
4	4	172	G2_K	0.	0.
4	4	3	G2_K	0.	0.
4	4	4	G2_K	0.	0.
4	4	101	Q_K	0.	0.
4	4	172	Q_K	0.	0.
4	4	3	Q_K	0.	0.
4	4	4	Q_K	0.	0.
4	4	101	N_K	0.	0.
4	4	172	N_K	0.	0.
4	4	3	N_K	0.	0.
4	4	4	N_K	0.	0.
4	4	101	T+_K	0.	0.
4	4	172	T+_K	0.	0.
4	4	3	T+_K	0.	0.
4	4	4	T+_K	0.	0.
4	4	101	T-_K	0.	0.
4	4	172	T-_K	0.	0.
4	4	3	T-_K	0.	0.
4	4	4	T-_K	0.	0.
4	4	101	G1_D	0.	0.
4	4	172	G1_D	0.	0.
4	4	3	G1_D	0.	0.
4	4	4	G1_D	0.	0.
4	4	101	G2_D	0.	0.
4	4	172	G2_D	0.	0.
4	4	3	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
4	4	4	G2_D	0.	0.
4	4	101	Q_D	0.	0.
4	4	172	Q_D	0.	0.
4	4	3	Q_D	0.	0.
4	4	4	Q_D	0.	0.
4	4	101	N_D	0.	0.
4	4	172	N_D	0.	0.
4	4	3	N_D	0.	0.
4	4	4	N_D	0.	0.
4	4	101	T+_D	0.	0.
4	4	172	T+_D	0.	0.
4	4	3	T+_D	0.	0.
4	4	4	T+_D	0.	0.
4	4	101	T-_D	0.	0.
4	4	172	T-_D	0.	0.
4	4	3	T-_D	0.	0.
4	4	4	T-_D	0.	0.
4	4	101	W+_K	0.	0.
4	4	172	W+_K	0.	0.
4	4	3	W+_K	0.	0.
4	4	4	W+_K	0.	0.
4	4	101	W-_K	0.	0.
4	4	172	W-_K	0.	0.
4	4	3	W-_K	0.	0.
4	4	4	W-_K	0.	0.
4	4	101	W+_D	0.	0.
4	4	172	W+_D	0.	0.
4	4	3	W+_D	0.	0.
4	4	4	W+_D	0.	0.
4	4	101	W-_D	0.	0.
4	4	172	W-_D	0.	0.
4	4	3	W-_D	0.	0.
4	4	4	W-_D	0.	0.
4	4	101	SISMA SLV X	0.	0.
4	4	172	SISMA SLV X	0.	0.
4	4	3	SISMA SLV X	0.	0.
4	4	4	SISMA SLV X	0.	0.
4	4	101	SISMA SLV Y	0.	0.
4	4	172	SISMA SLV Y	0.	0.
4	4	3	SISMA SLV Y	0.	0.
4	4	4	SISMA SLV Y	0.	0.
4	4	101	SISMA SLD X	0.	0.
4	4	172	SISMA SLD X	0.	0.
4	4	3	SISMA SLD X	0.	0.
4	4	4	SISMA SLD X	0.	0.
4	4	101	SISMA SLD Y	0.	0.
4	4	172	SISMA SLD Y	0.	0.
4	4	3	SISMA SLD Y	0.	0.
4	4	4	SISMA SLD Y	0.	0.
4	4	101	SISMA SLO X	0.	0.
4	4	172	SISMA SLO X	0.	0.
4	4	3	SISMA SLO X	0.	0.
4	4	4	SISMA SLO X	0.	0.
4	4	101	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
4	4	172	SISMA SLO Y	0.	0.
4	4	3	SISMA SLO Y	0.	0.
4	4	4	SISMA SLO Y	0.	0.
4	4	101	SLT	0.	0.
4	4	172	SLT	0.	0.
4	4	3	SLT	0.	0.
4	4	4	SLT	0.	0.
4	4	101	~TorsionSISMA SLV X	0.	0.
4	4	172	~TorsionSISMA SLV X	0.	0.
4	4	3	~TorsionSISMA SLV X	0.	0.
4	4	4	~TorsionSISMA SLV X	0.	0.
4	4	101	~TorsionSISMA SLV Y	0.	0.
4	4	172	~TorsionSISMA SLV Y	0.	0.
4	4	3	~TorsionSISMA SLV Y	0.	0.
4	4	4	~TorsionSISMA SLV Y	0.	0.
4	4	101	~TorsionSISMA SLD X	0.	0.
4	4	172	~TorsionSISMA SLD X	0.	0.
4	4	3	~TorsionSISMA SLD X	0.	0.
4	4	4	~TorsionSISMA SLD X	0.	0.
4	4	101	~TorsionSISMA SLD Y	0.	0.
4	4	172	~TorsionSISMA SLD Y	0.	0.
4	4	3	~TorsionSISMA SLD Y	0.	0.
4	4	4	~TorsionSISMA SLD Y	0.	0.
4	4	101	~TorsionSISMA SLO X	0.	0.
4	4	172	~TorsionSISMA SLO X	0.	0.
4	4	3	~TorsionSISMA SLO X	0.	0.
4	4	4	~TorsionSISMA SLO X	0.	0.
4	4	101	~TorsionSISMA SLO Y	0.	0.
4	4	172	~TorsionSISMA SLO Y	0.	0.
4	4	3	~TorsionSISMA SLO Y	0.	0.
4	4	4	~TorsionSISMA SLO Y	0.	0.
5	5	172	G1_K	0.	0.
5	5	175	G1_K	0.	0.
5	5	5	G1_K	0.	0.
5	5	3	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
5	5	172	G2_K	0.	0.
5	5	175	G2_K	0.	0.
5	5	5	G2_K	0.	0.
5	5	3	G2_K	0.	0.
5	5	172	Q_K	0.	0.
5	5	175	Q_K	0.	0.
5	5	5	Q_K	0.	0.
5	5	3	Q_K	0.	0.
5	5	172	N_K	0.	0.
5	5	175	N_K	0.	0.
5	5	5	N_K	0.	0.
5	5	3	N_K	0.	0.
5	5	172	T+_K	0.	0.
5	5	175	T+_K	0.	0.
5	5	5	T+_K	0.	0.
5	5	3	T+_K	0.	0.
5	5	172	T-_K	0.	0.
5	5	175	T-_K	0.	0.
5	5	5	T-_K	0.	0.
5	5	3	T-_K	0.	0.
5	5	172	G1_D	0.	0.
5	5	175	G1_D	0.	0.
5	5	5	G1_D	0.	0.
5	5	3	G1_D	0.	0.
5	5	172	G2_D	0.	0.
5	5	175	G2_D	0.	0.
5	5	5	G2_D	0.	0.
5	5	3	G2_D	0.	0.
5	5	172	Q_D	0.	0.
5	5	175	Q_D	0.	0.
5	5	5	Q_D	0.	0.
5	5	3	Q_D	0.	0.
5	5	172	N_D	0.	0.
5	5	175	N_D	0.	0.
5	5	5	N_D	0.	0.
5	5	3	N_D	0.	0.
5	5	172	T+_D	0.	0.
5	5	175	T+_D	0.	0.
5	5	5	T+_D	0.	0.
5	5	3	T+_D	0.	0.
5	5	172	T-_D	0.	0.
5	5	175	T-_D	0.	0.
5	5	5	T-_D	0.	0.
5	5	3	T-_D	0.	0.
5	5	172	W+_K	0.	0.
5	5	175	W+_K	0.	0.
5	5	5	W+_K	0.	0.
5	5	3	W+_K	0.	0.
5	5	172	W-_K	0.	0.
5	5	175	W-_K	0.	0.
5	5	5	W-_K	0.	0.
5	5	3	W-_K	0.	0.
5	5	172	W+_D	0.	0.
5	5	175	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
5	5	5	W+_D	0.	0.
5	5	3	W+_D	0.	0.
5	5	172	W-_D	0.	0.
5	5	175	W-_D	0.	0.
5	5	5	W-_D	0.	0.
5	5	3	W-_D	0.	0.
5	5	172	SISMA SLV X	0.	0.
5	5	175	SISMA SLV X	0.	0.
5	5	5	SISMA SLV X	0.	0.
5	5	3	SISMA SLV X	0.	0.
5	5	172	SISMA SLV Y	0.	0.
5	5	175	SISMA SLV Y	0.	0.
5	5	5	SISMA SLV Y	0.	0.
5	5	3	SISMA SLV Y	0.	0.
5	5	172	SISMA SLD X	0.	0.
5	5	175	SISMA SLD X	0.	0.
5	5	5	SISMA SLD X	0.	0.
5	5	3	SISMA SLD X	0.	0.
5	5	172	SISMA SLD Y	0.	0.
5	5	175	SISMA SLD Y	0.	0.
5	5	5	SISMA SLD Y	0.	0.
5	5	3	SISMA SLD Y	0.	0.
5	5	172	SISMA SLO X	0.	0.
5	5	175	SISMA SLO X	0.	0.
5	5	5	SISMA SLO X	0.	0.
5	5	3	SISMA SLO X	0.	0.
5	5	172	SISMA SLO Y	0.	0.
5	5	175	SISMA SLO Y	0.	0.
5	5	5	SISMA SLO Y	0.	0.
5	5	3	SISMA SLO Y	0.	0.
5	5	172	SLT	0.	0.
5	5	175	SLT	0.	0.
5	5	5	SLT	0.	0.
5	5	3	SLT	0.	0.
5	5	172	~TorsionSISMA SLV X	0.	0.
5	5	175	~TorsionSISMA SLV X	0.	0.
5	5	5	~TorsionSISMA SLV X	0.	0.
5	5	3	~TorsionSISMA SLV X	0.	0.
5	5	172	~TorsionSISMA SLV Y	0.	0.
5	5	175	~TorsionSISMA SLV Y	0.	0.
5	5	5	~TorsionSISMA SLV Y	0.	0.
5	5	3	~TorsionSISMA SLV Y	0.	0.
5	5	172	~TorsionSISMA SLD X	0.	0.
5	5	175	~TorsionSISMA SLD X	0.	0.
5	5	5	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
5	5	3	~TorsionSISMA SLD X	0.	0.
5	5	172	~TorsionSISMA SLD Y	0.	0.
5	5	175	~TorsionSISMA SLD Y	0.	0.
5	5	5	~TorsionSISMA SLD Y	0.	0.
5	5	3	~TorsionSISMA SLD Y	0.	0.
5	5	172	~TorsionSISMA SLO X	0.	0.
5	5	175	~TorsionSISMA SLO X	0.	0.
5	5	5	~TorsionSISMA SLO X	0.	0.
5	5	3	~TorsionSISMA SLO X	0.	0.
5	5	172	~TorsionSISMA SLO Y	0.	0.
5	5	175	~TorsionSISMA SLO Y	0.	0.
5	5	5	~TorsionSISMA SLO Y	0.	0.
5	5	3	~TorsionSISMA SLO Y	0.	0.
6	6	175	G1_K	0.	0.
6	6	178	G1_K	0.	0.
6	6	6	G1_K	0.	0.
6	6	5	G1_K	0.	0.
6	6	175	G2_K	0.	0.
6	6	178	G2_K	0.	0.
6	6	6	G2_K	0.	0.
6	6	5	G2_K	0.	0.
6	6	175	Q_K	0.	0.
6	6	178	Q_K	0.	0.
6	6	6	Q_K	0.	0.
6	6	5	Q_K	0.	0.
6	6	175	N_K	0.	0.
6	6	178	N_K	0.	0.
6	6	6	N_K	0.	0.
6	6	5	N_K	0.	0.
6	6	175	T+_K	0.	0.
6	6	178	T+_K	0.	0.
6	6	6	T+_K	0.	0.
6	6	5	T+_K	0.	0.
6	6	175	T-_K	0.	0.
6	6	178	T-_K	0.	0.
6	6	6	T-_K	0.	0.
6	6	5	T-_K	0.	0.
6	6	175	G1_D	0.	0.
6	6	178	G1_D	0.	0.
6	6	6	G1_D	0.	0.
6	6	5	G1_D	0.	0.
6	6	175	G2_D	0.	0.
6	6	178	G2_D	0.	0.
6	6	6	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
6	6	5	G2_D	0.	0.
6	6	175	Q_D	0.	0.
6	6	178	Q_D	0.	0.
6	6	6	Q_D	0.	0.
6	6	5	Q_D	0.	0.
6	6	175	N_D	0.	0.
6	6	178	N_D	0.	0.
6	6	6	N_D	0.	0.
6	6	5	N_D	0.	0.
6	6	175	T+_D	0.	0.
6	6	178	T+_D	0.	0.
6	6	6	T+_D	0.	0.
6	6	5	T+_D	0.	0.
6	6	175	T-_D	0.	0.
6	6	178	T-_D	0.	0.
6	6	6	T-_D	0.	0.
6	6	5	T-_D	0.	0.
6	6	175	W+_K	0.	0.
6	6	178	W+_K	0.	0.
6	6	6	W+_K	0.	0.
6	6	5	W+_K	0.	0.
6	6	175	W-_K	0.	0.
6	6	178	W-_K	0.	0.
6	6	6	W-_K	0.	0.
6	6	5	W-_K	0.	0.
6	6	175	W+_D	0.	0.
6	6	178	W+_D	0.	0.
6	6	6	W+_D	0.	0.
6	6	5	W+_D	0.	0.
6	6	175	W-_D	0.	0.
6	6	178	W-_D	0.	0.
6	6	6	W-_D	0.	0.
6	6	5	W-_D	0.	0.
6	6	175	SISMA SLV X	0.	0.
6	6	178	SISMA SLV X	0.	0.
6	6	6	SISMA SLV X	0.	0.
6	6	5	SISMA SLV X	0.	0.
6	6	175	SISMA SLV Y	0.	0.
6	6	178	SISMA SLV Y	0.	0.
6	6	6	SISMA SLV Y	0.	0.
6	6	5	SISMA SLV Y	0.	0.
6	6	175	SISMA SLD X	0.	0.
6	6	178	SISMA SLD X	0.	0.
6	6	6	SISMA SLD X	0.	0.
6	6	5	SISMA SLD X	0.	0.
6	6	175	SISMA SLD Y	0.	0.
6	6	178	SISMA SLD Y	0.	0.
6	6	6	SISMA SLD Y	0.	0.
6	6	5	SISMA SLD Y	0.	0.
6	6	175	SISMA SLO X	0.	0.
6	6	178	SISMA SLO X	0.	0.
6	6	6	SISMA SLO X	0.	0.
6	6	5	SISMA SLO X	0.	0.
6	6	175	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
6	6	178	SISMA SLO Y	0.	0.
6	6	6	SISMA SLO Y	0.	0.
6	6	5	SISMA SLO Y	0.	0.
6	6	175	SLT	0.	0.
6	6	178	SLT	0.	0.
6	6	6	SLT	0.	0.
6	6	5	SLT	0.	0.
6	6	175	~TorsionSISMA SLV X	0.	0.
6	6	178	~TorsionSISMA SLV X	0.	0.
6	6	6	~TorsionSISMA SLV X	0.	0.
6	6	5	~TorsionSISMA SLV X	0.	0.
6	6	175	~TorsionSISMA SLV Y	0.	0.
6	6	178	~TorsionSISMA SLV Y	0.	0.
6	6	6	~TorsionSISMA SLV Y	0.	0.
6	6	5	~TorsionSISMA SLV Y	0.	0.
6	6	175	~TorsionSISMA SLD X	0.	0.
6	6	178	~TorsionSISMA SLD X	0.	0.
6	6	6	~TorsionSISMA SLD X	0.	0.
6	6	5	~TorsionSISMA SLD X	0.	0.
6	6	175	~TorsionSISMA SLD Y	0.	0.
6	6	178	~TorsionSISMA SLD Y	0.	0.
6	6	6	~TorsionSISMA SLD Y	0.	0.
6	6	5	~TorsionSISMA SLD Y	0.	0.
6	6	175	~TorsionSISMA SLO X	0.	0.
6	6	178	~TorsionSISMA SLO X	0.	0.
6	6	6	~TorsionSISMA SLO X	0.	0.
6	6	5	~TorsionSISMA SLO X	0.	0.
6	6	175	~TorsionSISMA SLO Y	0.	0.
6	6	178	~TorsionSISMA SLO Y	0.	0.
6	6	6	~TorsionSISMA SLO Y	0.	0.
6	6	5	~TorsionSISMA SLO Y	0.	0.
7	7	178	G1_K	0.	0.
7	7	100	G1_K	0.	0.
7	7	161	G1_K	0.	0.
7	7	6	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
7	7	178	G2_K	0.	0.
7	7	100	G2_K	0.	0.
7	7	161	G2_K	0.	0.
7	7	6	G2_K	0.	0.
7	7	178	Q_K	0.	0.
7	7	100	Q_K	0.	0.
7	7	161	Q_K	0.	0.
7	7	6	Q_K	0.	0.
7	7	178	N_K	0.	0.
7	7	100	N_K	0.	0.
7	7	161	N_K	0.	0.
7	7	6	N_K	0.	0.
7	7	178	T+_K	0.	0.
7	7	100	T+_K	0.	0.
7	7	161	T+_K	0.	0.
7	7	6	T+_K	0.	0.
7	7	178	T-_K	0.	0.
7	7	100	T-_K	0.	0.
7	7	161	T-_K	0.	0.
7	7	6	T-_K	0.	0.
7	7	178	G1_D	0.	0.
7	7	100	G1_D	0.	0.
7	7	161	G1_D	0.	0.
7	7	6	G1_D	0.	0.
7	7	178	G2_D	0.	0.
7	7	100	G2_D	0.	0.
7	7	161	G2_D	0.	0.
7	7	6	G2_D	0.	0.
7	7	178	Q_D	0.	0.
7	7	100	Q_D	0.	0.
7	7	161	Q_D	0.	0.
7	7	6	Q_D	0.	0.
7	7	178	N_D	0.	0.
7	7	100	N_D	0.	0.
7	7	161	N_D	0.	0.
7	7	6	N_D	0.	0.
7	7	178	T+_D	0.	0.
7	7	100	T+_D	0.	0.
7	7	161	T+_D	0.	0.
7	7	6	T+_D	0.	0.
7	7	178	T-_D	0.	0.
7	7	100	T-_D	0.	0.
7	7	161	T-_D	0.	0.
7	7	6	T-_D	0.	0.
7	7	178	W+_K	0.	0.
7	7	100	W+_K	0.	0.
7	7	161	W+_K	0.	0.
7	7	6	W+_K	0.	0.
7	7	178	W-_K	0.	0.
7	7	100	W-_K	0.	0.
7	7	161	W-_K	0.	0.
7	7	6	W-_K	0.	0.
7	7	178	W+_D	0.	0.
7	7	100	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
7	7	161	W+_D	0.	0.
7	7	6	W+_D	0.	0.
7	7	178	W-_D	0.	0.
7	7	100	W-_D	0.	0.
7	7	161	W-_D	0.	0.
7	7	6	W-_D	0.	0.
7	7	178	SISMA SLV X	0.	0.
7	7	100	SISMA SLV X	0.	0.
7	7	161	SISMA SLV X	0.	0.
7	7	6	SISMA SLV X	0.	0.
7	7	178	SISMA SLV Y	0.	0.
7	7	100	SISMA SLV Y	0.	0.
7	7	161	SISMA SLV Y	0.	0.
7	7	6	SISMA SLV Y	0.	0.
7	7	178	SISMA SLD X	0.	0.
7	7	100	SISMA SLD X	0.	0.
7	7	161	SISMA SLD X	0.	0.
7	7	6	SISMA SLD X	0.	0.
7	7	178	SISMA SLD Y	0.	0.
7	7	100	SISMA SLD Y	0.	0.
7	7	161	SISMA SLD Y	0.	0.
7	7	6	SISMA SLD Y	0.	0.
7	7	178	SISMA SLO X	0.	0.
7	7	100	SISMA SLO X	0.	0.
7	7	161	SISMA SLO X	0.	0.
7	7	6	SISMA SLO X	0.	0.
7	7	178	SISMA SLO Y	0.	0.
7	7	100	SISMA SLO Y	0.	0.
7	7	161	SISMA SLO Y	0.	0.
7	7	6	SISMA SLO Y	0.	0.
7	7	178	SLT	0.	0.
7	7	100	SLT	0.	0.
7	7	161	SLT	0.	0.
7	7	6	SLT	0.	0.
7	7	178	~TorsionSISMA SLV X	0.	0.
7	7	100	~TorsionSISMA SLV X	0.	0.
7	7	161	~TorsionSISMA SLV X	0.	0.
7	7	6	~TorsionSISMA SLV X	0.	0.
7	7	178	~TorsionSISMA SLV Y	0.	0.
7	7	100	~TorsionSISMA SLV Y	0.	0.
7	7	161	~TorsionSISMA SLV Y	0.	0.
7	7	6	~TorsionSISMA SLV Y	0.	0.
7	7	178	~TorsionSISMA SLD X	0.	0.
7	7	100	~TorsionSISMA SLD X	0.	0.
7	7	161	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
7	7	6	~TorsionSISMA SLD X	0.	0.
7	7	178	~TorsionSISMA SLD Y	0.	0.
7	7	100	~TorsionSISMA SLD Y	0.	0.
7	7	161	~TorsionSISMA SLD Y	0.	0.
7	7	6	~TorsionSISMA SLD Y	0.	0.
7	7	178	~TorsionSISMA SLO X	0.	0.
7	7	100	~TorsionSISMA SLO X	0.	0.
7	7	161	~TorsionSISMA SLO X	0.	0.
7	7	6	~TorsionSISMA SLO X	0.	0.
7	7	178	~TorsionSISMA SLO Y	0.	0.
7	7	100	~TorsionSISMA SLO Y	0.	0.
7	7	161	~TorsionSISMA SLO Y	0.	0.
7	7	6	~TorsionSISMA SLO Y	0.	0.
8	8	4	G1_K	0.	0.
8	8	3	G1_K	0.	0.
8	8	7	G1_K	0.	0.
8	8	8	G1_K	0.	0.
8	8	4	G2_K	0.	0.
8	8	3	G2_K	0.	0.
8	8	7	G2_K	0.	0.
8	8	8	G2_K	0.	0.
8	8	4	Q_K	0.	0.
8	8	3	Q_K	0.	0.
8	8	7	Q_K	0.	0.
8	8	8	Q_K	0.	0.
8	8	4	N_K	0.	0.
8	8	3	N_K	0.	0.
8	8	7	N_K	0.	0.
8	8	8	N_K	0.	0.
8	8	4	T+_K	0.	0.
8	8	3	T+_K	0.	0.
8	8	7	T+_K	0.	0.
8	8	8	T+_K	0.	0.
8	8	4	T-_K	0.	0.
8	8	3	T-_K	0.	0.
8	8	7	T-_K	0.	0.
8	8	8	T-_K	0.	0.
8	8	4	G1_D	0.	0.
8	8	3	G1_D	0.	0.
8	8	7	G1_D	0.	0.
8	8	8	G1_D	0.	0.
8	8	4	G2_D	0.	0.
8	8	3	G2_D	0.	0.
8	8	7	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
8	8	8	G2_D	0.	0.
8	8	4	Q_D	0.	0.
8	8	3	Q_D	0.	0.
8	8	7	Q_D	0.	0.
8	8	8	Q_D	0.	0.
8	8	4	N_D	0.	0.
8	8	3	N_D	0.	0.
8	8	7	N_D	0.	0.
8	8	8	N_D	0.	0.
8	8	4	T+_D	0.	0.
8	8	3	T+_D	0.	0.
8	8	7	T+_D	0.	0.
8	8	8	T+_D	0.	0.
8	8	4	T-_D	0.	0.
8	8	3	T-_D	0.	0.
8	8	7	T-_D	0.	0.
8	8	8	T-_D	0.	0.
8	8	4	W+_K	0.	0.
8	8	3	W+_K	0.	0.
8	8	7	W+_K	0.	0.
8	8	8	W+_K	0.	0.
8	8	4	W-_K	0.	0.
8	8	3	W-_K	0.	0.
8	8	7	W-_K	0.	0.
8	8	8	W-_K	0.	0.
8	8	4	W+_D	0.	0.
8	8	3	W+_D	0.	0.
8	8	7	W+_D	0.	0.
8	8	8	W+_D	0.	0.
8	8	4	W-_D	0.	0.
8	8	3	W-_D	0.	0.
8	8	7	W-_D	0.	0.
8	8	8	W-_D	0.	0.
8	8	4	SISMA SLV X	0.	0.
8	8	3	SISMA SLV X	0.	0.
8	8	7	SISMA SLV X	0.	0.
8	8	8	SISMA SLV X	0.	0.
8	8	4	SISMA SLV Y	0.	0.
8	8	3	SISMA SLV Y	0.	0.
8	8	7	SISMA SLV Y	0.	0.
8	8	8	SISMA SLV Y	0.	0.
8	8	4	SISMA SLD X	0.	0.
8	8	3	SISMA SLD X	0.	0.
8	8	7	SISMA SLD X	0.	0.
8	8	8	SISMA SLD X	0.	0.
8	8	4	SISMA SLD Y	0.	0.
8	8	3	SISMA SLD Y	0.	0.
8	8	7	SISMA SLD Y	0.	0.
8	8	8	SISMA SLD Y	0.	0.
8	8	4	SISMA SLO X	0.	0.
8	8	3	SISMA SLO X	0.	0.
8	8	7	SISMA SLO X	0.	0.
8	8	8	SISMA SLO X	0.	0.
8	8	4	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
8	8	3	SISMA SLO Y	0.	0.
8	8	7	SISMA SLO Y	0.	0.
8	8	8	SISMA SLO Y	0.	0.
8	8	4	SLT	0.	0.
8	8	3	SLT	0.	0.
8	8	7	SLT	0.	0.
8	8	8	SLT	0.	0.
8	8	4	~TorsionSISMA SLV X	0.	0.
8	8	3	~TorsionSISMA SLV X	0.	0.
8	8	7	~TorsionSISMA SLV X	0.	0.
8	8	8	~TorsionSISMA SLV X	0.	0.
8	8	4	~TorsionSISMA SLV Y	0.	0.
8	8	3	~TorsionSISMA SLV Y	0.	0.
8	8	7	~TorsionSISMA SLV Y	0.	0.
8	8	8	~TorsionSISMA SLV Y	0.	0.
8	8	4	~TorsionSISMA SLD X	0.	0.
8	8	3	~TorsionSISMA SLD X	0.	0.
8	8	7	~TorsionSISMA SLD X	0.	0.
8	8	8	~TorsionSISMA SLD X	0.	0.
8	8	4	~TorsionSISMA SLD Y	0.	0.
8	8	3	~TorsionSISMA SLD Y	0.	0.
8	8	7	~TorsionSISMA SLD Y	0.	0.
8	8	8	~TorsionSISMA SLD Y	0.	0.
8	8	4	~TorsionSISMA SLO X	0.	0.
8	8	3	~TorsionSISMA SLO X	0.	0.
8	8	7	~TorsionSISMA SLO X	0.	0.
8	8	8	~TorsionSISMA SLO X	0.	0.
8	8	4	~TorsionSISMA SLO Y	0.	0.
8	8	3	~TorsionSISMA SLO Y	0.	0.
8	8	7	~TorsionSISMA SLO Y	0.	0.
8	8	8	~TorsionSISMA SLO Y	0.	0.
9	9	3	G1_K	0.	0.
9	9	5	G1_K	0.	0.
9	9	9	G1_K	0.	0.
9	9	7	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
9	9	3	G2_K	0.	0.
9	9	5	G2_K	0.	0.
9	9	9	G2_K	0.	0.
9	9	7	G2_K	0.	0.
9	9	3	Q_K	0.	0.
9	9	5	Q_K	0.	0.
9	9	9	Q_K	0.	0.
9	9	7	Q_K	0.	0.
9	9	3	N_K	0.	0.
9	9	5	N_K	0.	0.
9	9	9	N_K	0.	0.
9	9	7	N_K	0.	0.
9	9	3	T+_K	0.	0.
9	9	5	T+_K	0.	0.
9	9	9	T+_K	0.	0.
9	9	7	T+_K	0.	0.
9	9	3	T-_K	0.	0.
9	9	5	T-_K	0.	0.
9	9	9	T-_K	0.	0.
9	9	7	T-_K	0.	0.
9	9	3	G1_D	0.	0.
9	9	5	G1_D	0.	0.
9	9	9	G1_D	0.	0.
9	9	7	G1_D	0.	0.
9	9	3	G2_D	0.	0.
9	9	5	G2_D	0.	0.
9	9	9	G2_D	0.	0.
9	9	7	G2_D	0.	0.
9	9	3	Q_D	0.	0.
9	9	5	Q_D	0.	0.
9	9	9	Q_D	0.	0.
9	9	7	Q_D	0.	0.
9	9	3	N_D	0.	0.
9	9	5	N_D	0.	0.
9	9	9	N_D	0.	0.
9	9	7	N_D	0.	0.
9	9	3	T+_D	0.	0.
9	9	5	T+_D	0.	0.
9	9	9	T+_D	0.	0.
9	9	7	T+_D	0.	0.
9	9	3	T-_D	0.	0.
9	9	5	T-_D	0.	0.
9	9	9	T-_D	0.	0.
9	9	7	T-_D	0.	0.
9	9	3	W+_K	0.	0.
9	9	5	W+_K	0.	0.
9	9	9	W+_K	0.	0.
9	9	7	W+_K	0.	0.
9	9	3	W-_K	0.	0.
9	9	5	W-_K	0.	0.
9	9	9	W-_K	0.	0.
9	9	7	W-_K	0.	0.
9	9	3	W+_D	0.	0.
9	9	5	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
9	9	9	W+_D	0.	0.
9	9	7	W+_D	0.	0.
9	9	3	W-_D	0.	0.
9	9	5	W-_D	0.	0.
9	9	9	W-_D	0.	0.
9	9	7	W-_D	0.	0.
9	9	3	SISMA SLV X	0.	0.
9	9	5	SISMA SLV X	0.	0.
9	9	9	SISMA SLV X	0.	0.
9	9	7	SISMA SLV X	0.	0.
9	9	3	SISMA SLV Y	0.	0.
9	9	5	SISMA SLV Y	0.	0.
9	9	9	SISMA SLV Y	0.	0.
9	9	7	SISMA SLV Y	0.	0.
9	9	3	SISMA SLD X	0.	0.
9	9	5	SISMA SLD X	0.	0.
9	9	9	SISMA SLD X	0.	0.
9	9	7	SISMA SLD X	0.	0.
9	9	3	SISMA SLD Y	0.	0.
9	9	5	SISMA SLD Y	0.	0.
9	9	9	SISMA SLD Y	0.	0.
9	9	7	SISMA SLD Y	0.	0.
9	9	3	SISMA SLO X	0.	0.
9	9	5	SISMA SLO X	0.	0.
9	9	9	SISMA SLO X	0.	0.
9	9	7	SISMA SLO X	0.	0.
9	9	3	SISMA SLO Y	0.	0.
9	9	5	SISMA SLO Y	0.	0.
9	9	9	SISMA SLO Y	0.	0.
9	9	7	SISMA SLO Y	0.	0.
9	9	3	SLT	0.	0.
9	9	5	SLT	0.	0.
9	9	9	SLT	0.	0.
9	9	7	SLT	0.	0.
9	9	3	~TorsionSISMA SLV X	0.	0.
9	9	5	~TorsionSISMA SLV X	0.	0.
9	9	9	~TorsionSISMA SLV X	0.	0.
9	9	7	~TorsionSISMA SLV X	0.	0.
9	9	3	~TorsionSISMA SLV Y	0.	0.
9	9	5	~TorsionSISMA SLV Y	0.	0.
9	9	9	~TorsionSISMA SLV Y	0.	0.
9	9	7	~TorsionSISMA SLV Y	0.	0.
9	9	3	~TorsionSISMA SLD X	0.	0.
9	9	5	~TorsionSISMA SLD X	0.	0.
9	9	9	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
9	9	7	~TorsionSISMA SLD X	0.	0.
9	9	3	~TorsionSISMA SLD Y	0.	0.
9	9	5	~TorsionSISMA SLD Y	0.	0.
9	9	9	~TorsionSISMA SLD Y	0.	0.
9	9	7	~TorsionSISMA SLD Y	0.	0.
9	9	3	~TorsionSISMA SLO X	0.	0.
9	9	5	~TorsionSISMA SLO X	0.	0.
9	9	9	~TorsionSISMA SLO X	0.	0.
9	9	7	~TorsionSISMA SLO X	0.	0.
9	9	3	~TorsionSISMA SLO Y	0.	0.
9	9	5	~TorsionSISMA SLO Y	0.	0.
9	9	9	~TorsionSISMA SLO Y	0.	0.
9	9	7	~TorsionSISMA SLO Y	0.	0.
10	10	5	G1_K	0.	0.
10	10	6	G1_K	0.	0.
10	10	10	G1_K	0.	0.
10	10	9	G1_K	0.	0.
10	10	5	G2_K	0.	0.
10	10	6	G2_K	0.	0.
10	10	10	G2_K	0.	0.
10	10	9	G2_K	0.	0.
10	10	5	Q_K	0.	0.
10	10	6	Q_K	0.	0.
10	10	10	Q_K	0.	0.
10	10	9	Q_K	0.	0.
10	10	5	N_K	0.	0.
10	10	6	N_K	0.	0.
10	10	10	N_K	0.	0.
10	10	9	N_K	0.	0.
10	10	5	T+_K	0.	0.
10	10	6	T+_K	0.	0.
10	10	10	T+_K	0.	0.
10	10	9	T+_K	0.	0.
10	10	5	T-_K	0.	0.
10	10	6	T-_K	0.	0.
10	10	10	T-_K	0.	0.
10	10	9	T-_K	0.	0.
10	10	5	G1_D	0.	0.
10	10	6	G1_D	0.	0.
10	10	10	G1_D	0.	0.
10	10	9	G1_D	0.	0.
10	10	5	G2_D	0.	0.
10	10	6	G2_D	0.	0.
10	10	10	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
10	10	9	G2_D	0.	0.
10	10	5	Q_D	0.	0.
10	10	6	Q_D	0.	0.
10	10	10	Q_D	0.	0.
10	10	9	Q_D	0.	0.
10	10	5	N_D	0.	0.
10	10	6	N_D	0.	0.
10	10	10	N_D	0.	0.
10	10	9	N_D	0.	0.
10	10	5	T+_D	0.	0.
10	10	6	T+_D	0.	0.
10	10	10	T+_D	0.	0.
10	10	9	T+_D	0.	0.
10	10	5	T-_D	0.	0.
10	10	6	T-_D	0.	0.
10	10	10	T-_D	0.	0.
10	10	9	T-_D	0.	0.
10	10	5	W+_K	0.	0.
10	10	6	W+_K	0.	0.
10	10	10	W+_K	0.	0.
10	10	9	W+_K	0.	0.
10	10	5	W-_K	0.	0.
10	10	6	W-_K	0.	0.
10	10	10	W-_K	0.	0.
10	10	9	W-_K	0.	0.
10	10	5	W+_D	0.	0.
10	10	6	W+_D	0.	0.
10	10	10	W+_D	0.	0.
10	10	9	W+_D	0.	0.
10	10	5	W-_D	0.	0.
10	10	6	W-_D	0.	0.
10	10	10	W-_D	0.	0.
10	10	9	W-_D	0.	0.
10	10	5	SISMA SLV X	0.	0.
10	10	6	SISMA SLV X	0.	0.
10	10	10	SISMA SLV X	0.	0.
10	10	9	SISMA SLV X	0.	0.
10	10	5	SISMA SLV Y	0.	0.
10	10	6	SISMA SLV Y	0.	0.
10	10	10	SISMA SLV Y	0.	0.
10	10	9	SISMA SLV Y	0.	0.
10	10	5	SISMA SLD X	0.	0.
10	10	6	SISMA SLD X	0.	0.
10	10	10	SISMA SLD X	0.	0.
10	10	9	SISMA SLD X	0.	0.
10	10	5	SISMA SLD Y	0.	0.
10	10	6	SISMA SLD Y	0.	0.
10	10	10	SISMA SLD Y	0.	0.
10	10	9	SISMA SLD Y	0.	0.
10	10	5	SISMA SLO X	0.	0.
10	10	6	SISMA SLO X	0.	0.
10	10	10	SISMA SLO X	0.	0.
10	10	9	SISMA SLO X	0.	0.
10	10	5	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
10	10	6	SISMA SLO Y	0.	0.
10	10	10	SISMA SLO Y	0.	0.
10	10	9	SISMA SLO Y	0.	0.
10	10	5	SLT	0.	0.
10	10	6	SLT	0.	0.
10	10	10	SLT	0.	0.
10	10	9	SLT	0.	0.
10	10	5	~TorsionSISMA SLV X	0.	0.
10	10	6	~TorsionSISMA SLV X	0.	0.
10	10	10	~TorsionSISMA SLV X	0.	0.
10	10	9	~TorsionSISMA SLV X	0.	0.
10	10	5	~TorsionSISMA SLV Y	0.	0.
10	10	6	~TorsionSISMA SLV Y	0.	0.
10	10	10	~TorsionSISMA SLV Y	0.	0.
10	10	9	~TorsionSISMA SLV Y	0.	0.
10	10	5	~TorsionSISMA SLD X	0.	0.
10	10	6	~TorsionSISMA SLD X	0.	0.
10	10	10	~TorsionSISMA SLD X	0.	0.
10	10	9	~TorsionSISMA SLD X	0.	0.
10	10	5	~TorsionSISMA SLD Y	0.	0.
10	10	6	~TorsionSISMA SLD Y	0.	0.
10	10	10	~TorsionSISMA SLD Y	0.	0.
10	10	9	~TorsionSISMA SLD Y	0.	0.
10	10	5	~TorsionSISMA SLO X	0.	0.
10	10	6	~TorsionSISMA SLO X	0.	0.
10	10	10	~TorsionSISMA SLO X	0.	0.
10	10	9	~TorsionSISMA SLO X	0.	0.
10	10	5	~TorsionSISMA SLO Y	0.	0.
10	10	6	~TorsionSISMA SLO Y	0.	0.
10	10	10	~TorsionSISMA SLO Y	0.	0.
10	10	9	~TorsionSISMA SLO Y	0.	0.
11	11	6	G1_K	0.	0.
11	11	161	G1_K	0.	0.
11	11	166	G1_K	0.	0.
11	11	10	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
11	11	6	G2_K	0.	0.
11	11	161	G2_K	0.	0.
11	11	166	G2_K	0.	0.
11	11	10	G2_K	0.	0.
11	11	6	Q_K	0.	0.
11	11	161	Q_K	0.	0.
11	11	166	Q_K	0.	0.
11	11	10	Q_K	0.	0.
11	11	6	N_K	0.	0.
11	11	161	N_K	0.	0.
11	11	166	N_K	0.	0.
11	11	10	N_K	0.	0.
11	11	6	T+_K	0.	0.
11	11	161	T+_K	0.	0.
11	11	166	T+_K	0.	0.
11	11	10	T+_K	0.	0.
11	11	6	T-_K	0.	0.
11	11	161	T-_K	0.	0.
11	11	166	T-_K	0.	0.
11	11	10	T-_K	0.	0.
11	11	6	G1_D	0.	0.
11	11	161	G1_D	0.	0.
11	11	166	G1_D	0.	0.
11	11	10	G1_D	0.	0.
11	11	6	G2_D	0.	0.
11	11	161	G2_D	0.	0.
11	11	166	G2_D	0.	0.
11	11	10	G2_D	0.	0.
11	11	6	Q_D	0.	0.
11	11	161	Q_D	0.	0.
11	11	166	Q_D	0.	0.
11	11	10	Q_D	0.	0.
11	11	6	N_D	0.	0.
11	11	161	N_D	0.	0.
11	11	166	N_D	0.	0.
11	11	10	N_D	0.	0.
11	11	6	T+_D	0.	0.
11	11	161	T+_D	0.	0.
11	11	166	T+_D	0.	0.
11	11	10	T+_D	0.	0.
11	11	6	T-_D	0.	0.
11	11	161	T-_D	0.	0.
11	11	166	T-_D	0.	0.
11	11	10	T-_D	0.	0.
11	11	6	W+_K	0.	0.
11	11	161	W+_K	0.	0.
11	11	166	W+_K	0.	0.
11	11	10	W+_K	0.	0.
11	11	6	W-_K	0.	0.
11	11	161	W-_K	0.	0.
11	11	166	W-_K	0.	0.
11	11	10	W-_K	0.	0.
11	11	6	W+_D	0.	0.
11	11	161	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
11	11	166	W+_D	0.	0.
11	11	10	W+_D	0.	0.
11	11	6	W-_D	0.	0.
11	11	161	W-_D	0.	0.
11	11	166	W-_D	0.	0.
11	11	10	W-_D	0.	0.
11	11	6	SISMA SLV X	0.	0.
11	11	161	SISMA SLV X	0.	0.
11	11	166	SISMA SLV X	0.	0.
11	11	10	SISMA SLV X	0.	0.
11	11	6	SISMA SLV Y	0.	0.
11	11	161	SISMA SLV Y	0.	0.
11	11	166	SISMA SLV Y	0.	0.
11	11	10	SISMA SLV Y	0.	0.
11	11	6	SISMA SLD X	0.	0.
11	11	161	SISMA SLD X	0.	0.
11	11	166	SISMA SLD X	0.	0.
11	11	10	SISMA SLD X	0.	0.
11	11	6	SISMA SLD Y	0.	0.
11	11	161	SISMA SLD Y	0.	0.
11	11	166	SISMA SLD Y	0.	0.
11	11	10	SISMA SLD Y	0.	0.
11	11	6	SISMA SLO X	0.	0.
11	11	161	SISMA SLO X	0.	0.
11	11	166	SISMA SLO X	0.	0.
11	11	10	SISMA SLO X	0.	0.
11	11	6	SISMA SLO Y	0.	0.
11	11	161	SISMA SLO Y	0.	0.
11	11	166	SISMA SLO Y	0.	0.
11	11	10	SISMA SLO Y	0.	0.
11	11	6	SLT	0.	0.
11	11	161	SLT	0.	0.
11	11	166	SLT	0.	0.
11	11	10	SLT	0.	0.
11	11	6	~TorsionSISMA SLV X	0.	0.
11	11	161	~TorsionSISMA SLV X	0.	0.
11	11	166	~TorsionSISMA SLV X	0.	0.
11	11	10	~TorsionSISMA SLV X	0.	0.
11	11	6	~TorsionSISMA SLV Y	0.	0.
11	11	161	~TorsionSISMA SLV Y	0.	0.
11	11	166	~TorsionSISMA SLV Y	0.	0.
11	11	10	~TorsionSISMA SLV Y	0.	0.
11	11	6	~TorsionSISMA SLD X	0.	0.
11	11	161	~TorsionSISMA SLD X	0.	0.
11	11	166	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
11	11	10	~TorsionSISMA SLD X	0.	0.
11	11	6	~TorsionSISMA SLD Y	0.	0.
11	11	161	~TorsionSISMA SLD Y	0.	0.
11	11	166	~TorsionSISMA SLD Y	0.	0.
11	11	10	~TorsionSISMA SLD Y	0.	0.
11	11	6	~TorsionSISMA SLO X	0.	0.
11	11	161	~TorsionSISMA SLO X	0.	0.
11	11	166	~TorsionSISMA SLO X	0.	0.
11	11	10	~TorsionSISMA SLO X	0.	0.
11	11	6	~TorsionSISMA SLO Y	0.	0.
11	11	161	~TorsionSISMA SLO Y	0.	0.
11	11	166	~TorsionSISMA SLO Y	0.	0.
11	11	10	~TorsionSISMA SLO Y	0.	0.
12	12	8	G1_K	0.	0.
12	12	7	G1_K	0.	0.
12	12	11	G1_K	0.	0.
12	12	12	G1_K	0.	0.
12	12	8	G2_K	0.	0.
12	12	7	G2_K	0.	0.
12	12	11	G2_K	0.	0.
12	12	12	G2_K	0.	0.
12	12	8	Q_K	0.	0.
12	12	7	Q_K	0.	0.
12	12	11	Q_K	0.	0.
12	12	12	Q_K	0.	0.
12	12	8	N_K	0.	0.
12	12	7	N_K	0.	0.
12	12	11	N_K	0.	0.
12	12	12	N_K	0.	0.
12	12	8	T+_K	0.	0.
12	12	7	T+_K	0.	0.
12	12	11	T+_K	0.	0.
12	12	12	T+_K	0.	0.
12	12	8	T-_K	0.	0.
12	12	7	T-_K	0.	0.
12	12	11	T-_K	0.	0.
12	12	12	T-_K	0.	0.
12	12	8	G1_D	0.	0.
12	12	7	G1_D	0.	0.
12	12	11	G1_D	0.	0.
12	12	12	G1_D	0.	0.
12	12	8	G2_D	0.	0.
12	12	7	G2_D	0.	0.
12	12	11	G2_D	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
12	12	12	G2_D	0.	0.
12	12	8	Q_D	0.	0.
12	12	7	Q_D	0.	0.
12	12	11	Q_D	0.	0.
12	12	12	Q_D	0.	0.
12	12	8	N_D	0.	0.
12	12	7	N_D	0.	0.
12	12	11	N_D	0.	0.
12	12	12	N_D	0.	0.
12	12	8	T+_D	0.	0.
12	12	7	T+_D	0.	0.
12	12	11	T+_D	0.	0.
12	12	12	T+_D	0.	0.
12	12	8	T-_D	0.	0.
12	12	7	T-_D	0.	0.
12	12	11	T-_D	0.	0.
12	12	12	T-_D	0.	0.
12	12	8	W+_K	0.	0.
12	12	7	W+_K	0.	0.
12	12	11	W+_K	0.	0.
12	12	12	W+_K	0.	0.
12	12	8	W-_K	0.	0.
12	12	7	W-_K	0.	0.
12	12	11	W-_K	0.	0.
12	12	12	W-_K	0.	0.
12	12	8	W+_D	0.	0.
12	12	7	W+_D	0.	0.
12	12	11	W+_D	0.	0.
12	12	12	W+_D	0.	0.
12	12	8	W-_D	0.	0.
12	12	7	W-_D	0.	0.
12	12	11	W-_D	0.	0.
12	12	12	W-_D	0.	0.
12	12	8	SISMA SLV X	0.	0.
12	12	7	SISMA SLV X	0.	0.
12	12	11	SISMA SLV X	0.	0.
12	12	12	SISMA SLV X	0.	0.
12	12	8	SISMA SLV Y	0.	0.
12	12	7	SISMA SLV Y	0.	0.
12	12	11	SISMA SLV Y	0.	0.
12	12	12	SISMA SLV Y	0.	0.
12	12	8	SISMA SLD X	0.	0.
12	12	7	SISMA SLD X	0.	0.
12	12	11	SISMA SLD X	0.	0.
12	12	12	SISMA SLD X	0.	0.
12	12	8	SISMA SLD Y	0.	0.
12	12	7	SISMA SLD Y	0.	0.
12	12	11	SISMA SLD Y	0.	0.
12	12	12	SISMA SLD Y	0.	0.
12	12	8	SISMA SLO X	0.	0.
12	12	7	SISMA SLO X	0.	0.
12	12	11	SISMA SLO X	0.	0.
12	12	12	SISMA SLO X	0.	0.
12	12	8	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
12	12	7	SISMA SLO Y	0.	0.
12	12	11	SISMA SLO Y	0.	0.
12	12	12	SISMA SLO Y	0.	0.
12	12	8	SLT	0.	0.
12	12	7	SLT	0.	0.
12	12	11	SLT	0.	0.
12	12	12	SLT	0.	0.
12	12	8	~TorsionSISMA SLV X	0.	0.
12	12	7	~TorsionSISMA SLV X	0.	0.
12	12	11	~TorsionSISMA SLV X	0.	0.
12	12	12	~TorsionSISMA SLV X	0.	0.
12	12	8	~TorsionSISMA SLV Y	0.	0.
12	12	7	~TorsionSISMA SLV Y	0.	0.
12	12	11	~TorsionSISMA SLV Y	0.	0.
12	12	12	~TorsionSISMA SLV Y	0.	0.
12	12	8	~TorsionSISMA SLD X	0.	0.
12	12	7	~TorsionSISMA SLD X	0.	0.
12	12	11	~TorsionSISMA SLD X	0.	0.
12	12	12	~TorsionSISMA SLD X	0.	0.
12	12	8	~TorsionSISMA SLD Y	0.	0.
12	12	7	~TorsionSISMA SLD Y	0.	0.
12	12	11	~TorsionSISMA SLD Y	0.	0.
12	12	12	~TorsionSISMA SLD Y	0.	0.
12	12	8	~TorsionSISMA SLO X	0.	0.
12	12	7	~TorsionSISMA SLO X	0.	0.
12	12	11	~TorsionSISMA SLO X	0.	0.
12	12	12	~TorsionSISMA SLO X	0.	0.
12	12	8	~TorsionSISMA SLO Y	0.	0.
12	12	7	~TorsionSISMA SLO Y	0.	0.
12	12	11	~TorsionSISMA SLO Y	0.	0.
12	12	12	~TorsionSISMA SLO Y	0.	0.
13	13	7	G1_K	0.	0.
13	13	9	G1_K	0.	0.
13	13	13	G1_K	0.	0.
13	13	11	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
13	13	7	G2_K	0.	0.
13	13	9	G2_K	0.	0.
13	13	13	G2_K	0.	0.
13	13	11	G2_K	0.	0.
13	13	7	Q_K	0.	0.
13	13	9	Q_K	0.	0.
13	13	13	Q_K	0.	0.
13	13	11	Q_K	0.	0.
13	13	7	N_K	0.	0.
13	13	9	N_K	0.	0.
13	13	13	N_K	0.	0.
13	13	11	N_K	0.	0.
13	13	7	T+_K	0.	0.
13	13	9	T+_K	0.	0.
13	13	13	T+_K	0.	0.
13	13	11	T+_K	0.	0.
13	13	7	T-_K	0.	0.
13	13	9	T-_K	0.	0.
13	13	13	T-_K	0.	0.
13	13	11	T-_K	0.	0.
13	13	7	G1_D	0.	0.
13	13	9	G1_D	0.	0.
13	13	13	G1_D	0.	0.
13	13	11	G1_D	0.	0.
13	13	7	G2_D	0.	0.
13	13	9	G2_D	0.	0.
13	13	13	G2_D	0.	0.
13	13	11	G2_D	0.	0.
13	13	7	Q_D	0.	0.
13	13	9	Q_D	0.	0.
13	13	13	Q_D	0.	0.
13	13	11	Q_D	0.	0.
13	13	7	N_D	0.	0.
13	13	9	N_D	0.	0.
13	13	13	N_D	0.	0.
13	13	11	N_D	0.	0.
13	13	7	T+_D	0.	0.
13	13	9	T+_D	0.	0.
13	13	13	T+_D	0.	0.
13	13	11	T+_D	0.	0.
13	13	7	T-_D	0.	0.
13	13	9	T-_D	0.	0.
13	13	13	T-_D	0.	0.
13	13	11	T-_D	0.	0.
13	13	7	W+_K	0.	0.
13	13	9	W+_K	0.	0.
13	13	13	W+_K	0.	0.
13	13	11	W+_K	0.	0.
13	13	7	W-_K	0.	0.
13	13	9	W-_K	0.	0.
13	13	13	W-_K	0.	0.
13	13	11	W-_K	0.	0.
13	13	7	W+_D	0.	0.
13	13	9	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
13	13	13	W+_D	0.	0.
13	13	11	W+_D	0.	0.
13	13	7	W-_D	0.	0.
13	13	9	W-_D	0.	0.
13	13	13	W-_D	0.	0.
13	13	11	W-_D	0.	0.
13	13	7	SISMA SLV X	0.	0.
13	13	9	SISMA SLV X	0.	0.
13	13	13	SISMA SLV X	0.	0.
13	13	11	SISMA SLV X	0.	0.
13	13	7	SISMA SLV Y	0.	0.
13	13	9	SISMA SLV Y	0.	0.
13	13	13	SISMA SLV Y	0.	0.
13	13	11	SISMA SLV Y	0.	0.
13	13	7	SISMA SLD X	0.	0.
13	13	9	SISMA SLD X	0.	0.
13	13	13	SISMA SLD X	0.	0.
13	13	11	SISMA SLD X	0.	0.
13	13	7	SISMA SLD Y	0.	0.
13	13	9	SISMA SLD Y	0.	0.
13	13	13	SISMA SLD Y	0.	0.
13	13	11	SISMA SLD Y	0.	0.
13	13	7	SISMA SLO X	0.	0.
13	13	9	SISMA SLO X	0.	0.
13	13	13	SISMA SLO X	0.	0.
13	13	11	SISMA SLO X	0.	0.
13	13	7	SISMA SLO Y	0.	0.
13	13	9	SISMA SLO Y	0.	0.
13	13	13	SISMA SLO Y	0.	0.
13	13	11	SISMA SLO Y	0.	0.
13	13	7	SLT	0.	0.
13	13	9	SLT	0.	0.
13	13	13	SLT	0.	0.
13	13	11	SLT	0.	0.
13	13	7	~TorsionSISMA SLV X	0.	0.
13	13	9	~TorsionSISMA SLV X	0.	0.
13	13	13	~TorsionSISMA SLV X	0.	0.
13	13	11	~TorsionSISMA SLV X	0.	0.
13	13	7	~TorsionSISMA SLV Y	0.	0.
13	13	9	~TorsionSISMA SLV Y	0.	0.
13	13	13	~TorsionSISMA SLV Y	0.	0.
13	13	11	~TorsionSISMA SLV Y	0.	0.
13	13	7	~TorsionSISMA SLD X	0.	0.
13	13	9	~TorsionSISMA SLD X	0.	0.
13	13	13	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
13	13	11	~TorsionSISMA SLD X	0.	0.
13	13	7	~TorsionSISMA SLD Y	0.	0.
13	13	9	~TorsionSISMA SLD Y	0.	0.
13	13	13	~TorsionSISMA SLD Y	0.	0.
13	13	11	~TorsionSISMA SLD Y	0.	0.
13	13	7	~TorsionSISMA SLO X	0.	0.
13	13	9	~TorsionSISMA SLO X	0.	0.
13	13	13	~TorsionSISMA SLO X	0.	0.
13	13	11	~TorsionSISMA SLO X	0.	0.
13	13	7	~TorsionSISMA SLO Y	0.	0.
13	13	9	~TorsionSISMA SLO Y	0.	0.
13	13	13	~TorsionSISMA SLO Y	0.	0.
13	13	11	~TorsionSISMA SLO Y	0.	0.
14	14	9	G1_K	0.	0.
14	14	10	G1_K	0.	0.
14	14	14	G1_K	0.	0.
14	14	13	G1_K	0.	0.
14	14	9	G2_K	0.	0.
14	14	10	G2_K	0.	0.
14	14	14	G2_K	0.	0.
14	14	13	G2_K	0.	0.
14	14	9	Q_K	0.	0.
14	14	10	Q_K	0.	0.
14	14	14	Q_K	0.	0.
14	14	13	Q_K	0.	0.
14	14	9	N_K	0.	0.
14	14	10	N_K	0.	0.
14	14	14	N_K	0.	0.
14	14	13	N_K	0.	0.
14	14	9	T+_K	0.	0.
14	14	10	T+_K	0.	0.
14	14	14	T+_K	0.	0.
14	14	13	T+_K	0.	0.
14	14	9	T-_K	0.	0.
14	14	10	T-_K	0.	0.
14	14	14	T-_K	0.	0.
14	14	13	T-_K	0.	0.
14	14	9	G1_D	0.	0.
14	14	10	G1_D	0.	0.
14	14	14	G1_D	0.	0.
14	14	13	G1_D	0.	0.
14	14	9	G2_D	0.	0.
14	14	10	G2_D	0.	0.
14	14	14	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
14	14	13	G2_D	0.	0.
14	14	9	Q_D	0.	0.
14	14	10	Q_D	0.	0.
14	14	14	Q_D	0.	0.
14	14	13	Q_D	0.	0.
14	14	9	N_D	0.	0.
14	14	10	N_D	0.	0.
14	14	14	N_D	0.	0.
14	14	13	N_D	0.	0.
14	14	9	T+_D	0.	0.
14	14	10	T+_D	0.	0.
14	14	14	T+_D	0.	0.
14	14	13	T+_D	0.	0.
14	14	9	T-_D	0.	0.
14	14	10	T-_D	0.	0.
14	14	14	T-_D	0.	0.
14	14	13	T-_D	0.	0.
14	14	9	W+_K	0.	0.
14	14	10	W+_K	0.	0.
14	14	14	W+_K	0.	0.
14	14	13	W+_K	0.	0.
14	14	9	W-_K	0.	0.
14	14	10	W-_K	0.	0.
14	14	14	W-_K	0.	0.
14	14	13	W-_K	0.	0.
14	14	9	W+_D	0.	0.
14	14	10	W+_D	0.	0.
14	14	14	W+_D	0.	0.
14	14	13	W+_D	0.	0.
14	14	9	W-_D	0.	0.
14	14	10	W-_D	0.	0.
14	14	14	W-_D	0.	0.
14	14	13	W-_D	0.	0.
14	14	9	SISMA SLV X	0.	0.
14	14	10	SISMA SLV X	0.	0.
14	14	14	SISMA SLV X	0.	0.
14	14	13	SISMA SLV X	0.	0.
14	14	9	SISMA SLV Y	0.	0.
14	14	10	SISMA SLV Y	0.	0.
14	14	14	SISMA SLV Y	0.	0.
14	14	13	SISMA SLV Y	0.	0.
14	14	9	SISMA SLD X	0.	0.
14	14	10	SISMA SLD X	0.	0.
14	14	14	SISMA SLD X	0.	0.
14	14	13	SISMA SLD X	0.	0.
14	14	9	SISMA SLD Y	0.	0.
14	14	10	SISMA SLD Y	0.	0.
14	14	14	SISMA SLD Y	0.	0.
14	14	13	SISMA SLD Y	0.	0.
14	14	9	SISMA SLO X	0.	0.
14	14	10	SISMA SLO X	0.	0.
14	14	14	SISMA SLO X	0.	0.
14	14	13	SISMA SLO X	0.	0.
14	14	9	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
14	14	10	SISMA SLO Y	0.	0.
14	14	14	SISMA SLO Y	0.	0.
14	14	13	SISMA SLO Y	0.	0.
14	14	9	SLT	0.	0.
14	14	10	SLT	0.	0.
14	14	14	SLT	0.	0.
14	14	13	SLT	0.	0.
14	14	9	~TorsionSISMA SLV X	0.	0.
14	14	10	~TorsionSISMA SLV X	0.	0.
14	14	14	~TorsionSISMA SLV X	0.	0.
14	14	13	~TorsionSISMA SLV X	0.	0.
14	14	9	~TorsionSISMA SLV Y	0.	0.
14	14	10	~TorsionSISMA SLV Y	0.	0.
14	14	14	~TorsionSISMA SLV Y	0.	0.
14	14	13	~TorsionSISMA SLV Y	0.	0.
14	14	9	~TorsionSISMA SLD X	0.	0.
14	14	10	~TorsionSISMA SLD X	0.	0.
14	14	14	~TorsionSISMA SLD X	0.	0.
14	14	13	~TorsionSISMA SLD X	0.	0.
14	14	9	~TorsionSISMA SLD Y	0.	0.
14	14	10	~TorsionSISMA SLD Y	0.	0.
14	14	14	~TorsionSISMA SLD Y	0.	0.
14	14	13	~TorsionSISMA SLD Y	0.	0.
14	14	9	~TorsionSISMA SLO X	0.	0.
14	14	10	~TorsionSISMA SLO X	0.	0.
14	14	14	~TorsionSISMA SLO X	0.	0.
14	14	13	~TorsionSISMA SLO X	0.	0.
14	14	9	~TorsionSISMA SLO Y	0.	0.
14	14	10	~TorsionSISMA SLO Y	0.	0.
14	14	14	~TorsionSISMA SLO Y	0.	0.
14	14	13	~TorsionSISMA SLO Y	0.	0.
15	15	10	G1_K	0.	0.
15	15	166	G1_K	0.	0.
15	15	169	G1_K	0.	0.
15	15	14	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
15	15	10	G2_K	0.	0.
15	15	166	G2_K	0.	0.
15	15	169	G2_K	0.	0.
15	15	14	G2_K	0.	0.
15	15	10	Q_K	0.	0.
15	15	166	Q_K	0.	0.
15	15	169	Q_K	0.	0.
15	15	14	Q_K	0.	0.
15	15	10	N_K	0.	0.
15	15	166	N_K	0.	0.
15	15	169	N_K	0.	0.
15	15	14	N_K	0.	0.
15	15	10	T+_K	0.	0.
15	15	166	T+_K	0.	0.
15	15	169	T+_K	0.	0.
15	15	14	T+_K	0.	0.
15	15	10	T-_K	0.	0.
15	15	166	T-_K	0.	0.
15	15	169	T-_K	0.	0.
15	15	14	T-_K	0.	0.
15	15	10	G1_D	0.	0.
15	15	166	G1_D	0.	0.
15	15	169	G1_D	0.	0.
15	15	14	G1_D	0.	0.
15	15	10	G2_D	0.	0.
15	15	166	G2_D	0.	0.
15	15	169	G2_D	0.	0.
15	15	14	G2_D	0.	0.
15	15	10	Q_D	0.	0.
15	15	166	Q_D	0.	0.
15	15	169	Q_D	0.	0.
15	15	14	Q_D	0.	0.
15	15	10	N_D	0.	0.
15	15	166	N_D	0.	0.
15	15	169	N_D	0.	0.
15	15	14	N_D	0.	0.
15	15	10	T+_D	0.	0.
15	15	166	T+_D	0.	0.
15	15	169	T+_D	0.	0.
15	15	14	T+_D	0.	0.
15	15	10	T-_D	0.	0.
15	15	166	T-_D	0.	0.
15	15	169	T-_D	0.	0.
15	15	14	T-_D	0.	0.
15	15	10	W+_K	0.	0.
15	15	166	W+_K	0.	0.
15	15	169	W+_K	0.	0.
15	15	14	W+_K	0.	0.
15	15	10	W-_K	0.	0.
15	15	166	W-_K	0.	0.
15	15	169	W-_K	0.	0.
15	15	14	W-_K	0.	0.
15	15	10	W+_D	0.	0.
15	15	166	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
15	15	169	W+_D	0.	0.
15	15	14	W+_D	0.	0.
15	15	10	W-_D	0.	0.
15	15	166	W-_D	0.	0.
15	15	169	W-_D	0.	0.
15	15	14	W-_D	0.	0.
15	15	10	SISMA SLV X	0.	0.
15	15	166	SISMA SLV X	0.	0.
15	15	169	SISMA SLV X	0.	0.
15	15	14	SISMA SLV X	0.	0.
15	15	10	SISMA SLV Y	0.	0.
15	15	166	SISMA SLV Y	0.	0.
15	15	169	SISMA SLV Y	0.	0.
15	15	14	SISMA SLV Y	0.	0.
15	15	10	SISMA SLD X	0.	0.
15	15	166	SISMA SLD X	0.	0.
15	15	169	SISMA SLD X	0.	0.
15	15	14	SISMA SLD X	0.	0.
15	15	10	SISMA SLD Y	0.	0.
15	15	166	SISMA SLD Y	0.	0.
15	15	169	SISMA SLD Y	0.	0.
15	15	14	SISMA SLD Y	0.	0.
15	15	10	SISMA SLO X	0.	0.
15	15	166	SISMA SLO X	0.	0.
15	15	169	SISMA SLO X	0.	0.
15	15	14	SISMA SLO X	0.	0.
15	15	10	SISMA SLO Y	0.	0.
15	15	166	SISMA SLO Y	0.	0.
15	15	169	SISMA SLO Y	0.	0.
15	15	14	SISMA SLO Y	0.	0.
15	15	10	SLT	0.	0.
15	15	166	SLT	0.	0.
15	15	169	SLT	0.	0.
15	15	14	SLT	0.	0.
15	15	10	~TorsionSISMA SLV X	0.	0.
15	15	166	~TorsionSISMA SLV X	0.	0.
15	15	169	~TorsionSISMA SLV X	0.	0.
15	15	14	~TorsionSISMA SLV X	0.	0.
15	15	10	~TorsionSISMA SLV Y	0.	0.
15	15	166	~TorsionSISMA SLV Y	0.	0.
15	15	169	~TorsionSISMA SLV Y	0.	0.
15	15	14	~TorsionSISMA SLV Y	0.	0.
15	15	10	~TorsionSISMA SLD X	0.	0.
15	15	166	~TorsionSISMA SLD X	0.	0.
15	15	169	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
15	15	14	~TorsionSISMA SLD X	0.	0.
15	15	10	~TorsionSISMA SLD Y	0.	0.
15	15	166	~TorsionSISMA SLD Y	0.	0.
15	15	169	~TorsionSISMA SLD Y	0.	0.
15	15	14	~TorsionSISMA SLD Y	0.	0.
15	15	10	~TorsionSISMA SLO X	0.	0.
15	15	166	~TorsionSISMA SLO X	0.	0.
15	15	169	~TorsionSISMA SLO X	0.	0.
15	15	14	~TorsionSISMA SLO X	0.	0.
15	15	10	~TorsionSISMA SLO Y	0.	0.
15	15	166	~TorsionSISMA SLO Y	0.	0.
15	15	169	~TorsionSISMA SLO Y	0.	0.
15	15	14	~TorsionSISMA SLO Y	0.	0.
16	16	12	G1_K	0.	0.
16	16	11	G1_K	0.	0.
16	16	158	G1_K	0.	0.
16	16	102	G1_K	0.	0.
16	16	12	G2_K	0.	0.
16	16	11	G2_K	0.	0.
16	16	158	G2_K	0.	0.
16	16	102	G2_K	0.	0.
16	16	12	Q_K	0.	0.
16	16	11	Q_K	0.	0.
16	16	158	Q_K	0.	0.
16	16	102	Q_K	0.	0.
16	16	12	N_K	0.	0.
16	16	11	N_K	0.	0.
16	16	158	N_K	0.	0.
16	16	102	N_K	0.	0.
16	16	12	T+_K	0.	0.
16	16	11	T+_K	0.	0.
16	16	158	T+_K	0.	0.
16	16	102	T+_K	0.	0.
16	16	12	T-_K	0.	0.
16	16	11	T-_K	0.	0.
16	16	158	T-_K	0.	0.
16	16	102	T-_K	0.	0.
16	16	12	G1_D	0.	0.
16	16	11	G1_D	0.	0.
16	16	158	G1_D	0.	0.
16	16	102	G1_D	0.	0.
16	16	12	G2_D	0.	0.
16	16	11	G2_D	0.	0.
16	16	158	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
16	16	102	G2_D	0.	0.
16	16	12	Q_D	0.	0.
16	16	11	Q_D	0.	0.
16	16	158	Q_D	0.	0.
16	16	102	Q_D	0.	0.
16	16	12	N_D	0.	0.
16	16	11	N_D	0.	0.
16	16	158	N_D	0.	0.
16	16	102	N_D	0.	0.
16	16	12	T+_D	0.	0.
16	16	11	T+_D	0.	0.
16	16	158	T+_D	0.	0.
16	16	102	T+_D	0.	0.
16	16	12	T-_D	0.	0.
16	16	11	T-_D	0.	0.
16	16	158	T-_D	0.	0.
16	16	102	T-_D	0.	0.
16	16	12	W+_K	0.	0.
16	16	11	W+_K	0.	0.
16	16	158	W+_K	0.	0.
16	16	102	W+_K	0.	0.
16	16	12	W-_K	0.	0.
16	16	11	W-_K	0.	0.
16	16	158	W-_K	0.	0.
16	16	102	W-_K	0.	0.
16	16	12	W+_D	0.	0.
16	16	11	W+_D	0.	0.
16	16	158	W+_D	0.	0.
16	16	102	W+_D	0.	0.
16	16	12	W-_D	0.	0.
16	16	11	W-_D	0.	0.
16	16	158	W-_D	0.	0.
16	16	102	W-_D	0.	0.
16	16	12	SISMA SLV X	0.	0.
16	16	11	SISMA SLV X	0.	0.
16	16	158	SISMA SLV X	0.	0.
16	16	102	SISMA SLV X	0.	0.
16	16	12	SISMA SLV Y	0.	0.
16	16	11	SISMA SLV Y	0.	0.
16	16	158	SISMA SLV Y	0.	0.
16	16	102	SISMA SLV Y	0.	0.
16	16	12	SISMA SLD X	0.	0.
16	16	11	SISMA SLD X	0.	0.
16	16	158	SISMA SLD X	0.	0.
16	16	102	SISMA SLD X	0.	0.
16	16	12	SISMA SLD Y	0.	0.
16	16	11	SISMA SLD Y	0.	0.
16	16	158	SISMA SLD Y	0.	0.
16	16	102	SISMA SLD Y	0.	0.
16	16	12	SISMA SLO X	0.	0.
16	16	11	SISMA SLO X	0.	0.
16	16	158	SISMA SLO X	0.	0.
16	16	102	SISMA SLO X	0.	0.
16	16	12	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
16	16	11	SISMA SLO Y	0.	0.
16	16	158	SISMA SLO Y	0.	0.
16	16	102	SISMA SLO Y	0.	0.
16	16	12	SLT	0.	0.
16	16	11	SLT	0.	0.
16	16	158	SLT	0.	0.
16	16	102	SLT	0.	0.
16	16	12	~TorsionSISMA SLV X	0.	0.
16	16	11	~TorsionSISMA SLV X	0.	0.
16	16	158	~TorsionSISMA SLV X	0.	0.
16	16	102	~TorsionSISMA SLV X	0.	0.
16	16	12	~TorsionSISMA SLV Y	0.	0.
16	16	11	~TorsionSISMA SLV Y	0.	0.
16	16	158	~TorsionSISMA SLV Y	0.	0.
16	16	102	~TorsionSISMA SLV Y	0.	0.
16	16	12	~TorsionSISMA SLD X	0.	0.
16	16	11	~TorsionSISMA SLD X	0.	0.
16	16	158	~TorsionSISMA SLD X	0.	0.
16	16	102	~TorsionSISMA SLD X	0.	0.
16	16	12	~TorsionSISMA SLD Y	0.	0.
16	16	11	~TorsionSISMA SLD Y	0.	0.
16	16	158	~TorsionSISMA SLD Y	0.	0.
16	16	102	~TorsionSISMA SLD Y	0.	0.
16	16	12	~TorsionSISMA SLO X	0.	0.
16	16	11	~TorsionSISMA SLO X	0.	0.
16	16	158	~TorsionSISMA SLO X	0.	0.
16	16	102	~TorsionSISMA SLO X	0.	0.
16	16	12	~TorsionSISMA SLO Y	0.	0.
16	16	11	~TorsionSISMA SLO Y	0.	0.
16	16	158	~TorsionSISMA SLO Y	0.	0.
16	16	102	~TorsionSISMA SLO Y	0.	0.
17	17	11	G1_K	0.	0.
17	17	13	G1_K	0.	0.
17	17	155	G1_K	0.	0.
17	17	158	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
17	17	11	G2_K	0.	0.
17	17	13	G2_K	0.	0.
17	17	155	G2_K	0.	0.
17	17	158	G2_K	0.	0.
17	17	11	Q_K	0.	0.
17	17	13	Q_K	0.	0.
17	17	155	Q_K	0.	0.
17	17	158	Q_K	0.	0.
17	17	11	N_K	0.	0.
17	17	13	N_K	0.	0.
17	17	155	N_K	0.	0.
17	17	158	N_K	0.	0.
17	17	11	T+_K	0.	0.
17	17	13	T+_K	0.	0.
17	17	155	T+_K	0.	0.
17	17	158	T+_K	0.	0.
17	17	11	T-_K	0.	0.
17	17	13	T-_K	0.	0.
17	17	155	T-_K	0.	0.
17	17	158	T-_K	0.	0.
17	17	11	G1_D	0.	0.
17	17	13	G1_D	0.	0.
17	17	155	G1_D	0.	0.
17	17	158	G1_D	0.	0.
17	17	11	G2_D	0.	0.
17	17	13	G2_D	0.	0.
17	17	155	G2_D	0.	0.
17	17	158	G2_D	0.	0.
17	17	11	Q_D	0.	0.
17	17	13	Q_D	0.	0.
17	17	155	Q_D	0.	0.
17	17	158	Q_D	0.	0.
17	17	11	N_D	0.	0.
17	17	13	N_D	0.	0.
17	17	155	N_D	0.	0.
17	17	158	N_D	0.	0.
17	17	11	T+_D	0.	0.
17	17	13	T+_D	0.	0.
17	17	155	T+_D	0.	0.
17	17	158	T+_D	0.	0.
17	17	11	T-_D	0.	0.
17	17	13	T-_D	0.	0.
17	17	155	T-_D	0.	0.
17	17	158	T-_D	0.	0.
17	17	11	W+_K	0.	0.
17	17	13	W+_K	0.	0.
17	17	155	W+_K	0.	0.
17	17	158	W+_K	0.	0.
17	17	11	W-_K	0.	0.
17	17	13	W-_K	0.	0.
17	17	155	W-_K	0.	0.
17	17	158	W-_K	0.	0.
17	17	11	W+_D	0.	0.
17	17	13	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
17	17	155	W+_D	0.	0.
17	17	158	W+_D	0.	0.
17	17	11	W-_D	0.	0.
17	17	13	W-_D	0.	0.
17	17	155	W-_D	0.	0.
17	17	158	W-_D	0.	0.
17	17	11	SISMA SLV X	0.	0.
17	17	13	SISMA SLV X	0.	0.
17	17	155	SISMA SLV X	0.	0.
17	17	158	SISMA SLV X	0.	0.
17	17	11	SISMA SLV Y	0.	0.
17	17	13	SISMA SLV Y	0.	0.
17	17	155	SISMA SLV Y	0.	0.
17	17	158	SISMA SLV Y	0.	0.
17	17	11	SISMA SLD X	0.	0.
17	17	13	SISMA SLD X	0.	0.
17	17	155	SISMA SLD X	0.	0.
17	17	158	SISMA SLD X	0.	0.
17	17	11	SISMA SLD Y	0.	0.
17	17	13	SISMA SLD Y	0.	0.
17	17	155	SISMA SLD Y	0.	0.
17	17	158	SISMA SLD Y	0.	0.
17	17	11	SISMA SLO X	0.	0.
17	17	13	SISMA SLO X	0.	0.
17	17	155	SISMA SLO X	0.	0.
17	17	158	SISMA SLO X	0.	0.
17	17	11	SISMA SLO Y	0.	0.
17	17	13	SISMA SLO Y	0.	0.
17	17	155	SISMA SLO Y	0.	0.
17	17	158	SISMA SLO Y	0.	0.
17	17	11	SLT	0.	0.
17	17	13	SLT	0.	0.
17	17	155	SLT	0.	0.
17	17	158	SLT	0.	0.
17	17	11	~TorsionSISMA SLV X	0.	0.
17	17	13	~TorsionSISMA SLV X	0.	0.
17	17	155	~TorsionSISMA SLV X	0.	0.
17	17	158	~TorsionSISMA SLV X	0.	0.
17	17	11	~TorsionSISMA SLV Y	0.	0.
17	17	13	~TorsionSISMA SLV Y	0.	0.
17	17	155	~TorsionSISMA SLV Y	0.	0.
17	17	158	~TorsionSISMA SLV Y	0.	0.
17	17	11	~TorsionSISMA SLD X	0.	0.
17	17	13	~TorsionSISMA SLD X	0.	0.
17	17	155	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
17	17	158	~TorsionSISMA SLD X	0.	0.
17	17	11	~TorsionSISMA SLD Y	0.	0.
17	17	13	~TorsionSISMA SLD Y	0.	0.
17	17	155	~TorsionSISMA SLD Y	0.	0.
17	17	158	~TorsionSISMA SLD Y	0.	0.
17	17	11	~TorsionSISMA SLO X	0.	0.
17	17	13	~TorsionSISMA SLO X	0.	0.
17	17	155	~TorsionSISMA SLO X	0.	0.
17	17	158	~TorsionSISMA SLO X	0.	0.
17	17	11	~TorsionSISMA SLO Y	0.	0.
17	17	13	~TorsionSISMA SLO Y	0.	0.
17	17	155	~TorsionSISMA SLO Y	0.	0.
17	17	158	~TorsionSISMA SLO Y	0.	0.
18	18	13	G1_K	0.	0.
18	18	14	G1_K	0.	0.
18	18	150	G1_K	0.	0.
18	18	155	G1_K	0.	0.
18	18	13	G2_K	0.	0.
18	18	14	G2_K	0.	0.
18	18	150	G2_K	0.	0.
18	18	155	G2_K	0.	0.
18	18	13	Q_K	0.	0.
18	18	14	Q_K	0.	0.
18	18	150	Q_K	0.	0.
18	18	155	Q_K	0.	0.
18	18	13	N_K	0.	0.
18	18	14	N_K	0.	0.
18	18	150	N_K	0.	0.
18	18	155	N_K	0.	0.
18	18	13	T+_K	0.	0.
18	18	14	T+_K	0.	0.
18	18	150	T+_K	0.	0.
18	18	155	T+_K	0.	0.
18	18	13	T-_K	0.	0.
18	18	14	T-_K	0.	0.
18	18	150	T-_K	0.	0.
18	18	155	T-_K	0.	0.
18	18	13	G1_D	0.	0.
18	18	14	G1_D	0.	0.
18	18	150	G1_D	0.	0.
18	18	155	G1_D	0.	0.
18	18	13	G2_D	0.	0.
18	18	14	G2_D	0.	0.
18	18	150	G2_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
18	18	155	G2_D	0.	0.
18	18	13	Q_D	0.	0.
18	18	14	Q_D	0.	0.
18	18	150	Q_D	0.	0.
18	18	155	Q_D	0.	0.
18	18	13	N_D	0.	0.
18	18	14	N_D	0.	0.
18	18	150	N_D	0.	0.
18	18	155	N_D	0.	0.
18	18	13	T+_D	0.	0.
18	18	14	T+_D	0.	0.
18	18	150	T+_D	0.	0.
18	18	155	T+_D	0.	0.
18	18	13	T-_D	0.	0.
18	18	14	T-_D	0.	0.
18	18	150	T-_D	0.	0.
18	18	155	T-_D	0.	0.
18	18	13	W+_K	0.	0.
18	18	14	W+_K	0.	0.
18	18	150	W+_K	0.	0.
18	18	155	W+_K	0.	0.
18	18	13	W-_K	0.	0.
18	18	14	W-_K	0.	0.
18	18	150	W-_K	0.	0.
18	18	155	W-_K	0.	0.
18	18	13	W+_D	0.	0.
18	18	14	W+_D	0.	0.
18	18	150	W+_D	0.	0.
18	18	155	W+_D	0.	0.
18	18	13	W-_D	0.	0.
18	18	14	W-_D	0.	0.
18	18	150	W-_D	0.	0.
18	18	155	W-_D	0.	0.
18	18	13	SISMA SLV X	0.	0.
18	18	14	SISMA SLV X	0.	0.
18	18	150	SISMA SLV X	0.	0.
18	18	155	SISMA SLV X	0.	0.
18	18	13	SISMA SLV Y	0.	0.
18	18	14	SISMA SLV Y	0.	0.
18	18	150	SISMA SLV Y	0.	0.
18	18	155	SISMA SLV Y	0.	0.
18	18	13	SISMA SLD X	0.	0.
18	18	14	SISMA SLD X	0.	0.
18	18	150	SISMA SLD X	0.	0.
18	18	155	SISMA SLD X	0.	0.
18	18	13	SISMA SLD Y	0.	0.
18	18	14	SISMA SLD Y	0.	0.
18	18	150	SISMA SLD Y	0.	0.
18	18	155	SISMA SLD Y	0.	0.
18	18	13	SISMA SLO X	0.	0.
18	18	14	SISMA SLO X	0.	0.
18	18	150	SISMA SLO X	0.	0.
18	18	155	SISMA SLO X	0.	0.
18	18	13	SISMA SLO Y	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
18	18	14	SISMA SLO Y	0.	0.
18	18	150	SISMA SLO Y	0.	0.
18	18	155	SISMA SLO Y	0.	0.
18	18	13	SLT	0.	0.
18	18	14	SLT	0.	0.
18	18	150	SLT	0.	0.
18	18	155	SLT	0.	0.
18	18	13	~TorsionSISMA SLV X	0.	0.
18	18	14	~TorsionSISMA SLV X	0.	0.
18	18	150	~TorsionSISMA SLV X	0.	0.
18	18	155	~TorsionSISMA SLV X	0.	0.
18	18	13	~TorsionSISMA SLV Y	0.	0.
18	18	14	~TorsionSISMA SLV Y	0.	0.
18	18	150	~TorsionSISMA SLV Y	0.	0.
18	18	155	~TorsionSISMA SLV Y	0.	0.
18	18	13	~TorsionSISMA SLD X	0.	0.
18	18	14	~TorsionSISMA SLD X	0.	0.
18	18	150	~TorsionSISMA SLD X	0.	0.
18	18	155	~TorsionSISMA SLD X	0.	0.
18	18	13	~TorsionSISMA SLD Y	0.	0.
18	18	14	~TorsionSISMA SLD Y	0.	0.
18	18	150	~TorsionSISMA SLD Y	0.	0.
18	18	155	~TorsionSISMA SLD Y	0.	0.
18	18	13	~TorsionSISMA SLO X	0.	0.
18	18	14	~TorsionSISMA SLO X	0.	0.
18	18	150	~TorsionSISMA SLO X	0.	0.
18	18	155	~TorsionSISMA SLO X	0.	0.
18	18	13	~TorsionSISMA SLO Y	0.	0.
18	18	14	~TorsionSISMA SLO Y	0.	0.
18	18	150	~TorsionSISMA SLO Y	0.	0.
18	18	155	~TorsionSISMA SLO Y	0.	0.
19	19	14	G1_K	0.	0.
19	19	169	G1_K	0.	0.
19	19	99	G1_K	0.	0.
19	19	150	G1_K	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
19	19	14	G2_K	0.	0.
19	19	169	G2_K	0.	0.
19	19	99	G2_K	0.	0.
19	19	150	G2_K	0.	0.
19	19	14	Q_K	0.	0.
19	19	169	Q_K	0.	0.
19	19	99	Q_K	0.	0.
19	19	150	Q_K	0.	0.
19	19	14	N_K	0.	0.
19	19	169	N_K	0.	0.
19	19	99	N_K	0.	0.
19	19	150	N_K	0.	0.
19	19	14	T+_K	0.	0.
19	19	169	T+_K	0.	0.
19	19	99	T+_K	0.	0.
19	19	150	T+_K	0.	0.
19	19	14	T-_K	0.	0.
19	19	169	T-_K	0.	0.
19	19	99	T-_K	0.	0.
19	19	150	T-_K	0.	0.
19	19	14	G1_D	0.	0.
19	19	169	G1_D	0.	0.
19	19	99	G1_D	0.	0.
19	19	150	G1_D	0.	0.
19	19	14	G2_D	0.	0.
19	19	169	G2_D	0.	0.
19	19	99	G2_D	0.	0.
19	19	150	G2_D	0.	0.
19	19	14	Q_D	0.	0.
19	19	169	Q_D	0.	0.
19	19	99	Q_D	0.	0.
19	19	150	Q_D	0.	0.
19	19	14	N_D	0.	0.
19	19	169	N_D	0.	0.
19	19	99	N_D	0.	0.
19	19	150	N_D	0.	0.
19	19	14	T+_D	0.	0.
19	19	169	T+_D	0.	0.
19	19	99	T+_D	0.	0.
19	19	150	T+_D	0.	0.
19	19	14	T-_D	0.	0.
19	19	169	T-_D	0.	0.
19	19	99	T-_D	0.	0.
19	19	150	T-_D	0.	0.
19	19	14	W+_K	0.	0.
19	19	169	W+_K	0.	0.
19	19	99	W+_K	0.	0.
19	19	150	W+_K	0.	0.
19	19	14	W-_K	0.	0.
19	19	169	W-_K	0.	0.
19	19	99	W-_K	0.	0.
19	19	150	W-_K	0.	0.
19	19	14	W+_D	0.	0.
19	19	169	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
19	19	99	W+_D	0.	0.
19	19	150	W+_D	0.	0.
19	19	14	W-_D	0.	0.
19	19	169	W-_D	0.	0.
19	19	99	W-_D	0.	0.
19	19	150	W-_D	0.	0.
19	19	14	SISMA SLV X	0.	0.
19	19	169	SISMA SLV X	0.	0.
19	19	99	SISMA SLV X	0.	0.
19	19	150	SISMA SLV X	0.	0.
19	19	14	SISMA SLV Y	0.	0.
19	19	169	SISMA SLV Y	0.	0.
19	19	99	SISMA SLV Y	0.	0.
19	19	150	SISMA SLV Y	0.	0.
19	19	14	SISMA SLD X	0.	0.
19	19	169	SISMA SLD X	0.	0.
19	19	99	SISMA SLD X	0.	0.
19	19	150	SISMA SLD X	0.	0.
19	19	14	SISMA SLD Y	0.	0.
19	19	169	SISMA SLD Y	0.	0.
19	19	99	SISMA SLD Y	0.	0.
19	19	150	SISMA SLD Y	0.	0.
19	19	14	SISMA SLO X	0.	0.
19	19	169	SISMA SLO X	0.	0.
19	19	99	SISMA SLO X	0.	0.
19	19	150	SISMA SLO X	0.	0.
19	19	14	SISMA SLO Y	0.	0.
19	19	169	SISMA SLO Y	0.	0.
19	19	99	SISMA SLO Y	0.	0.
19	19	150	SISMA SLO Y	0.	0.
19	19	14	SLT	0.	0.
19	19	169	SLT	0.	0.
19	19	99	SLT	0.	0.
19	19	150	SLT	0.	0.
19	19	14	~TorsionSISMA SLV X	0.	0.
19	19	169	~TorsionSISMA SLV X	0.	0.
19	19	99	~TorsionSISMA SLV X	0.	0.
19	19	150	~TorsionSISMA SLV X	0.	0.
19	19	14	~TorsionSISMA SLV Y	0.	0.
19	19	169	~TorsionSISMA SLV Y	0.	0.
19	19	99	~TorsionSISMA SLV Y	0.	0.
19	19	150	~TorsionSISMA SLV Y	0.	0.
19	19	14	~TorsionSISMA SLD X	0.	0.
19	19	169	~TorsionSISMA SLD X	0.	0.
19	19	99	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
19	19	150	~TorsionSISMA SLD X	0.	0.
19	19	14	~TorsionSISMA SLD Y	0.	0.
19	19	169	~TorsionSISMA SLD Y	0.	0.
19	19	99	~TorsionSISMA SLD Y	0.	0.
19	19	150	~TorsionSISMA SLD Y	0.	0.
19	19	14	~TorsionSISMA SLO X	0.	0.
19	19	169	~TorsionSISMA SLO X	0.	0.
19	19	99	~TorsionSISMA SLO X	0.	0.
19	19	150	~TorsionSISMA SLO X	0.	0.
19	19	14	~TorsionSISMA SLO Y	0.	0.
19	19	169	~TorsionSISMA SLO Y	0.	0.
19	19	99	~TorsionSISMA SLO Y	0.	0.
19	19	150	~TorsionSISMA SLO Y	0.	0.
20	20	15	G1_K	2.63	7.87
20	20	2	G1_K	2.63	7.87
20	20	139	G1_K	2.63	7.87
20	20	106	G1_K	2.63	7.87
20	20	15	G2_K	0.39	-0.85
20	20	2	G2_K	0.39	-0.85
20	20	139	G2_K	0.39	-0.85
20	20	106	G2_K	0.39	-0.85
20	20	15	Q_K	1.71	5.1
20	20	2	Q_K	1.71	5.1
20	20	139	Q_K	1.71	5.1
20	20	106	Q_K	1.71	5.1
20	20	15	N_K	0.21	0.61
20	20	2	N_K	0.21	0.61
20	20	139	N_K	0.21	0.61
20	20	106	N_K	0.21	0.61
20	20	15	T+_K	0.	0.
20	20	2	T+_K	0.	0.
20	20	139	T+_K	0.	0.
20	20	106	T+_K	0.	0.
20	20	15	T-_K	0.	0.
20	20	2	T-_K	0.	0.
20	20	139	T-_K	0.	0.
20	20	106	T-_K	0.	0.
20	20	15	G1_D	3.42	10.23
20	20	2	G1_D	3.42	10.23
20	20	139	G1_D	3.42	10.23
20	20	106	G1_D	3.42	10.23
20	20	15	G2_D	0.51	-1.11
20	20	2	G2_D	0.51	-1.11
20	20	139	G2_D	0.51	-1.11

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
20	20	106	G2_D	0.51	-1.11
20	20	15	Q_D	2.57	7.65
20	20	2	Q_D	2.57	7.65
20	20	139	Q_D	2.57	7.65
20	20	106	Q_D	2.57	7.65
20	20	15	N_D	0.31	0.92
20	20	2	N_D	0.31	0.92
20	20	139	N_D	0.31	0.92
20	20	106	N_D	0.31	0.92
20	20	15	T+_D	0.	0.
20	20	2	T+_D	0.	0.
20	20	139	T+_D	0.	0.
20	20	106	T+_D	0.	0.
20	20	15	T-_D	0.	0.
20	20	2	T-_D	0.	0.
20	20	139	T-_D	0.	0.
20	20	106	T-_D	0.	0.
20	20	15	W+_K	0.	0.
20	20	2	W+_K	0.	0.
20	20	139	W+_K	0.	0.
20	20	106	W+_K	0.	0.
20	20	15	W-_K	0.	0.
20	20	2	W-_K	0.	0.
20	20	139	W-_K	0.	0.
20	20	106	W-_K	0.	0.
20	20	15	W+_D	0.	0.
20	20	2	W+_D	0.	0.
20	20	139	W+_D	0.	0.
20	20	106	W+_D	0.	0.
20	20	15	W-_D	0.	0.
20	20	2	W-_D	0.	0.
20	20	139	W-_D	0.	0.
20	20	106	W-_D	0.	0.
20	20	15	SISMA SLV X	1.2	1.09
20	20	2	SISMA SLV X	1.2	1.09
20	20	139	SISMA SLV X	1.2	1.09
20	20	106	SISMA SLV X	1.2	1.09
20	20	15	SISMA SLV Y	0.7	0.59
20	20	2	SISMA SLV Y	0.7	0.59
20	20	139	SISMA SLV Y	0.7	0.59
20	20	106	SISMA SLV Y	0.7	0.59
20	20	15	SISMA SLD X	0.59	0.53
20	20	2	SISMA SLD X	0.59	0.53
20	20	139	SISMA SLD X	0.59	0.53
20	20	106	SISMA SLD X	0.59	0.53
20	20	15	SISMA SLD Y	0.34	0.29
20	20	2	SISMA SLD Y	0.34	0.29
20	20	139	SISMA SLD Y	0.34	0.29
20	20	106	SISMA SLD Y	0.34	0.29
20	20	15	SISMA SLO X	0.49	0.44
20	20	2	SISMA SLO X	0.49	0.44
20	20	139	SISMA SLO X	0.49	0.44
20	20	106	SISMA SLO X	0.49	0.44
20	20	15	SISMA SLO Y	0.29	0.24

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
20	20	2	SISMA SLO Y	0.29	0.24
20	20	139	SISMA SLO Y	0.29	0.24
20	20	106	SISMA SLO Y	0.29	0.24
20	20	15	SLT	0.	0.
20	20	2	SLT	0.	0.
20	20	139	SLT	0.	0.
20	20	106	SLT	0.	0.
20	20	15	~TorsionSISMA SLV X	0.	0.
20	20	2	~TorsionSISMA SLV X	0.	0.
20	20	139	~TorsionSISMA SLV X	0.	0.
20	20	106	~TorsionSISMA SLV X	0.	0.
20	20	15	~TorsionSISMA SLV Y	0.	0.
20	20	2	~TorsionSISMA SLV Y	0.	0.
20	20	139	~TorsionSISMA SLV Y	0.	0.
20	20	106	~TorsionSISMA SLV Y	0.	0.
20	20	15	~TorsionSISMA SLD X	0.	0.
20	20	2	~TorsionSISMA SLD X	0.	0.
20	20	139	~TorsionSISMA SLD X	0.	0.
20	20	106	~TorsionSISMA SLD X	0.	0.
20	20	15	~TorsionSISMA SLD Y	0.	0.
20	20	2	~TorsionSISMA SLD Y	0.	0.
20	20	139	~TorsionSISMA SLD Y	0.	0.
20	20	106	~TorsionSISMA SLD Y	0.	0.
20	20	15	~TorsionSISMA SLO X	0.	0.
20	20	2	~TorsionSISMA SLO X	0.	0.
20	20	139	~TorsionSISMA SLO X	0.	0.
20	20	106	~TorsionSISMA SLO X	0.	0.
20	20	15	~TorsionSISMA SLO Y	0.	0.
20	20	2	~TorsionSISMA SLO Y	0.	0.
20	20	139	~TorsionSISMA SLO Y	0.	0.
20	20	106	~TorsionSISMA SLO Y	0.	0.
21	21	137	G1_K	0.97	3.53
21	21	142	G1_K	0.97	3.53
21	21	16	G1_K	0.97	3.53
21	21	2	G1_K	0.97	3.53

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
21	21	137	G2_K	0.11	-0.25
21	21	142	G2_K	0.11	-0.25
21	21	16	G2_K	0.11	-0.25
21	21	2	G2_K	0.11	-0.25
21	21	137	Q_K	0.64	2.26
21	21	142	Q_K	0.64	2.26
21	21	16	Q_K	0.64	2.26
21	21	2	Q_K	0.64	2.26
21	21	137	N_K	7.702E-02	0.27
21	21	142	N_K	7.702E-02	0.27
21	21	16	N_K	7.702E-02	0.27
21	21	2	N_K	7.702E-02	0.27
21	21	137	T+_K	0.	0.
21	21	142	T+_K	0.	0.
21	21	16	T+_K	0.	0.
21	21	2	T+_K	0.	0.
21	21	137	T-_K	0.	0.
21	21	142	T-_K	0.	0.
21	21	16	T-_K	0.	0.
21	21	2	T-_K	0.	0.
21	21	137	G1_D	1.27	4.58
21	21	142	G1_D	1.27	4.58
21	21	16	G1_D	1.27	4.58
21	21	2	G1_D	1.27	4.58
21	21	137	G2_D	0.15	-0.32
21	21	142	G2_D	0.15	-0.32
21	21	16	G2_D	0.15	-0.32
21	21	2	G2_D	0.15	-0.32
21	21	137	Q_D	0.96	3.38
21	21	142	Q_D	0.96	3.38
21	21	16	Q_D	0.96	3.38
21	21	2	Q_D	0.96	3.38
21	21	137	N_D	0.12	0.41
21	21	142	N_D	0.12	0.41
21	21	16	N_D	0.12	0.41
21	21	2	N_D	0.12	0.41
21	21	137	T+_D	0.	0.
21	21	142	T+_D	0.	0.
21	21	16	T+_D	0.	0.
21	21	2	T+_D	0.	0.
21	21	137	T-_D	0.	0.
21	21	142	T-_D	0.	0.
21	21	16	T-_D	0.	0.
21	21	2	T-_D	0.	0.
21	21	137	W+_K	0.	0.
21	21	142	W+_K	0.	0.
21	21	16	W+_K	0.	0.
21	21	2	W+_K	0.	0.
21	21	137	W-_K	0.	0.
21	21	142	W-_K	0.	0.
21	21	16	W-_K	0.	0.
21	21	2	W-_K	0.	0.
21	21	137	W+_D	0.	0.
21	21	142	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
21	21	16	W+_D	0.	0.
21	21	2	W+_D	0.	0.
21	21	137	W-_D	0.	0.
21	21	142	W-_D	0.	0.
21	21	16	W-_D	0.	0.
21	21	2	W-_D	0.	0.
21	21	137	SISMA SLV X	0.62	0.65
21	21	142	SISMA SLV X	0.62	0.65
21	21	16	SISMA SLV X	0.62	0.65
21	21	2	SISMA SLV X	0.62	0.65
21	21	137	SISMA SLV Y	0.52	1.37
21	21	142	SISMA SLV Y	0.52	1.37
21	21	16	SISMA SLV Y	0.52	1.37
21	21	2	SISMA SLV Y	0.52	1.37
21	21	137	SISMA SLD X	0.3	0.32
21	21	142	SISMA SLD X	0.3	0.32
21	21	16	SISMA SLD X	0.3	0.32
21	21	2	SISMA SLD X	0.3	0.32
21	21	137	SISMA SLD Y	0.25	0.67
21	21	142	SISMA SLD Y	0.25	0.67
21	21	16	SISMA SLD Y	0.25	0.67
21	21	2	SISMA SLD Y	0.25	0.67
21	21	137	SISMA SLO X	0.25	0.26
21	21	142	SISMA SLO X	0.25	0.26
21	21	16	SISMA SLO X	0.25	0.26
21	21	2	SISMA SLO X	0.25	0.26
21	21	137	SISMA SLO Y	0.21	0.55
21	21	142	SISMA SLO Y	0.21	0.55
21	21	16	SISMA SLO Y	0.21	0.55
21	21	2	SISMA SLO Y	0.21	0.55
21	21	137	SLT	0.	0.
21	21	142	SLT	0.	0.
21	21	16	SLT	0.	0.
21	21	2	SLT	0.	0.
21	21	137	~TorsionSISMA SLV X	0.	0.
21	21	142	~TorsionSISMA SLV X	0.	0.
21	21	16	~TorsionSISMA SLV X	0.	0.
21	21	2	~TorsionSISMA SLV X	0.	0.
21	21	137	~TorsionSISMA SLV Y	0.	0.
21	21	142	~TorsionSISMA SLV Y	0.	0.
21	21	16	~TorsionSISMA SLV Y	0.	0.
21	21	2	~TorsionSISMA SLV Y	0.	0.
21	21	137	~TorsionSISMA SLD X	0.	0.
21	21	142	~TorsionSISMA SLD X	0.	0.
21	21	16	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
21	21	2	~TorsionSISMA SLD X	0.	0.
21	21	137	~TorsionSISMA SLD Y	0.	0.
21	21	142	~TorsionSISMA SLD Y	0.	0.
21	21	16	~TorsionSISMA SLD Y	0.	0.
21	21	2	~TorsionSISMA SLD Y	0.	0.
21	21	137	~TorsionSISMA SLO X	0.	0.
21	21	142	~TorsionSISMA SLO X	0.	0.
21	21	16	~TorsionSISMA SLO X	0.	0.
21	21	2	~TorsionSISMA SLO X	0.	0.
21	21	137	~TorsionSISMA SLO Y	0.	0.
21	21	142	~TorsionSISMA SLO Y	0.	0.
21	21	16	~TorsionSISMA SLO Y	0.	0.
21	21	2	~TorsionSISMA SLO Y	0.	0.
22	22	2	G1_K	0.23	4.16
22	22	16	G1_K	0.23	4.16
22	22	143	G1_K	0.23	4.16
22	22	139	G1_K	0.23	4.16
22	22	2	G2_K	0.4	-0.3
22	22	16	G2_K	0.4	-0.3
22	22	143	G2_K	0.4	-0.3
22	22	139	G2_K	0.4	-0.3
22	22	2	Q_K	0.14	2.67
22	22	16	Q_K	0.14	2.67
22	22	143	Q_K	0.14	2.67
22	22	139	Q_K	0.14	2.67
22	22	2	N_K	1.735E-02	0.32
22	22	16	N_K	1.735E-02	0.32
22	22	143	N_K	1.735E-02	0.32
22	22	139	N_K	1.735E-02	0.32
22	22	2	T+_K	0.	0.
22	22	16	T+_K	0.	0.
22	22	143	T+_K	0.	0.
22	22	139	T+_K	0.	0.
22	22	2	T-_K	0.	0.
22	22	16	T-_K	0.	0.
22	22	143	T-_K	0.	0.
22	22	139	T-_K	0.	0.
22	22	2	G1_D	0.29	5.41
22	22	16	G1_D	0.29	5.41
22	22	143	G1_D	0.29	5.41
22	22	139	G1_D	0.29	5.41
22	22	2	G2_D	0.52	-0.39
22	22	16	G2_D	0.52	-0.39
22	22	143	G2_D	0.52	-0.39

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
22	22	139	G2_D	0.52	-0.39
22	22	2	Q_D	0.22	4.01
22	22	16	Q_D	0.22	4.01
22	22	143	Q_D	0.22	4.01
22	22	139	Q_D	0.22	4.01
22	22	2	N_D	2.602E-02	0.48
22	22	16	N_D	2.602E-02	0.48
22	22	143	N_D	2.602E-02	0.48
22	22	139	N_D	2.602E-02	0.48
22	22	2	T+_D	0.	0.
22	22	16	T+_D	0.	0.
22	22	143	T+_D	0.	0.
22	22	139	T+_D	0.	0.
22	22	2	T-_D	0.	0.
22	22	16	T-_D	0.	0.
22	22	143	T-_D	0.	0.
22	22	139	T-_D	0.	0.
22	22	2	W+_K	0.	0.
22	22	16	W+_K	0.	0.
22	22	143	W+_K	0.	0.
22	22	139	W+_K	0.	0.
22	22	2	W-_K	0.	0.
22	22	16	W-_K	0.	0.
22	22	143	W-_K	0.	0.
22	22	139	W-_K	0.	0.
22	22	2	W+_D	0.	0.
22	22	16	W+_D	0.	0.
22	22	143	W+_D	0.	0.
22	22	139	W+_D	0.	0.
22	22	2	W-_D	0.	0.
22	22	16	W-_D	0.	0.
22	22	143	W-_D	0.	0.
22	22	139	W-_D	0.	0.
22	22	2	SISMA SLV X	0.37	1.5
22	22	16	SISMA SLV X	0.37	1.5
22	22	143	SISMA SLV X	0.37	1.5
22	22	139	SISMA SLV X	0.37	1.5
22	22	2	SISMA SLV Y	0.47	3.33
22	22	16	SISMA SLV Y	0.47	3.33
22	22	143	SISMA SLV Y	0.47	3.33
22	22	139	SISMA SLV Y	0.47	3.33
22	22	2	SISMA SLD X	0.18	0.73
22	22	16	SISMA SLD X	0.18	0.73
22	22	143	SISMA SLD X	0.18	0.73
22	22	139	SISMA SLD X	0.18	0.73
22	22	2	SISMA SLD Y	0.23	1.63
22	22	16	SISMA SLD Y	0.23	1.63
22	22	143	SISMA SLD Y	0.23	1.63
22	22	139	SISMA SLD Y	0.23	1.63
22	22	2	SISMA SLO X	0.15	0.61
22	22	16	SISMA SLO X	0.15	0.61
22	22	143	SISMA SLO X	0.15	0.61
22	22	139	SISMA SLO X	0.15	0.61
22	22	2	SISMA SLO Y	0.19	1.35

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
22	22	16	SISMA SLO Y	0.19	1.35
22	22	143	SISMA SLO Y	0.19	1.35
22	22	139	SISMA SLO Y	0.19	1.35
22	22	2	SLT	0.	0.
22	22	16	SLT	0.	0.
22	22	143	SLT	0.	0.
22	22	139	SLT	0.	0.
22	22	2	~TorsionSISMA SLV X	0.	0.
22	22	16	~TorsionSISMA SLV X	0.	0.
22	22	143	~TorsionSISMA SLV X	0.	0.
22	22	139	~TorsionSISMA SLV X	0.	0.
22	22	2	~TorsionSISMA SLV Y	0.	0.
22	22	16	~TorsionSISMA SLV Y	0.	0.
22	22	143	~TorsionSISMA SLV Y	0.	0.
22	22	139	~TorsionSISMA SLV Y	0.	0.
22	22	2	~TorsionSISMA SLD X	0.	0.
22	22	16	~TorsionSISMA SLD X	0.	0.
22	22	143	~TorsionSISMA SLD X	0.	0.
22	22	139	~TorsionSISMA SLD X	0.	0.
22	22	2	~TorsionSISMA SLD Y	0.	0.
22	22	16	~TorsionSISMA SLD Y	0.	0.
22	22	143	~TorsionSISMA SLD Y	0.	0.
22	22	139	~TorsionSISMA SLD Y	0.	0.
22	22	2	~TorsionSISMA SLO X	0.	0.
22	22	16	~TorsionSISMA SLO X	0.	0.
22	22	143	~TorsionSISMA SLO X	0.	0.
22	22	139	~TorsionSISMA SLO X	0.	0.
22	22	2	~TorsionSISMA SLO Y	0.	0.
22	22	16	~TorsionSISMA SLO Y	0.	0.
22	22	143	~TorsionSISMA SLO Y	0.	0.
22	22	139	~TorsionSISMA SLO Y	0.	0.
23	23	142	G1_K	0.35	3.43
23	23	145	G1_K	0.35	3.43
23	23	111	G1_K	0.35	3.43
23	23	16	G1_K	0.35	3.43

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
23	23	142	G2_K	0.34	-0.15
23	23	145	G2_K	0.34	-0.15
23	23	111	G2_K	0.34	-0.15
23	23	16	G2_K	0.34	-0.15
23	23	142	Q_K	0.23	2.16
23	23	145	Q_K	0.23	2.16
23	23	111	Q_K	0.23	2.16
23	23	16	Q_K	0.23	2.16
23	23	142	N_K	2.703E-02	0.26
23	23	145	N_K	2.703E-02	0.26
23	23	111	N_K	2.703E-02	0.26
23	23	16	N_K	2.703E-02	0.26
23	23	142	T+_K	0.	0.
23	23	145	T+_K	0.	0.
23	23	111	T+_K	0.	0.
23	23	16	T+_K	0.	0.
23	23	142	T-_K	0.	0.
23	23	145	T-_K	0.	0.
23	23	111	T-_K	0.	0.
23	23	16	T-_K	0.	0.
23	23	142	G1_D	0.46	4.46
23	23	145	G1_D	0.46	4.46
23	23	111	G1_D	0.46	4.46
23	23	16	G1_D	0.46	4.46
23	23	142	G2_D	0.44	-0.2
23	23	145	G2_D	0.44	-0.2
23	23	111	G2_D	0.44	-0.2
23	23	16	G2_D	0.44	-0.2
23	23	142	Q_D	0.34	3.24
23	23	145	Q_D	0.34	3.24
23	23	111	Q_D	0.34	3.24
23	23	16	Q_D	0.34	3.24
23	23	142	N_D	4.054E-02	0.39
23	23	145	N_D	4.054E-02	0.39
23	23	111	N_D	4.054E-02	0.39
23	23	16	N_D	4.054E-02	0.39
23	23	142	T+_D	0.	0.
23	23	145	T+_D	0.	0.
23	23	111	T+_D	0.	0.
23	23	16	T+_D	0.	0.
23	23	142	T-_D	0.	0.
23	23	145	T-_D	0.	0.
23	23	111	T-_D	0.	0.
23	23	16	T-_D	0.	0.
23	23	142	W+_K	0.	0.
23	23	145	W+_K	0.	0.
23	23	111	W+_K	0.	0.
23	23	16	W+_K	0.	0.
23	23	142	W-_K	0.	0.
23	23	145	W-_K	0.	0.
23	23	111	W-_K	0.	0.
23	23	16	W-_K	0.	0.
23	23	142	W+_D	0.	0.
23	23	145	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
23	23	111	W+_D	0.	0.
23	23	16	W+_D	0.	0.
23	23	142	W-_D	0.	0.
23	23	145	W-_D	0.	0.
23	23	111	W-_D	0.	0.
23	23	16	W-_D	0.	0.
23	23	142	SISMA SLV X	0.24	1.25
23	23	145	SISMA SLV X	0.24	1.25
23	23	111	SISMA SLV X	0.24	1.25
23	23	16	SISMA SLV X	0.24	1.25
23	23	142	SISMA SLV Y	0.43	2.71
23	23	145	SISMA SLV Y	0.43	2.71
23	23	111	SISMA SLV Y	0.43	2.71
23	23	16	SISMA SLV Y	0.43	2.71
23	23	142	SISMA SLD X	0.12	0.61
23	23	145	SISMA SLD X	0.12	0.61
23	23	111	SISMA SLD X	0.12	0.61
23	23	16	SISMA SLD X	0.12	0.61
23	23	142	SISMA SLD Y	0.21	1.33
23	23	145	SISMA SLD Y	0.21	1.33
23	23	111	SISMA SLD Y	0.21	1.33
23	23	16	SISMA SLD Y	0.21	1.33
23	23	142	SISMA SLO X	9.751E-02	0.5
23	23	145	SISMA SLO X	9.751E-02	0.5
23	23	111	SISMA SLO X	9.751E-02	0.5
23	23	16	SISMA SLO X	9.751E-02	0.5
23	23	142	SISMA SLO Y	0.17	1.1
23	23	145	SISMA SLO Y	0.17	1.1
23	23	111	SISMA SLO Y	0.17	1.1
23	23	16	SISMA SLO Y	0.17	1.1
23	23	142	SLT	0.	0.
23	23	145	SLT	0.	0.
23	23	111	SLT	0.	0.
23	23	16	SLT	0.	0.
23	23	142	~TorsionSISMA SLV X	0.	0.
23	23	145	~TorsionSISMA SLV X	0.	0.
23	23	111	~TorsionSISMA SLV X	0.	0.
23	23	16	~TorsionSISMA SLV X	0.	0.
23	23	142	~TorsionSISMA SLV Y	0.	0.
23	23	145	~TorsionSISMA SLV Y	0.	0.
23	23	111	~TorsionSISMA SLV Y	0.	0.
23	23	16	~TorsionSISMA SLV Y	0.	0.
23	23	142	~TorsionSISMA SLD X	0.	0.
23	23	145	~TorsionSISMA SLD X	0.	0.
23	23	111	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
23	23	16	~TorsionSISMA SLD X	0.	0.
23	23	142	~TorsionSISMA SLD Y	0.	0.
23	23	145	~TorsionSISMA SLD Y	0.	0.
23	23	111	~TorsionSISMA SLD Y	0.	0.
23	23	16	~TorsionSISMA SLD Y	0.	0.
23	23	142	~TorsionSISMA SLO X	0.	0.
23	23	145	~TorsionSISMA SLO X	0.	0.
23	23	111	~TorsionSISMA SLO X	0.	0.
23	23	16	~TorsionSISMA SLO X	0.	0.
23	23	142	~TorsionSISMA SLO Y	0.	0.
23	23	145	~TorsionSISMA SLO Y	0.	0.
23	23	111	~TorsionSISMA SLO Y	0.	0.
23	23	16	~TorsionSISMA SLO Y	0.	0.
24	24	16	G1_K	-0.15	2.77
24	24	111	G1_K	-0.15	2.77
24	24	108	G1_K	-0.15	2.77
24	24	143	G1_K	-0.15	2.77
24	24	16	G2_K	-0.21	0.11
24	24	111	G2_K	-0.21	0.11
24	24	108	G2_K	-0.21	0.11
24	24	143	G2_K	-0.21	0.11
24	24	16	Q_K	-9.921E-02	1.75
24	24	111	Q_K	-9.921E-02	1.75
24	24	108	Q_K	-9.921E-02	1.75
24	24	143	Q_K	-9.921E-02	1.75
24	24	16	N_K	-1.191E-02	0.21
24	24	111	N_K	-1.191E-02	0.21
24	24	108	N_K	-1.191E-02	0.21
24	24	143	N_K	-1.191E-02	0.21
24	24	16	T+_K	0.	0.
24	24	111	T+_K	0.	0.
24	24	108	T+_K	0.	0.
24	24	143	T+_K	0.	0.
24	24	16	T-_K	0.	0.
24	24	111	T-_K	0.	0.
24	24	108	T-_K	0.	0.
24	24	143	T-_K	0.	0.
24	24	16	G1_D	-0.19	3.6
24	24	111	G1_D	-0.19	3.6
24	24	108	G1_D	-0.19	3.6
24	24	143	G1_D	-0.19	3.6
24	24	16	G2_D	-0.28	0.15
24	24	111	G2_D	-0.28	0.15
24	24	108	G2_D	-0.28	0.15

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
24	24	143	G2_D	-0.28	0.15
24	24	16	Q_D	-0.15	2.63
24	24	111	Q_D	-0.15	2.63
24	24	108	Q_D	-0.15	2.63
24	24	143	Q_D	-0.15	2.63
24	24	16	N_D	-1.786E-02	0.32
24	24	111	N_D	-1.786E-02	0.32
24	24	108	N_D	-1.786E-02	0.32
24	24	143	N_D	-1.786E-02	0.32
24	24	16	T+_D	0.	0.
24	24	111	T+_D	0.	0.
24	24	108	T+_D	0.	0.
24	24	143	T+_D	0.	0.
24	24	16	T-_D	0.	0.
24	24	111	T-_D	0.	0.
24	24	108	T-_D	0.	0.
24	24	143	T-_D	0.	0.
24	24	16	W+_K	0.	0.
24	24	111	W+_K	0.	0.
24	24	108	W+_K	0.	0.
24	24	143	W+_K	0.	0.
24	24	16	W-_K	0.	0.
24	24	111	W-_K	0.	0.
24	24	108	W-_K	0.	0.
24	24	143	W-_K	0.	0.
24	24	16	W+_D	0.	0.
24	24	111	W+_D	0.	0.
24	24	108	W+_D	0.	0.
24	24	143	W+_D	0.	0.
24	24	16	W-_D	0.	0.
24	24	111	W-_D	0.	0.
24	24	108	W-_D	0.	0.
24	24	143	W-_D	0.	0.
24	24	16	SISMA SLV X	0.19	1.87
24	24	111	SISMA SLV X	0.19	1.87
24	24	108	SISMA SLV X	0.19	1.87
24	24	143	SISMA SLV X	0.19	1.87
24	24	16	SISMA SLV Y	0.41	4.13
24	24	111	SISMA SLV Y	0.41	4.13
24	24	108	SISMA SLV Y	0.41	4.13
24	24	143	SISMA SLV Y	0.41	4.13
24	24	16	SISMA SLD X	9.069E-02	0.91
24	24	111	SISMA SLD X	9.069E-02	0.91
24	24	108	SISMA SLD X	9.069E-02	0.91
24	24	143	SISMA SLD X	9.069E-02	0.91
24	24	16	SISMA SLD Y	0.2	2.02
24	24	111	SISMA SLD Y	0.2	2.02
24	24	108	SISMA SLD Y	0.2	2.02
24	24	143	SISMA SLD Y	0.2	2.02
24	24	16	SISMA SLO X	7.511E-02	0.76
24	24	111	SISMA SLO X	7.511E-02	0.76
24	24	108	SISMA SLO X	7.511E-02	0.76
24	24	143	SISMA SLO X	7.511E-02	0.76
24	24	16	SISMA SLO Y	0.16	1.67

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
24	24	111	SISMA SLO Y	0.16	1.67
24	24	108	SISMA SLO Y	0.16	1.67
24	24	143	SISMA SLO Y	0.16	1.67
24	24	16	SLT	0.	0.
24	24	111	SLT	0.	0.
24	24	108	SLT	0.	0.
24	24	143	SLT	0.	0.
24	24	16	~TorsionSISMA SLV X	0.	0.
24	24	111	~TorsionSISMA SLV X	0.	0.
24	24	108	~TorsionSISMA SLV X	0.	0.
24	24	143	~TorsionSISMA SLV X	0.	0.
24	24	16	~TorsionSISMA SLV Y	0.	0.
24	24	111	~TorsionSISMA SLV Y	0.	0.
24	24	108	~TorsionSISMA SLV Y	0.	0.
24	24	143	~TorsionSISMA SLV Y	0.	0.
24	24	16	~TorsionSISMA SLD X	0.	0.
24	24	111	~TorsionSISMA SLD X	0.	0.
24	24	108	~TorsionSISMA SLD X	0.	0.
24	24	143	~TorsionSISMA SLD X	0.	0.
24	24	16	~TorsionSISMA SLD Y	0.	0.
24	24	111	~TorsionSISMA SLD Y	0.	0.
24	24	108	~TorsionSISMA SLD Y	0.	0.
24	24	143	~TorsionSISMA SLD Y	0.	0.
24	24	16	~TorsionSISMA SLO X	0.	0.
24	24	111	~TorsionSISMA SLO X	0.	0.
24	24	108	~TorsionSISMA SLO X	0.	0.
24	24	143	~TorsionSISMA SLO X	0.	0.
24	24	16	~TorsionSISMA SLO Y	0.	0.
24	24	111	~TorsionSISMA SLO Y	0.	0.
24	24	108	~TorsionSISMA SLO Y	0.	0.
24	24	143	~TorsionSISMA SLO Y	0.	0.
25	25	102	G1_K	-0.14	2.09
25	25	134	G1_K	-0.14	2.09
25	25	17	G1_K	-0.14	2.09
25	25	18	G1_K	-0.14	2.09

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
25	25	102	G2_K	-1.534E-02	-0.4
25	25	134	G2_K	-1.534E-02	-0.4
25	25	17	G2_K	-1.534E-02	-0.4
25	25	18	G2_K	-1.534E-02	-0.4
25	25	102	Q_K	2.788E-02	0.66
25	25	134	Q_K	2.788E-02	0.66
25	25	17	Q_K	2.788E-02	0.66
25	25	18	Q_K	2.788E-02	0.66
25	25	102	N_K	3.346E-03	7.952E-02
25	25	134	N_K	3.346E-03	7.952E-02
25	25	17	N_K	3.346E-03	7.952E-02
25	25	18	N_K	3.346E-03	7.952E-02
25	25	102	T+_K	0.	0.
25	25	134	T+_K	0.	0.
25	25	17	T+_K	0.	0.
25	25	18	T+_K	0.	0.
25	25	102	T-_K	0.	0.
25	25	134	T-_K	0.	0.
25	25	17	T-_K	0.	0.
25	25	18	T-_K	0.	0.
25	25	102	G1_D	-0.19	2.71
25	25	134	G1_D	-0.19	2.71
25	25	17	G1_D	-0.19	2.71
25	25	18	G1_D	-0.19	2.71
25	25	102	G2_D	-1.994E-02	-0.52
25	25	134	G2_D	-1.994E-02	-0.52
25	25	17	G2_D	-1.994E-02	-0.52
25	25	18	G2_D	-1.994E-02	-0.52
25	25	102	Q_D	4.182E-02	0.99
25	25	134	Q_D	4.182E-02	0.99
25	25	17	Q_D	4.182E-02	0.99
25	25	18	Q_D	4.182E-02	0.99
25	25	102	N_D	5.018E-03	0.12
25	25	134	N_D	5.018E-03	0.12
25	25	17	N_D	5.018E-03	0.12
25	25	18	N_D	5.018E-03	0.12
25	25	102	T+_D	0.	0.
25	25	134	T+_D	0.	0.
25	25	17	T+_D	0.	0.
25	25	18	T+_D	0.	0.
25	25	102	T-_D	0.	0.
25	25	134	T-_D	0.	0.
25	25	17	T-_D	0.	0.
25	25	18	T-_D	0.	0.
25	25	102	W+_K	0.	0.
25	25	134	W+_K	0.	0.
25	25	17	W+_K	0.	0.
25	25	18	W+_K	0.	0.
25	25	102	W-_K	0.	0.
25	25	134	W-_K	0.	0.
25	25	17	W-_K	0.	0.
25	25	18	W-_K	0.	0.
25	25	102	W+_D	0.	0.
25	25	134	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
25	25	17	W+_D	0.	0.
25	25	18	W+_D	0.	0.
25	25	102	W-_D	0.	0.
25	25	134	W-_D	0.	0.
25	25	17	W-_D	0.	0.
25	25	18	W-_D	0.	0.
25	25	102	SISMA SLV X	9.486E-02	1.69
25	25	134	SISMA SLV X	9.486E-02	1.69
25	25	17	SISMA SLV X	9.486E-02	1.69
25	25	18	SISMA SLV X	9.486E-02	1.69
25	25	102	SISMA SLV Y	0.13	3.79
25	25	134	SISMA SLV Y	0.13	3.79
25	25	17	SISMA SLV Y	0.13	3.79
25	25	18	SISMA SLV Y	0.13	3.79
25	25	102	SISMA SLD X	4.633E-02	0.83
25	25	134	SISMA SLD X	4.633E-02	0.83
25	25	17	SISMA SLD X	4.633E-02	0.83
25	25	18	SISMA SLD X	4.633E-02	0.83
25	25	102	SISMA SLD Y	6.445E-02	1.85
25	25	134	SISMA SLD Y	6.445E-02	1.85
25	25	17	SISMA SLD Y	6.445E-02	1.85
25	25	18	SISMA SLD Y	6.445E-02	1.85
25	25	102	SISMA SLO X	3.835E-02	0.68
25	25	134	SISMA SLO X	3.835E-02	0.68
25	25	17	SISMA SLO X	3.835E-02	0.68
25	25	18	SISMA SLO X	3.835E-02	0.68
25	25	102	SISMA SLO Y	5.329E-02	1.53
25	25	134	SISMA SLO Y	5.329E-02	1.53
25	25	17	SISMA SLO Y	5.329E-02	1.53
25	25	18	SISMA SLO Y	5.329E-02	1.53
25	25	102	SLT	0.	0.
25	25	134	SLT	0.	0.
25	25	17	SLT	0.	0.
25	25	18	SLT	0.	0.
25	25	102	~TorsionSISMA SLV X	0.	0.
25	25	134	~TorsionSISMA SLV X	0.	0.
25	25	17	~TorsionSISMA SLV X	0.	0.
25	25	18	~TorsionSISMA SLV X	0.	0.
25	25	102	~TorsionSISMA SLV Y	0.	0.
25	25	134	~TorsionSISMA SLV Y	0.	0.
25	25	17	~TorsionSISMA SLV Y	0.	0.
25	25	18	~TorsionSISMA SLV Y	0.	0.
25	25	102	~TorsionSISMA SLD X	0.	0.
25	25	134	~TorsionSISMA SLD X	0.	0.
25	25	17	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
25	25	18	~TorsionSISMA SLD X	0.	0.
25	25	102	~TorsionSISMA SLD Y	0.	0.
25	25	134	~TorsionSISMA SLD Y	0.	0.
25	25	17	~TorsionSISMA SLD Y	0.	0.
25	25	18	~TorsionSISMA SLD Y	0.	0.
25	25	102	~TorsionSISMA SLO X	0.	0.
25	25	134	~TorsionSISMA SLO X	0.	0.
25	25	17	~TorsionSISMA SLO X	0.	0.
25	25	18	~TorsionSISMA SLO X	0.	0.
25	25	102	~TorsionSISMA SLO Y	0.	0.
25	25	134	~TorsionSISMA SLO Y	0.	0.
25	25	17	~TorsionSISMA SLO Y	0.	0.
25	25	18	~TorsionSISMA SLO Y	0.	0.
26	26	18	G1_K	0.26	0.23
26	26	17	G1_K	0.26	0.23
26	26	135	G1_K	0.26	0.23
26	26	136	G1_K	0.26	0.23
26	26	18	G2_K	-1.436E-02	-0.34
26	26	17	G2_K	-1.436E-02	-0.34
26	26	135	G2_K	-1.436E-02	-0.34
26	26	136	G2_K	-1.436E-02	-0.34
26	26	18	Q_K	0.4	0.2
26	26	17	Q_K	0.4	0.2
26	26	135	Q_K	0.4	0.2
26	26	136	Q_K	0.4	0.2
26	26	18	N_K	4.743E-02	2.388E-02
26	26	17	N_K	4.743E-02	2.388E-02
26	26	135	N_K	4.743E-02	2.388E-02
26	26	136	N_K	4.743E-02	2.388E-02
26	26	18	T+_K	0.	0.
26	26	17	T+_K	0.	0.
26	26	135	T+_K	0.	0.
26	26	136	T+_K	0.	0.
26	26	18	T-_K	0.	0.
26	26	17	T-_K	0.	0.
26	26	135	T-_K	0.	0.
26	26	136	T-_K	0.	0.
26	26	18	G1_D	0.34	0.3
26	26	17	G1_D	0.34	0.3
26	26	135	G1_D	0.34	0.3
26	26	136	G1_D	0.34	0.3
26	26	18	G2_D	-1.867E-02	-0.45
26	26	17	G2_D	-1.867E-02	-0.45
26	26	135	G2_D	-1.867E-02	-0.45

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
26	26	136	G2_D	-1.867E-02	-0.45
26	26	18	Q_D	0.59	0.3
26	26	17	Q_D	0.59	0.3
26	26	135	Q_D	0.59	0.3
26	26	136	Q_D	0.59	0.3
26	26	18	N_D	7.115E-02	3.582E-02
26	26	17	N_D	7.115E-02	3.582E-02
26	26	135	N_D	7.115E-02	3.582E-02
26	26	136	N_D	7.115E-02	3.582E-02
26	26	18	T+_D	0.	0.
26	26	17	T+_D	0.	0.
26	26	135	T+_D	0.	0.
26	26	136	T+_D	0.	0.
26	26	18	T-_D	0.	0.
26	26	17	T-_D	0.	0.
26	26	135	T-_D	0.	0.
26	26	136	T-_D	0.	0.
26	26	18	W+_K	0.	0.
26	26	17	W+_K	0.	0.
26	26	135	W+_K	0.	0.
26	26	136	W+_K	0.	0.
26	26	18	W-_K	0.	0.
26	26	17	W-_K	0.	0.
26	26	135	W-_K	0.	0.
26	26	136	W-_K	0.	0.
26	26	18	W+_D	0.	0.
26	26	17	W+_D	0.	0.
26	26	135	W+_D	0.	0.
26	26	136	W+_D	0.	0.
26	26	18	W-_D	0.	0.
26	26	17	W-_D	0.	0.
26	26	135	W-_D	0.	0.
26	26	136	W-_D	0.	0.
26	26	18	SISMA SLV X	0.39	0.97
26	26	17	SISMA SLV X	0.39	0.97
26	26	135	SISMA SLV X	0.39	0.97
26	26	136	SISMA SLV X	0.39	0.97
26	26	18	SISMA SLV Y	0.57	1.82
26	26	17	SISMA SLV Y	0.57	1.82
26	26	135	SISMA SLV Y	0.57	1.82
26	26	136	SISMA SLV Y	0.57	1.82
26	26	18	SISMA SLD X	0.19	0.47
26	26	17	SISMA SLD X	0.19	0.47
26	26	135	SISMA SLD X	0.19	0.47
26	26	136	SISMA SLD X	0.19	0.47
26	26	18	SISMA SLD Y	0.28	0.89
26	26	17	SISMA SLD Y	0.28	0.89
26	26	135	SISMA SLD Y	0.28	0.89
26	26	136	SISMA SLD Y	0.28	0.89
26	26	18	SISMA SLO X	0.16	0.39
26	26	17	SISMA SLO X	0.16	0.39
26	26	135	SISMA SLO X	0.16	0.39
26	26	136	SISMA SLO X	0.16	0.39
26	26	18	SISMA SLO Y	0.23	0.73

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
26	26	17	SISMA SLO Y	0.23	0.73
26	26	135	SISMA SLO Y	0.23	0.73
26	26	136	SISMA SLO Y	0.23	0.73
26	26	18	SLT	0.	0.
26	26	17	SLT	0.	0.
26	26	135	SLT	0.	0.
26	26	136	SLT	0.	0.
26	26	18	~TorsionSISMA SLV X	0.	0.
26	26	17	~TorsionSISMA SLV X	0.	0.
26	26	135	~TorsionSISMA SLV X	0.	0.
26	26	136	~TorsionSISMA SLV X	0.	0.
26	26	18	~TorsionSISMA SLV Y	0.	0.
26	26	17	~TorsionSISMA SLV Y	0.	0.
26	26	135	~TorsionSISMA SLV Y	0.	0.
26	26	136	~TorsionSISMA SLV Y	0.	0.
26	26	18	~TorsionSISMA SLD X	0.	0.
26	26	17	~TorsionSISMA SLD X	0.	0.
26	26	135	~TorsionSISMA SLD X	0.	0.
26	26	136	~TorsionSISMA SLD X	0.	0.
26	26	18	~TorsionSISMA SLD Y	0.	0.
26	26	17	~TorsionSISMA SLD Y	0.	0.
26	26	135	~TorsionSISMA SLD Y	0.	0.
26	26	136	~TorsionSISMA SLD Y	0.	0.
26	26	18	~TorsionSISMA SLO X	0.	0.
26	26	17	~TorsionSISMA SLO X	0.	0.
26	26	135	~TorsionSISMA SLO X	0.	0.
26	26	136	~TorsionSISMA SLO X	0.	0.
26	26	18	~TorsionSISMA SLO Y	0.	0.
26	26	17	~TorsionSISMA SLO Y	0.	0.
26	26	135	~TorsionSISMA SLO Y	0.	0.
26	26	136	~TorsionSISMA SLO Y	0.	0.
27	27	136	G1_K	1.24	0.39
27	27	135	G1_K	1.24	0.39
27	27	19	G1_K	1.24	0.39
27	27	20	G1_K	1.24	0.39

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
27	27	136	G2_K	2.423E-02	-0.58
27	27	135	G2_K	2.423E-02	-0.58
27	27	19	G2_K	2.423E-02	-0.58
27	27	20	G2_K	2.423E-02	-0.58
27	27	136	Q_K	0.92	0.3
27	27	135	Q_K	0.92	0.3
27	27	19	Q_K	0.92	0.3
27	27	20	Q_K	0.92	0.3
27	27	136	N_K	0.11	3.660E-02
27	27	135	N_K	0.11	3.660E-02
27	27	19	N_K	0.11	3.660E-02
27	27	20	N_K	0.11	3.660E-02
27	27	136	T+_K	0.	0.
27	27	135	T+_K	0.	0.
27	27	19	T+_K	0.	0.
27	27	20	T+_K	0.	0.
27	27	136	T-_K	0.	0.
27	27	135	T-_K	0.	0.
27	27	19	T-_K	0.	0.
27	27	20	T-_K	0.	0.
27	27	136	G1_D	1.61	0.51
27	27	135	G1_D	1.61	0.51
27	27	19	G1_D	1.61	0.51
27	27	20	G1_D	1.61	0.51
27	27	136	G2_D	3.150E-02	-0.75
27	27	135	G2_D	3.150E-02	-0.75
27	27	19	G2_D	3.150E-02	-0.75
27	27	20	G2_D	3.150E-02	-0.75
27	27	136	Q_D	1.38	0.46
27	27	135	Q_D	1.38	0.46
27	27	19	Q_D	1.38	0.46
27	27	20	Q_D	1.38	0.46
27	27	136	N_D	0.17	5.489E-02
27	27	135	N_D	0.17	5.489E-02
27	27	19	N_D	0.17	5.489E-02
27	27	20	N_D	0.17	5.489E-02
27	27	136	T+_D	0.	0.
27	27	135	T+_D	0.	0.
27	27	19	T+_D	0.	0.
27	27	20	T+_D	0.	0.
27	27	136	T-_D	0.	0.
27	27	135	T-_D	0.	0.
27	27	19	T-_D	0.	0.
27	27	20	T-_D	0.	0.
27	27	136	W+_K	0.	0.
27	27	135	W+_K	0.	0.
27	27	19	W+_K	0.	0.
27	27	20	W+_K	0.	0.
27	27	136	W-_K	0.	0.
27	27	135	W-_K	0.	0.
27	27	19	W-_K	0.	0.
27	27	20	W-_K	0.	0.
27	27	136	W+_D	0.	0.
27	27	135	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
27	27	19	W+_D	0.	0.
27	27	20	W+_D	0.	0.
27	27	136	W-_D	0.	0.
27	27	135	W-_D	0.	0.
27	27	19	W-_D	0.	0.
27	27	20	W-_D	0.	0.
27	27	136	SISMA SLV X	0.88	0.85
27	27	135	SISMA SLV X	0.88	0.85
27	27	19	SISMA SLV X	0.88	0.85
27	27	20	SISMA SLV X	0.88	0.85
27	27	136	SISMA SLV Y	1.47	1.35
27	27	135	SISMA SLV Y	1.47	1.35
27	27	19	SISMA SLV Y	1.47	1.35
27	27	20	SISMA SLV Y	1.47	1.35
27	27	136	SISMA SLD X	0.43	0.42
27	27	135	SISMA SLD X	0.43	0.42
27	27	19	SISMA SLD X	0.43	0.42
27	27	20	SISMA SLD X	0.43	0.42
27	27	136	SISMA SLD Y	0.72	0.66
27	27	135	SISMA SLD Y	0.72	0.66
27	27	19	SISMA SLD Y	0.72	0.66
27	27	20	SISMA SLD Y	0.72	0.66
27	27	136	SISMA SLO X	0.36	0.34
27	27	135	SISMA SLO X	0.36	0.34
27	27	19	SISMA SLO X	0.36	0.34
27	27	20	SISMA SLO X	0.36	0.34
27	27	136	SISMA SLO Y	0.6	0.55
27	27	135	SISMA SLO Y	0.6	0.55
27	27	19	SISMA SLO Y	0.6	0.55
27	27	20	SISMA SLO Y	0.6	0.55
27	27	136	SLT	0.	0.
27	27	135	SLT	0.	0.
27	27	19	SLT	0.	0.
27	27	20	SLT	0.	0.
27	27	136	~TorsionSISMA SLV X	0.	0.
27	27	135	~TorsionSISMA SLV X	0.	0.
27	27	19	~TorsionSISMA SLV X	0.	0.
27	27	20	~TorsionSISMA SLV X	0.	0.
27	27	136	~TorsionSISMA SLV Y	0.	0.
27	27	135	~TorsionSISMA SLV Y	0.	0.
27	27	19	~TorsionSISMA SLV Y	0.	0.
27	27	20	~TorsionSISMA SLV Y	0.	0.
27	27	136	~TorsionSISMA SLD X	0.	0.
27	27	135	~TorsionSISMA SLD X	0.	0.
27	27	19	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
27	27	20	~TorsionSISMA SLD X	0.	0.
27	27	136	~TorsionSISMA SLD Y	0.	0.
27	27	135	~TorsionSISMA SLD Y	0.	0.
27	27	19	~TorsionSISMA SLD Y	0.	0.
27	27	20	~TorsionSISMA SLD Y	0.	0.
27	27	136	~TorsionSISMA SLO X	0.	0.
27	27	135	~TorsionSISMA SLO X	0.	0.
27	27	19	~TorsionSISMA SLO X	0.	0.
27	27	20	~TorsionSISMA SLO X	0.	0.
27	27	136	~TorsionSISMA SLO Y	0.	0.
27	27	135	~TorsionSISMA SLO Y	0.	0.
27	27	19	~TorsionSISMA SLO Y	0.	0.
27	27	20	~TorsionSISMA SLO Y	0.	0.
28	28	20	G1_K	2.34	1.16
28	28	19	G1_K	2.34	1.16
28	28	137	G1_K	2.34	1.16
28	28	138	G1_K	2.34	1.16
28	28	20	G2_K	3.455E-02	-0.7
28	28	19	G2_K	3.455E-02	-0.7
28	28	137	G2_K	3.455E-02	-0.7
28	28	138	G2_K	3.455E-02	-0.7
28	28	20	Q_K	1.58	0.82
28	28	19	Q_K	1.58	0.82
28	28	137	Q_K	1.58	0.82
28	28	138	Q_K	1.58	0.82
28	28	20	N_K	0.19	9.816E-02
28	28	19	N_K	0.19	9.816E-02
28	28	137	N_K	0.19	9.816E-02
28	28	138	N_K	0.19	9.816E-02
28	28	20	T+_K	0.	0.
28	28	19	T+_K	0.	0.
28	28	137	T+_K	0.	0.
28	28	138	T+_K	0.	0.
28	28	20	T-_K	0.	0.
28	28	19	T-_K	0.	0.
28	28	137	T-_K	0.	0.
28	28	138	T-_K	0.	0.
28	28	20	G1_D	3.04	1.51
28	28	19	G1_D	3.04	1.51
28	28	137	G1_D	3.04	1.51
28	28	138	G1_D	3.04	1.51
28	28	20	G2_D	4.492E-02	-0.92
28	28	19	G2_D	4.492E-02	-0.92
28	28	137	G2_D	4.492E-02	-0.92

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
28	28	138	G2_D	4.492E-02	-0.92
28	28	20	Q_D	2.37	1.23
28	28	19	Q_D	2.37	1.23
28	28	137	Q_D	2.37	1.23
28	28	138	Q_D	2.37	1.23
28	28	20	N_D	0.28	0.15
28	28	19	N_D	0.28	0.15
28	28	137	N_D	0.28	0.15
28	28	138	N_D	0.28	0.15
28	28	20	T+_D	0.	0.
28	28	19	T+_D	0.	0.
28	28	137	T+_D	0.	0.
28	28	138	T+_D	0.	0.
28	28	20	T-_D	0.	0.
28	28	19	T-_D	0.	0.
28	28	137	T-_D	0.	0.
28	28	138	T-_D	0.	0.
28	28	20	W+_K	0.	0.
28	28	19	W+_K	0.	0.
28	28	137	W+_K	0.	0.
28	28	138	W+_K	0.	0.
28	28	20	W-_K	0.	0.
28	28	19	W-_K	0.	0.
28	28	137	W-_K	0.	0.
28	28	138	W-_K	0.	0.
28	28	20	W+_D	0.	0.
28	28	19	W+_D	0.	0.
28	28	137	W+_D	0.	0.
28	28	138	W+_D	0.	0.
28	28	20	W-_D	0.	0.
28	28	19	W-_D	0.	0.
28	28	137	W-_D	0.	0.
28	28	138	W-_D	0.	0.
28	28	20	SISMA SLV X	1.26	0.62
28	28	19	SISMA SLV X	1.26	0.62
28	28	137	SISMA SLV X	1.26	0.62
28	28	138	SISMA SLV X	1.26	0.62
28	28	20	SISMA SLV Y	1.9	0.93
28	28	19	SISMA SLV Y	1.9	0.93
28	28	137	SISMA SLV Y	1.9	0.93
28	28	138	SISMA SLV Y	1.9	0.93
28	28	20	SISMA SLD X	0.61	0.3
28	28	19	SISMA SLD X	0.61	0.3
28	28	137	SISMA SLD X	0.61	0.3
28	28	138	SISMA SLD X	0.61	0.3
28	28	20	SISMA SLD Y	0.93	0.45
28	28	19	SISMA SLD Y	0.93	0.45
28	28	137	SISMA SLD Y	0.93	0.45
28	28	138	SISMA SLD Y	0.93	0.45
28	28	20	SISMA SLO X	0.51	0.25
28	28	19	SISMA SLO X	0.51	0.25
28	28	137	SISMA SLO X	0.51	0.25
28	28	138	SISMA SLO X	0.51	0.25
28	28	20	SISMA SLO Y	0.77	0.38

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
28	28	19	SISMA SLO Y	0.77	0.38
28	28	137	SISMA SLO Y	0.77	0.38
28	28	138	SISMA SLO Y	0.77	0.38
28	28	20	SLT	0.	0.
28	28	19	SLT	0.	0.
28	28	137	SLT	0.	0.
28	28	138	SLT	0.	0.
28	28	20	~TorsionSISMA SLV X	0.	0.
28	28	19	~TorsionSISMA SLV X	0.	0.
28	28	137	~TorsionSISMA SLV X	0.	0.
28	28	138	~TorsionSISMA SLV X	0.	0.
28	28	20	~TorsionSISMA SLV Y	0.	0.
28	28	19	~TorsionSISMA SLV Y	0.	0.
28	28	137	~TorsionSISMA SLV Y	0.	0.
28	28	138	~TorsionSISMA SLV Y	0.	0.
28	28	20	~TorsionSISMA SLD X	0.	0.
28	28	19	~TorsionSISMA SLD X	0.	0.
28	28	137	~TorsionSISMA SLD X	0.	0.
28	28	138	~TorsionSISMA SLD X	0.	0.
28	28	20	~TorsionSISMA SLD Y	0.	0.
28	28	19	~TorsionSISMA SLD Y	0.	0.
28	28	137	~TorsionSISMA SLD Y	0.	0.
28	28	138	~TorsionSISMA SLD Y	0.	0.
28	28	20	~TorsionSISMA SLO X	0.	0.
28	28	19	~TorsionSISMA SLO X	0.	0.
28	28	137	~TorsionSISMA SLO X	0.	0.
28	28	138	~TorsionSISMA SLO X	0.	0.
28	28	20	~TorsionSISMA SLO Y	0.	0.
28	28	19	~TorsionSISMA SLO Y	0.	0.
28	28	137	~TorsionSISMA SLO Y	0.	0.
28	28	138	~TorsionSISMA SLO Y	0.	0.
29	29	134	G1_K	-6.749E-02	2.19
29	29	140	G1_K	-6.749E-02	2.19
29	29	21	G1_K	-6.749E-02	2.19
29	29	17	G1_K	-6.749E-02	2.19

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
29	29	134	G2_K	-6.230E-03	-0.34
29	29	140	G2_K	-6.230E-03	-0.34
29	29	21	G2_K	-6.230E-03	-0.34
29	29	17	G2_K	-6.230E-03	-0.34
29	29	134	Q_K	-3.659E-02	1.25
29	29	140	Q_K	-3.659E-02	1.25
29	29	21	Q_K	-3.659E-02	1.25
29	29	17	Q_K	-3.659E-02	1.25
29	29	134	N_K	-4.391E-03	0.15
29	29	140	N_K	-4.391E-03	0.15
29	29	21	N_K	-4.391E-03	0.15
29	29	17	N_K	-4.391E-03	0.15
29	29	134	T+_K	0.	0.
29	29	140	T+_K	0.	0.
29	29	21	T+_K	0.	0.
29	29	17	T+_K	0.	0.
29	29	134	T-_K	0.	0.
29	29	140	T-_K	0.	0.
29	29	21	T-_K	0.	0.
29	29	17	T-_K	0.	0.
29	29	134	G1_D	-8.774E-02	2.84
29	29	140	G1_D	-8.774E-02	2.84
29	29	21	G1_D	-8.774E-02	2.84
29	29	17	G1_D	-8.774E-02	2.84
29	29	134	G2_D	-8.100E-03	-0.44
29	29	140	G2_D	-8.100E-03	-0.44
29	29	21	G2_D	-8.100E-03	-0.44
29	29	17	G2_D	-8.100E-03	-0.44
29	29	134	Q_D	-5.489E-02	1.87
29	29	140	Q_D	-5.489E-02	1.87
29	29	21	Q_D	-5.489E-02	1.87
29	29	17	Q_D	-5.489E-02	1.87
29	29	134	N_D	-6.587E-03	0.22
29	29	140	N_D	-6.587E-03	0.22
29	29	21	N_D	-6.587E-03	0.22
29	29	17	N_D	-6.587E-03	0.22
29	29	134	T+_D	0.	0.
29	29	140	T+_D	0.	0.
29	29	21	T+_D	0.	0.
29	29	17	T+_D	0.	0.
29	29	134	T-_D	0.	0.
29	29	140	T-_D	0.	0.
29	29	21	T-_D	0.	0.
29	29	17	T-_D	0.	0.
29	29	134	W+_K	0.	0.
29	29	140	W+_K	0.	0.
29	29	21	W+_K	0.	0.
29	29	17	W+_K	0.	0.
29	29	134	W-_K	0.	0.
29	29	140	W-_K	0.	0.
29	29	21	W-_K	0.	0.
29	29	17	W-_K	0.	0.
29	29	134	W+_D	0.	0.
29	29	140	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
29	29	21	W+_D	0.	0.
29	29	17	W+_D	0.	0.
29	29	134	W-_D	0.	0.
29	29	140	W-_D	0.	0.
29	29	21	W-_D	0.	0.
29	29	17	W-_D	0.	0.
29	29	134	SISMA SLV X	3.352E-02	1.96
29	29	140	SISMA SLV X	3.352E-02	1.96
29	29	21	SISMA SLV X	3.352E-02	1.96
29	29	17	SISMA SLV X	3.352E-02	1.96
29	29	134	SISMA SLV Y	2.908E-02	4.34
29	29	140	SISMA SLV Y	2.908E-02	4.34
29	29	21	SISMA SLV Y	2.908E-02	4.34
29	29	17	SISMA SLV Y	2.908E-02	4.34
29	29	134	SISMA SLD X	1.637E-02	0.96
29	29	140	SISMA SLD X	1.637E-02	0.96
29	29	21	SISMA SLD X	1.637E-02	0.96
29	29	17	SISMA SLD X	1.637E-02	0.96
29	29	134	SISMA SLD Y	1.419E-02	2.12
29	29	140	SISMA SLD Y	1.419E-02	2.12
29	29	21	SISMA SLD Y	1.419E-02	2.12
29	29	17	SISMA SLD Y	1.419E-02	2.12
29	29	134	SISMA SLO X	1.355E-02	0.79
29	29	140	SISMA SLO X	1.355E-02	0.79
29	29	21	SISMA SLO X	1.355E-02	0.79
29	29	17	SISMA SLO X	1.355E-02	0.79
29	29	134	SISMA SLO Y	1.172E-02	1.75
29	29	140	SISMA SLO Y	1.172E-02	1.75
29	29	21	SISMA SLO Y	1.172E-02	1.75
29	29	17	SISMA SLO Y	1.172E-02	1.75
29	29	134	SLT	0.	0.
29	29	140	SLT	0.	0.
29	29	21	SLT	0.	0.
29	29	17	SLT	0.	0.
29	29	134	~TorsionSISMA SLV X	0.	0.
29	29	140	~TorsionSISMA SLV X	0.	0.
29	29	21	~TorsionSISMA SLV X	0.	0.
29	29	17	~TorsionSISMA SLV X	0.	0.
29	29	134	~TorsionSISMA SLV Y	0.	0.
29	29	140	~TorsionSISMA SLV Y	0.	0.
29	29	21	~TorsionSISMA SLV Y	0.	0.
29	29	17	~TorsionSISMA SLV Y	0.	0.
29	29	134	~TorsionSISMA SLD X	0.	0.
29	29	140	~TorsionSISMA SLD X	0.	0.
29	29	21	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
29	29	17	~TorsionSISMA SLD X	0.	0.
29	29	134	~TorsionSISMA SLD Y	0.	0.
29	29	140	~TorsionSISMA SLD Y	0.	0.
29	29	21	~TorsionSISMA SLD Y	0.	0.
29	29	17	~TorsionSISMA SLD Y	0.	0.
29	29	134	~TorsionSISMA SLO X	0.	0.
29	29	140	~TorsionSISMA SLO X	0.	0.
29	29	21	~TorsionSISMA SLO X	0.	0.
29	29	17	~TorsionSISMA SLO X	0.	0.
29	29	134	~TorsionSISMA SLO Y	0.	0.
29	29	140	~TorsionSISMA SLO Y	0.	0.
29	29	21	~TorsionSISMA SLO Y	0.	0.
29	29	17	~TorsionSISMA SLO Y	0.	0.
30	30	17	G1_K	0.2	2.2
30	30	21	G1_K	0.2	2.2
30	30	141	G1_K	0.2	2.2
30	30	135	G1_K	0.2	2.2
30	30	17	G2_K	2.130E-02	-0.32
30	30	21	G2_K	2.130E-02	-0.32
30	30	141	G2_K	2.130E-02	-0.32
30	30	135	G2_K	2.130E-02	-0.32
30	30	17	Q_K	0.18	1.31
30	30	21	Q_K	0.18	1.31
30	30	141	Q_K	0.18	1.31
30	30	135	Q_K	0.18	1.31
30	30	17	N_K	2.124E-02	0.16
30	30	21	N_K	2.124E-02	0.16
30	30	141	N_K	2.124E-02	0.16
30	30	135	N_K	2.124E-02	0.16
30	30	17	T+_K	0.	0.
30	30	21	T+_K	0.	0.
30	30	141	T+_K	0.	0.
30	30	135	T+_K	0.	0.
30	30	17	T-_K	0.	0.
30	30	21	T-_K	0.	0.
30	30	141	T-_K	0.	0.
30	30	135	T-_K	0.	0.
30	30	17	G1_D	0.26	2.86
30	30	21	G1_D	0.26	2.86
30	30	141	G1_D	0.26	2.86
30	30	135	G1_D	0.26	2.86
30	30	17	G2_D	2.769E-02	-0.42
30	30	21	G2_D	2.769E-02	-0.42
30	30	141	G2_D	2.769E-02	-0.42

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
30	30	135	G2_D	2.769E-02	-0.42
30	30	17	Q_D	0.27	1.96
30	30	21	Q_D	0.27	1.96
30	30	141	Q_D	0.27	1.96
30	30	135	Q_D	0.27	1.96
30	30	17	N_D	3.185E-02	0.24
30	30	21	N_D	3.185E-02	0.24
30	30	141	N_D	3.185E-02	0.24
30	30	135	N_D	3.185E-02	0.24
30	30	17	T+_D	0.	0.
30	30	21	T+_D	0.	0.
30	30	141	T+_D	0.	0.
30	30	135	T+_D	0.	0.
30	30	17	T-_D	0.	0.
30	30	21	T-_D	0.	0.
30	30	141	T-_D	0.	0.
30	30	135	T-_D	0.	0.
30	30	17	W+_K	0.	0.
30	30	21	W+_K	0.	0.
30	30	141	W+_K	0.	0.
30	30	135	W+_K	0.	0.
30	30	17	W-_K	0.	0.
30	30	21	W-_K	0.	0.
30	30	141	W-_K	0.	0.
30	30	135	W-_K	0.	0.
30	30	17	W+_D	0.	0.
30	30	21	W+_D	0.	0.
30	30	141	W+_D	0.	0.
30	30	135	W+_D	0.	0.
30	30	17	W-_D	0.	0.
30	30	21	W-_D	0.	0.
30	30	141	W-_D	0.	0.
30	30	135	W-_D	0.	0.
30	30	17	SISMA SLV X	0.32	1.72
30	30	21	SISMA SLV X	0.32	1.72
30	30	141	SISMA SLV X	0.32	1.72
30	30	135	SISMA SLV X	0.32	1.72
30	30	17	SISMA SLV Y	0.42	3.8
30	30	21	SISMA SLV Y	0.42	3.8
30	30	141	SISMA SLV Y	0.42	3.8
30	30	135	SISMA SLV Y	0.42	3.8
30	30	17	SISMA SLD X	0.16	0.84
30	30	21	SISMA SLD X	0.16	0.84
30	30	141	SISMA SLD X	0.16	0.84
30	30	135	SISMA SLD X	0.16	0.84
30	30	17	SISMA SLD Y	0.2	1.86
30	30	21	SISMA SLD Y	0.2	1.86
30	30	141	SISMA SLD Y	0.2	1.86
30	30	135	SISMA SLD Y	0.2	1.86
30	30	17	SISMA SLO X	0.13	0.7
30	30	21	SISMA SLO X	0.13	0.7
30	30	141	SISMA SLO X	0.13	0.7
30	30	135	SISMA SLO X	0.13	0.7
30	30	17	SISMA SLO Y	0.17	1.54

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
30	30	21	SISMA SLO Y	0.17	1.54
30	30	141	SISMA SLO Y	0.17	1.54
30	30	135	SISMA SLO Y	0.17	1.54
30	30	17	SLT	0.	0.
30	30	21	SLT	0.	0.
30	30	141	SLT	0.	0.
30	30	135	SLT	0.	0.
30	30	17	~TorsionSISMA SLV X	0.	0.
30	30	21	~TorsionSISMA SLV X	0.	0.
30	30	141	~TorsionSISMA SLV X	0.	0.
30	30	135	~TorsionSISMA SLV X	0.	0.
30	30	17	~TorsionSISMA SLV Y	0.	0.
30	30	21	~TorsionSISMA SLV Y	0.	0.
30	30	141	~TorsionSISMA SLV Y	0.	0.
30	30	135	~TorsionSISMA SLV Y	0.	0.
30	30	17	~TorsionSISMA SLD X	0.	0.
30	30	21	~TorsionSISMA SLD X	0.	0.
30	30	141	~TorsionSISMA SLD X	0.	0.
30	30	135	~TorsionSISMA SLD X	0.	0.
30	30	17	~TorsionSISMA SLD Y	0.	0.
30	30	21	~TorsionSISMA SLD Y	0.	0.
30	30	141	~TorsionSISMA SLD Y	0.	0.
30	30	135	~TorsionSISMA SLD Y	0.	0.
30	30	17	~TorsionSISMA SLO X	0.	0.
30	30	21	~TorsionSISMA SLO X	0.	0.
30	30	141	~TorsionSISMA SLO X	0.	0.
30	30	135	~TorsionSISMA SLO X	0.	0.
30	30	17	~TorsionSISMA SLO Y	0.	0.
30	30	21	~TorsionSISMA SLO Y	0.	0.
30	30	141	~TorsionSISMA SLO Y	0.	0.
30	30	135	~TorsionSISMA SLO Y	0.	0.
31	31	135	G1_K	0.54	2.48
31	31	141	G1_K	0.54	2.48
31	31	22	G1_K	0.54	2.48
31	31	19	G1_K	0.54	2.48

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
31	31	135	G2_K	4.872E-02	-0.34
31	31	141	G2_K	4.872E-02	-0.34
31	31	22	G2_K	4.872E-02	-0.34
31	31	19	G2_K	4.872E-02	-0.34
31	31	135	Q_K	0.39	1.54
31	31	141	Q_K	0.39	1.54
31	31	22	Q_K	0.39	1.54
31	31	19	Q_K	0.39	1.54
31	31	135	N_K	4.706E-02	0.18
31	31	141	N_K	4.706E-02	0.18
31	31	22	N_K	4.706E-02	0.18
31	31	19	N_K	4.706E-02	0.18
31	31	135	T+_K	0.	0.
31	31	141	T+_K	0.	0.
31	31	22	T+_K	0.	0.
31	31	19	T+_K	0.	0.
31	31	135	T-_K	0.	0.
31	31	141	T-_K	0.	0.
31	31	22	T-_K	0.	0.
31	31	19	T-_K	0.	0.
31	31	135	G1_D	0.71	3.22
31	31	141	G1_D	0.71	3.22
31	31	22	G1_D	0.71	3.22
31	31	19	G1_D	0.71	3.22
31	31	135	G2_D	6.334E-02	-0.44
31	31	141	G2_D	6.334E-02	-0.44
31	31	22	G2_D	6.334E-02	-0.44
31	31	19	G2_D	6.334E-02	-0.44
31	31	135	Q_D	0.59	2.3
31	31	141	Q_D	0.59	2.3
31	31	22	Q_D	0.59	2.3
31	31	19	Q_D	0.59	2.3
31	31	135	N_D	7.059E-02	0.28
31	31	141	N_D	7.059E-02	0.28
31	31	22	N_D	7.059E-02	0.28
31	31	19	N_D	7.059E-02	0.28
31	31	135	T+_D	0.	0.
31	31	141	T+_D	0.	0.
31	31	22	T+_D	0.	0.
31	31	19	T+_D	0.	0.
31	31	135	T-_D	0.	0.
31	31	141	T-_D	0.	0.
31	31	22	T-_D	0.	0.
31	31	19	T-_D	0.	0.
31	31	135	W+_K	0.	0.
31	31	141	W+_K	0.	0.
31	31	22	W+_K	0.	0.
31	31	19	W+_K	0.	0.
31	31	135	W-_K	0.	0.
31	31	141	W-_K	0.	0.
31	31	22	W-_K	0.	0.
31	31	19	W-_K	0.	0.
31	31	135	W+_D	0.	0.
31	31	141	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
31	31	22	W+_D	0.	0.
31	31	19	W+_D	0.	0.
31	31	135	W-_D	0.	0.
31	31	141	W-_D	0.	0.
31	31	22	W-_D	0.	0.
31	31	19	W-_D	0.	0.
31	31	135	SISMA SLV X	0.57	1.21
31	31	141	SISMA SLV X	0.57	1.21
31	31	22	SISMA SLV X	0.57	1.21
31	31	19	SISMA SLV X	0.57	1.21
31	31	135	SISMA SLV Y	0.73	2.6
31	31	141	SISMA SLV Y	0.73	2.6
31	31	22	SISMA SLV Y	0.73	2.6
31	31	19	SISMA SLV Y	0.73	2.6
31	31	135	SISMA SLD X	0.28	0.59
31	31	141	SISMA SLD X	0.28	0.59
31	31	22	SISMA SLD X	0.28	0.59
31	31	19	SISMA SLD X	0.28	0.59
31	31	135	SISMA SLD Y	0.36	1.27
31	31	141	SISMA SLD Y	0.36	1.27
31	31	22	SISMA SLD Y	0.36	1.27
31	31	19	SISMA SLD Y	0.36	1.27
31	31	135	SISMA SLO X	0.23	0.49
31	31	141	SISMA SLO X	0.23	0.49
31	31	22	SISMA SLO X	0.23	0.49
31	31	19	SISMA SLO X	0.23	0.49
31	31	135	SISMA SLO Y	0.3	1.05
31	31	141	SISMA SLO Y	0.3	1.05
31	31	22	SISMA SLO Y	0.3	1.05
31	31	19	SISMA SLO Y	0.3	1.05
31	31	135	SLT	0.	0.
31	31	141	SLT	0.	0.
31	31	22	SLT	0.	0.
31	31	19	SLT	0.	0.
31	31	135	~TorsionSISMA SLV X	0.	0.
31	31	141	~TorsionSISMA SLV X	0.	0.
31	31	22	~TorsionSISMA SLV X	0.	0.
31	31	19	~TorsionSISMA SLV X	0.	0.
31	31	135	~TorsionSISMA SLV Y	0.	0.
31	31	141	~TorsionSISMA SLV Y	0.	0.
31	31	22	~TorsionSISMA SLV Y	0.	0.
31	31	19	~TorsionSISMA SLV Y	0.	0.
31	31	135	~TorsionSISMA SLD X	0.	0.
31	31	141	~TorsionSISMA SLD X	0.	0.
31	31	22	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
31	31	19	~TorsionSISMA SLD X	0.	0.
31	31	135	~TorsionSISMA SLD Y	0.	0.
31	31	141	~TorsionSISMA SLD Y	0.	0.
31	31	22	~TorsionSISMA SLD Y	0.	0.
31	31	19	~TorsionSISMA SLD Y	0.	0.
31	31	135	~TorsionSISMA SLO X	0.	0.
31	31	141	~TorsionSISMA SLO X	0.	0.
31	31	22	~TorsionSISMA SLO X	0.	0.
31	31	19	~TorsionSISMA SLO X	0.	0.
31	31	135	~TorsionSISMA SLO Y	0.	0.
31	31	141	~TorsionSISMA SLO Y	0.	0.
31	31	22	~TorsionSISMA SLO Y	0.	0.
31	31	19	~TorsionSISMA SLO Y	0.	0.
32	32	19	G1_K	0.66	2.82
32	32	22	G1_K	0.66	2.82
32	32	142	G1_K	0.66	2.82
32	32	137	G1_K	0.66	2.82
32	32	19	G2_K	0.23	-0.28
32	32	22	G2_K	0.23	-0.28
32	32	142	G2_K	0.23	-0.28
32	32	137	G2_K	0.23	-0.28
32	32	19	Q_K	0.45	1.79
32	32	22	Q_K	0.45	1.79
32	32	142	Q_K	0.45	1.79
32	32	137	Q_K	0.45	1.79
32	32	19	N_K	5.448E-02	0.21
32	32	22	N_K	5.448E-02	0.21
32	32	142	N_K	5.448E-02	0.21
32	32	137	N_K	5.448E-02	0.21
32	32	19	T+_K	0.	0.
32	32	22	T+_K	0.	0.
32	32	142	T+_K	0.	0.
32	32	137	T+_K	0.	0.
32	32	19	T-_K	0.	0.
32	32	22	T-_K	0.	0.
32	32	142	T-_K	0.	0.
32	32	137	T-_K	0.	0.
32	32	19	G1_D	0.86	3.67
32	32	22	G1_D	0.86	3.67
32	32	142	G1_D	0.86	3.67
32	32	137	G1_D	0.86	3.67
32	32	19	G2_D	0.31	-0.36
32	32	22	G2_D	0.31	-0.36
32	32	142	G2_D	0.31	-0.36

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
32	32	137	G2_D	0.31	-0.36
32	32	19	Q_D	0.68	2.68
32	32	22	Q_D	0.68	2.68
32	32	142	Q_D	0.68	2.68
32	32	137	Q_D	0.68	2.68
32	32	19	N_D	8.171E-02	0.32
32	32	22	N_D	8.171E-02	0.32
32	32	142	N_D	8.171E-02	0.32
32	32	137	N_D	8.171E-02	0.32
32	32	19	T+_D	0.	0.
32	32	22	T+_D	0.	0.
32	32	142	T+_D	0.	0.
32	32	137	T+_D	0.	0.
32	32	19	T-_D	0.	0.
32	32	22	T-_D	0.	0.
32	32	142	T-_D	0.	0.
32	32	137	T-_D	0.	0.
32	32	19	W+_K	0.	0.
32	32	22	W+_K	0.	0.
32	32	142	W+_K	0.	0.
32	32	137	W+_K	0.	0.
32	32	19	W-_K	0.	0.
32	32	22	W-_K	0.	0.
32	32	142	W-_K	0.	0.
32	32	137	W-_K	0.	0.
32	32	19	W+_D	0.	0.
32	32	22	W+_D	0.	0.
32	32	142	W+_D	0.	0.
32	32	137	W+_D	0.	0.
32	32	19	W-_D	0.	0.
32	32	22	W-_D	0.	0.
32	32	142	W-_D	0.	0.
32	32	137	W-_D	0.	0.
32	32	19	SISMA SLV X	0.64	0.48
32	32	22	SISMA SLV X	0.64	0.48
32	32	142	SISMA SLV X	0.64	0.48
32	32	137	SISMA SLV X	0.64	0.48
32	32	19	SISMA SLV Y	0.74	0.94
32	32	22	SISMA SLV Y	0.74	0.94
32	32	142	SISMA SLV Y	0.74	0.94
32	32	137	SISMA SLV Y	0.74	0.94
32	32	19	SISMA SLD X	0.31	0.24
32	32	22	SISMA SLD X	0.31	0.24
32	32	142	SISMA SLD X	0.31	0.24
32	32	137	SISMA SLD X	0.31	0.24
32	32	19	SISMA SLD Y	0.36	0.46
32	32	22	SISMA SLD Y	0.36	0.46
32	32	142	SISMA SLD Y	0.36	0.46
32	32	137	SISMA SLD Y	0.36	0.46
32	32	19	SISMA SLO X	0.26	0.2
32	32	22	SISMA SLO X	0.26	0.2
32	32	142	SISMA SLO X	0.26	0.2
32	32	137	SISMA SLO X	0.26	0.2
32	32	19	SISMA SLO Y	0.3	0.38

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
32	32	22	SISMA SLO Y	0.3	0.38
32	32	142	SISMA SLO Y	0.3	0.38
32	32	137	SISMA SLO Y	0.3	0.38
32	32	19	SLT	0.	0.
32	32	22	SLT	0.	0.
32	32	142	SLT	0.	0.
32	32	137	SLT	0.	0.
32	32	19	~TorsionSISMA SLV X	0.	0.
32	32	22	~TorsionSISMA SLV X	0.	0.
32	32	142	~TorsionSISMA SLV X	0.	0.
32	32	137	~TorsionSISMA SLV X	0.	0.
32	32	19	~TorsionSISMA SLV Y	0.	0.
32	32	22	~TorsionSISMA SLV Y	0.	0.
32	32	142	~TorsionSISMA SLV Y	0.	0.
32	32	137	~TorsionSISMA SLV Y	0.	0.
32	32	19	~TorsionSISMA SLD X	0.	0.
32	32	22	~TorsionSISMA SLD X	0.	0.
32	32	142	~TorsionSISMA SLD X	0.	0.
32	32	137	~TorsionSISMA SLD X	0.	0.
32	32	19	~TorsionSISMA SLD Y	0.	0.
32	32	22	~TorsionSISMA SLD Y	0.	0.
32	32	142	~TorsionSISMA SLD Y	0.	0.
32	32	137	~TorsionSISMA SLD Y	0.	0.
32	32	19	~TorsionSISMA SLO X	0.	0.
32	32	22	~TorsionSISMA SLO X	0.	0.
32	32	142	~TorsionSISMA SLO X	0.	0.
32	32	137	~TorsionSISMA SLO X	0.	0.
32	32	19	~TorsionSISMA SLO Y	0.	0.
32	32	22	~TorsionSISMA SLO Y	0.	0.
32	32	142	~TorsionSISMA SLO Y	0.	0.
32	32	137	~TorsionSISMA SLO Y	0.	0.
33	33	140	G1_K	-0.13	2.65
33	33	107	G1_K	-0.13	2.65
33	33	23	G1_K	-0.13	2.65
33	33	21	G1_K	-0.13	2.65

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
33	33	140	G2_K	-3.476E-02	-0.24
33	33	107	G2_K	-3.476E-02	-0.24
33	33	23	G2_K	-3.476E-02	-0.24
33	33	21	G2_K	-3.476E-02	-0.24
33	33	140	Q_K	-7.837E-02	1.61
33	33	107	Q_K	-7.837E-02	1.61
33	33	23	Q_K	-7.837E-02	1.61
33	33	21	Q_K	-7.837E-02	1.61
33	33	140	N_K	-9.404E-03	0.19
33	33	107	N_K	-9.404E-03	0.19
33	33	23	N_K	-9.404E-03	0.19
33	33	21	N_K	-9.404E-03	0.19
33	33	140	T+_K	0.	0.
33	33	107	T+_K	0.	0.
33	33	23	T+_K	0.	0.
33	33	21	T+_K	0.	0.
33	33	140	T-_K	0.	0.
33	33	107	T-_K	0.	0.
33	33	23	T-_K	0.	0.
33	33	21	T-_K	0.	0.
33	33	140	G1_D	-0.16	3.44
33	33	107	G1_D	-0.16	3.44
33	33	23	G1_D	-0.16	3.44
33	33	21	G1_D	-0.16	3.44
33	33	140	G2_D	-4.519E-02	-0.31
33	33	107	G2_D	-4.519E-02	-0.31
33	33	23	G2_D	-4.519E-02	-0.31
33	33	21	G2_D	-4.519E-02	-0.31
33	33	140	Q_D	-0.12	2.42
33	33	107	Q_D	-0.12	2.42
33	33	23	Q_D	-0.12	2.42
33	33	21	Q_D	-0.12	2.42
33	33	140	N_D	-1.411E-02	0.29
33	33	107	N_D	-1.411E-02	0.29
33	33	23	N_D	-1.411E-02	0.29
33	33	21	N_D	-1.411E-02	0.29
33	33	140	T+_D	0.	0.
33	33	107	T+_D	0.	0.
33	33	23	T+_D	0.	0.
33	33	21	T+_D	0.	0.
33	33	140	T-_D	0.	0.
33	33	107	T-_D	0.	0.
33	33	23	T-_D	0.	0.
33	33	21	T-_D	0.	0.
33	33	140	W+_K	0.	0.
33	33	107	W+_K	0.	0.
33	33	23	W+_K	0.	0.
33	33	21	W+_K	0.	0.
33	33	140	W-_K	0.	0.
33	33	107	W-_K	0.	0.
33	33	23	W-_K	0.	0.
33	33	21	W-_K	0.	0.
33	33	140	W+_D	0.	0.
33	33	107	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
33	33	23	W+_D	0.	0.
33	33	21	W+_D	0.	0.
33	33	140	W-_D	0.	0.
33	33	107	W-_D	0.	0.
33	33	23	W-_D	0.	0.
33	33	21	W-_D	0.	0.
33	33	140	SISMA SLV X	4.382E-02	2.36
33	33	107	SISMA SLV X	4.382E-02	2.36
33	33	23	SISMA SLV X	4.382E-02	2.36
33	33	21	SISMA SLV X	4.382E-02	2.36
33	33	140	SISMA SLV Y	6.581E-02	4.96
33	33	107	SISMA SLV Y	6.581E-02	4.96
33	33	23	SISMA SLV Y	6.581E-02	4.96
33	33	21	SISMA SLV Y	6.581E-02	4.96
33	33	140	SISMA SLD X	2.140E-02	1.15
33	33	107	SISMA SLD X	2.140E-02	1.15
33	33	23	SISMA SLD X	2.140E-02	1.15
33	33	21	SISMA SLD X	2.140E-02	1.15
33	33	140	SISMA SLD Y	3.214E-02	2.42
33	33	107	SISMA SLD Y	3.214E-02	2.42
33	33	23	SISMA SLD Y	3.214E-02	2.42
33	33	21	SISMA SLD Y	3.214E-02	2.42
33	33	140	SISMA SLO X	1.772E-02	0.95
33	33	107	SISMA SLO X	1.772E-02	0.95
33	33	23	SISMA SLO X	1.772E-02	0.95
33	33	21	SISMA SLO X	1.772E-02	0.95
33	33	140	SISMA SLO Y	2.660E-02	2.
33	33	107	SISMA SLO Y	2.660E-02	2.
33	33	23	SISMA SLO Y	2.660E-02	2.
33	33	21	SISMA SLO Y	2.660E-02	2.
33	33	140	SLT	0.	0.
33	33	107	SLT	0.	0.
33	33	23	SLT	0.	0.
33	33	21	SLT	0.	0.
33	33	140	~TorsionSISMA SLV X	0.	0.
33	33	107	~TorsionSISMA SLV X	0.	0.
33	33	23	~TorsionSISMA SLV X	0.	0.
33	33	21	~TorsionSISMA SLV X	0.	0.
33	33	140	~TorsionSISMA SLV Y	0.	0.
33	33	107	~TorsionSISMA SLV Y	0.	0.
33	33	23	~TorsionSISMA SLV Y	0.	0.
33	33	21	~TorsionSISMA SLV Y	0.	0.
33	33	140	~TorsionSISMA SLD X	0.	0.
33	33	107	~TorsionSISMA SLD X	0.	0.
33	33	23	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
33	33	21	~TorsionSISMA SLD X	0.	0.
33	33	140	~TorsionSISMA SLD Y	0.	0.
33	33	107	~TorsionSISMA SLD Y	0.	0.
33	33	23	~TorsionSISMA SLD Y	0.	0.
33	33	21	~TorsionSISMA SLD Y	0.	0.
33	33	140	~TorsionSISMA SLO X	0.	0.
33	33	107	~TorsionSISMA SLO X	0.	0.
33	33	23	~TorsionSISMA SLO X	0.	0.
33	33	21	~TorsionSISMA SLO X	0.	0.
33	33	140	~TorsionSISMA SLO Y	0.	0.
33	33	107	~TorsionSISMA SLO Y	0.	0.
33	33	23	~TorsionSISMA SLO Y	0.	0.
33	33	21	~TorsionSISMA SLO Y	0.	0.
34	34	21	G1_K	6.003E-02	2.66
34	34	23	G1_K	6.003E-02	2.66
34	34	144	G1_K	6.003E-02	2.66
34	34	141	G1_K	6.003E-02	2.66
34	34	21	G2_K	-6.894E-03	-0.25
34	34	23	G2_K	-6.894E-03	-0.25
34	34	144	G2_K	-6.894E-03	-0.25
34	34	141	G2_K	-6.894E-03	-0.25
34	34	21	Q_K	4.306E-02	1.63
34	34	23	Q_K	4.306E-02	1.63
34	34	144	Q_K	4.306E-02	1.63
34	34	141	Q_K	4.306E-02	1.63
34	34	21	N_K	5.167E-03	0.2
34	34	23	N_K	5.167E-03	0.2
34	34	144	N_K	5.167E-03	0.2
34	34	141	N_K	5.167E-03	0.2
34	34	21	T+_K	0.	0.
34	34	23	T+_K	0.	0.
34	34	144	T+_K	0.	0.
34	34	141	T+_K	0.	0.
34	34	21	T-_K	0.	0.
34	34	23	T-_K	0.	0.
34	34	144	T-_K	0.	0.
34	34	141	T-_K	0.	0.
34	34	21	G1_D	7.803E-02	3.46
34	34	23	G1_D	7.803E-02	3.46
34	34	144	G1_D	7.803E-02	3.46
34	34	141	G1_D	7.803E-02	3.46
34	34	21	G2_D	-8.962E-03	-0.33
34	34	23	G2_D	-8.962E-03	-0.33
34	34	144	G2_D	-8.962E-03	-0.33

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
34	34	141	G2_D	-8.962E-03	-0.33
34	34	21	Q_D	6.459E-02	2.45
34	34	23	Q_D	6.459E-02	2.45
34	34	144	Q_D	6.459E-02	2.45
34	34	141	Q_D	6.459E-02	2.45
34	34	21	N_D	7.751E-03	0.29
34	34	23	N_D	7.751E-03	0.29
34	34	144	N_D	7.751E-03	0.29
34	34	141	N_D	7.751E-03	0.29
34	34	21	T+_D	0.	0.
34	34	23	T+_D	0.	0.
34	34	144	T+_D	0.	0.
34	34	141	T+_D	0.	0.
34	34	21	T-_D	0.	0.
34	34	23	T-_D	0.	0.
34	34	144	T-_D	0.	0.
34	34	141	T-_D	0.	0.
34	34	21	W+_K	0.	0.
34	34	23	W+_K	0.	0.
34	34	144	W+_K	0.	0.
34	34	141	W+_K	0.	0.
34	34	21	W-_K	0.	0.
34	34	23	W-_K	0.	0.
34	34	144	W-_K	0.	0.
34	34	141	W-_K	0.	0.
34	34	21	W+_D	0.	0.
34	34	23	W+_D	0.	0.
34	34	144	W+_D	0.	0.
34	34	141	W+_D	0.	0.
34	34	21	W-_D	0.	0.
34	34	23	W-_D	0.	0.
34	34	144	W-_D	0.	0.
34	34	141	W-_D	0.	0.
34	34	21	SISMA SLV X	0.16	2.05
34	34	23	SISMA SLV X	0.16	2.05
34	34	144	SISMA SLV X	0.16	2.05
34	34	141	SISMA SLV X	0.16	2.05
34	34	21	SISMA SLV Y	0.22	4.25
34	34	23	SISMA SLV Y	0.22	4.25
34	34	144	SISMA SLV Y	0.22	4.25
34	34	141	SISMA SLV Y	0.22	4.25
34	34	21	SISMA SLD X	7.903E-02	1.
34	34	23	SISMA SLD X	7.903E-02	1.
34	34	144	SISMA SLD X	7.903E-02	1.
34	34	141	SISMA SLD X	7.903E-02	1.
34	34	21	SISMA SLD Y	0.11	2.08
34	34	23	SISMA SLD Y	0.11	2.08
34	34	144	SISMA SLD Y	0.11	2.08
34	34	141	SISMA SLD Y	0.11	2.08
34	34	21	SISMA SLO X	6.539E-02	0.83
34	34	23	SISMA SLO X	6.539E-02	0.83
34	34	144	SISMA SLO X	6.539E-02	0.83
34	34	141	SISMA SLO X	6.539E-02	0.83
34	34	21	SISMA SLO Y	8.823E-02	1.72

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
34	34	23	SISMA SLO Y	8.823E-02	1.72
34	34	144	SISMA SLO Y	8.823E-02	1.72
34	34	141	SISMA SLO Y	8.823E-02	1.72
34	34	21	SLT	0.	0.
34	34	23	SLT	0.	0.
34	34	144	SLT	0.	0.
34	34	141	SLT	0.	0.
34	34	21	~TorsionSISMA SLV X	0.	0.
34	34	23	~TorsionSISMA SLV X	0.	0.
34	34	144	~TorsionSISMA SLV X	0.	0.
34	34	141	~TorsionSISMA SLV X	0.	0.
34	34	21	~TorsionSISMA SLV Y	0.	0.
34	34	23	~TorsionSISMA SLV Y	0.	0.
34	34	144	~TorsionSISMA SLV Y	0.	0.
34	34	141	~TorsionSISMA SLV Y	0.	0.
34	34	21	~TorsionSISMA SLD X	0.	0.
34	34	23	~TorsionSISMA SLD X	0.	0.
34	34	144	~TorsionSISMA SLD X	0.	0.
34	34	141	~TorsionSISMA SLD X	0.	0.
34	34	21	~TorsionSISMA SLD Y	0.	0.
34	34	23	~TorsionSISMA SLD Y	0.	0.
34	34	144	~TorsionSISMA SLD Y	0.	0.
34	34	141	~TorsionSISMA SLD Y	0.	0.
34	34	21	~TorsionSISMA SLO X	0.	0.
34	34	23	~TorsionSISMA SLO X	0.	0.
34	34	144	~TorsionSISMA SLO X	0.	0.
34	34	141	~TorsionSISMA SLO X	0.	0.
34	34	21	~TorsionSISMA SLO Y	0.	0.
34	34	23	~TorsionSISMA SLO Y	0.	0.
34	34	144	~TorsionSISMA SLO Y	0.	0.
34	34	141	~TorsionSISMA SLO Y	0.	0.
35	35	141	G1_K	0.19	2.76
35	35	144	G1_K	0.19	2.76
35	35	24	G1_K	0.19	2.76
35	35	22	G1_K	0.19	2.76

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
35	35	141	G2_K	1.697E-03	-0.23
35	35	144	G2_K	1.697E-03	-0.23
35	35	24	G2_K	1.697E-03	-0.23
35	35	22	G2_K	1.697E-03	-0.23
35	35	141	Q_K	0.13	1.71
35	35	144	Q_K	0.13	1.71
35	35	24	Q_K	0.13	1.71
35	35	22	Q_K	0.13	1.71
35	35	141	N_K	1.607E-02	0.21
35	35	144	N_K	1.607E-02	0.21
35	35	24	N_K	1.607E-02	0.21
35	35	22	N_K	1.607E-02	0.21
35	35	141	T+_K	0.	0.
35	35	144	T+_K	0.	0.
35	35	24	T+_K	0.	0.
35	35	22	T+_K	0.	0.
35	35	141	T-_K	0.	0.
35	35	144	T-_K	0.	0.
35	35	24	T-_K	0.	0.
35	35	22	T-_K	0.	0.
35	35	141	G1_D	0.25	3.59
35	35	144	G1_D	0.25	3.59
35	35	24	G1_D	0.25	3.59
35	35	22	G1_D	0.25	3.59
35	35	141	G2_D	2.206E-03	-0.3
35	35	144	G2_D	2.206E-03	-0.3
35	35	24	G2_D	2.206E-03	-0.3
35	35	22	G2_D	2.206E-03	-0.3
35	35	141	Q_D	0.2	2.57
35	35	144	Q_D	0.2	2.57
35	35	24	Q_D	0.2	2.57
35	35	22	Q_D	0.2	2.57
35	35	141	N_D	2.411E-02	0.31
35	35	144	N_D	2.411E-02	0.31
35	35	24	N_D	2.411E-02	0.31
35	35	22	N_D	2.411E-02	0.31
35	35	141	T+_D	0.	0.
35	35	144	T+_D	0.	0.
35	35	24	T+_D	0.	0.
35	35	22	T+_D	0.	0.
35	35	141	T-_D	0.	0.
35	35	144	T-_D	0.	0.
35	35	24	T-_D	0.	0.
35	35	22	T-_D	0.	0.
35	35	141	W+_K	0.	0.
35	35	144	W+_K	0.	0.
35	35	24	W+_K	0.	0.
35	35	22	W+_K	0.	0.
35	35	141	W-_K	0.	0.
35	35	144	W-_K	0.	0.
35	35	24	W-_K	0.	0.
35	35	22	W-_K	0.	0.
35	35	141	W+_D	0.	0.
35	35	144	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
35	35	24	W+_D	0.	0.
35	35	22	W+_D	0.	0.
35	35	141	W-_D	0.	0.
35	35	144	W-_D	0.	0.
35	35	24	W-_D	0.	0.
35	35	22	W-_D	0.	0.
35	35	141	SISMA SLV X	0.27	1.32
35	35	144	SISMA SLV X	0.27	1.32
35	35	24	SISMA SLV X	0.27	1.32
35	35	22	SISMA SLV X	0.27	1.32
35	35	141	SISMA SLV Y	0.35	2.66
35	35	144	SISMA SLV Y	0.35	2.66
35	35	24	SISMA SLV Y	0.35	2.66
35	35	22	SISMA SLV Y	0.35	2.66
35	35	141	SISMA SLD X	0.13	0.65
35	35	144	SISMA SLD X	0.13	0.65
35	35	24	SISMA SLD X	0.13	0.65
35	35	22	SISMA SLD X	0.13	0.65
35	35	141	SISMA SLD Y	0.17	1.3
35	35	144	SISMA SLD Y	0.17	1.3
35	35	24	SISMA SLD Y	0.17	1.3
35	35	22	SISMA SLD Y	0.17	1.3
35	35	141	SISMA SLO X	0.11	0.54
35	35	144	SISMA SLO X	0.11	0.54
35	35	24	SISMA SLO X	0.11	0.54
35	35	22	SISMA SLO X	0.11	0.54
35	35	141	SISMA SLO Y	0.14	1.08
35	35	144	SISMA SLO Y	0.14	1.08
35	35	24	SISMA SLO Y	0.14	1.08
35	35	22	SISMA SLO Y	0.14	1.08
35	35	141	SLT	0.	0.
35	35	144	SLT	0.	0.
35	35	24	SLT	0.	0.
35	35	22	SLT	0.	0.
35	35	141	~TorsionSISMA SLV X	0.	0.
35	35	144	~TorsionSISMA SLV X	0.	0.
35	35	24	~TorsionSISMA SLV X	0.	0.
35	35	22	~TorsionSISMA SLV X	0.	0.
35	35	141	~TorsionSISMA SLV Y	0.	0.
35	35	144	~TorsionSISMA SLV Y	0.	0.
35	35	24	~TorsionSISMA SLV Y	0.	0.
35	35	22	~TorsionSISMA SLV Y	0.	0.
35	35	141	~TorsionSISMA SLD X	0.	0.
35	35	144	~TorsionSISMA SLD X	0.	0.
35	35	24	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
35	35	22	~TorsionSISMA SLD X	0.	0.
35	35	141	~TorsionSISMA SLD Y	0.	0.
35	35	144	~TorsionSISMA SLD Y	0.	0.
35	35	24	~TorsionSISMA SLD Y	0.	0.
35	35	22	~TorsionSISMA SLD Y	0.	0.
35	35	141	~TorsionSISMA SLO X	0.	0.
35	35	144	~TorsionSISMA SLO X	0.	0.
35	35	24	~TorsionSISMA SLO X	0.	0.
35	35	22	~TorsionSISMA SLO X	0.	0.
35	35	141	~TorsionSISMA SLO Y	0.	0.
35	35	144	~TorsionSISMA SLO Y	0.	0.
35	35	24	~TorsionSISMA SLO Y	0.	0.
35	35	22	~TorsionSISMA SLO Y	0.	0.
36	36	22	G1_K	0.46	3.11
36	36	24	G1_K	0.46	3.11
36	36	145	G1_K	0.46	3.11
36	36	142	G1_K	0.46	3.11
36	36	22	G2_K	-8.332E-02	-0.24
36	36	24	G2_K	-8.332E-02	-0.24
36	36	145	G2_K	-8.332E-02	-0.24
36	36	142	G2_K	-8.332E-02	-0.24
36	36	22	Q_K	0.3	1.95
36	36	24	Q_K	0.3	1.95
36	36	145	Q_K	0.3	1.95
36	36	142	Q_K	0.3	1.95
36	36	22	N_K	3.642E-02	0.23
36	36	24	N_K	3.642E-02	0.23
36	36	145	N_K	3.642E-02	0.23
36	36	142	N_K	3.642E-02	0.23
36	36	22	T+_K	0.	0.
36	36	24	T+_K	0.	0.
36	36	145	T+_K	0.	0.
36	36	142	T+_K	0.	0.
36	36	22	T-_K	0.	0.
36	36	24	T-_K	0.	0.
36	36	145	T-_K	0.	0.
36	36	142	T-_K	0.	0.
36	36	22	G1_D	0.6	4.04
36	36	24	G1_D	0.6	4.04
36	36	145	G1_D	0.6	4.04
36	36	142	G1_D	0.6	4.04
36	36	22	G2_D	-0.11	-0.31
36	36	24	G2_D	-0.11	-0.31
36	36	145	G2_D	-0.11	-0.31

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
36	36	142	G2_D	-0.11	-0.31
36	36	22	Q_D	0.46	2.92
36	36	24	Q_D	0.46	2.92
36	36	145	Q_D	0.46	2.92
36	36	142	Q_D	0.46	2.92
36	36	22	N_D	5.463E-02	0.35
36	36	24	N_D	5.463E-02	0.35
36	36	145	N_D	5.463E-02	0.35
36	36	142	N_D	5.463E-02	0.35
36	36	22	T+_D	0.	0.
36	36	24	T+_D	0.	0.
36	36	145	T+_D	0.	0.
36	36	142	T+_D	0.	0.
36	36	22	T-_D	0.	0.
36	36	24	T-_D	0.	0.
36	36	145	T-_D	0.	0.
36	36	142	T-_D	0.	0.
36	36	22	W+_K	0.	0.
36	36	24	W+_K	0.	0.
36	36	145	W+_K	0.	0.
36	36	142	W+_K	0.	0.
36	36	22	W-_K	0.	0.
36	36	24	W-_K	0.	0.
36	36	145	W-_K	0.	0.
36	36	142	W-_K	0.	0.
36	36	22	W+_D	0.	0.
36	36	24	W+_D	0.	0.
36	36	145	W+_D	0.	0.
36	36	142	W+_D	0.	0.
36	36	22	W-_D	0.	0.
36	36	24	W-_D	0.	0.
36	36	145	W-_D	0.	0.
36	36	142	W-_D	0.	0.
36	36	22	SISMA SLV X	0.3	0.39
36	36	24	SISMA SLV X	0.3	0.39
36	36	145	SISMA SLV X	0.3	0.39
36	36	142	SISMA SLV X	0.3	0.39
36	36	22	SISMA SLV Y	0.32	0.59
36	36	24	SISMA SLV Y	0.32	0.59
36	36	145	SISMA SLV Y	0.32	0.59
36	36	142	SISMA SLV Y	0.32	0.59
36	36	22	SISMA SLD X	0.15	0.19
36	36	24	SISMA SLD X	0.15	0.19
36	36	145	SISMA SLD X	0.15	0.19
36	36	142	SISMA SLD X	0.15	0.19
36	36	22	SISMA SLD Y	0.16	0.29
36	36	24	SISMA SLD Y	0.16	0.29
36	36	145	SISMA SLD Y	0.16	0.29
36	36	142	SISMA SLD Y	0.16	0.29
36	36	22	SISMA SLO X	0.12	0.16
36	36	24	SISMA SLO X	0.12	0.16
36	36	145	SISMA SLO X	0.12	0.16
36	36	142	SISMA SLO X	0.12	0.16
36	36	22	SISMA SLO Y	0.13	0.24

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
36	36	24	SISMA SLO Y	0.13	0.24
36	36	145	SISMA SLO Y	0.13	0.24
36	36	142	SISMA SLO Y	0.13	0.24
36	36	22	SLT	0.	0.
36	36	24	SLT	0.	0.
36	36	145	SLT	0.	0.
36	36	142	SLT	0.	0.
36	36	22	~TorsionSISMA SLV X	0.	0.
36	36	24	~TorsionSISMA SLV X	0.	0.
36	36	145	~TorsionSISMA SLV X	0.	0.
36	36	142	~TorsionSISMA SLV X	0.	0.
36	36	22	~TorsionSISMA SLV Y	0.	0.
36	36	24	~TorsionSISMA SLV Y	0.	0.
36	36	145	~TorsionSISMA SLV Y	0.	0.
36	36	142	~TorsionSISMA SLV Y	0.	0.
36	36	22	~TorsionSISMA SLD X	0.	0.
36	36	24	~TorsionSISMA SLD X	0.	0.
36	36	145	~TorsionSISMA SLD X	0.	0.
36	36	142	~TorsionSISMA SLD X	0.	0.
36	36	22	~TorsionSISMA SLD Y	0.	0.
36	36	24	~TorsionSISMA SLD Y	0.	0.
36	36	145	~TorsionSISMA SLD Y	0.	0.
36	36	142	~TorsionSISMA SLD Y	0.	0.
36	36	22	~TorsionSISMA SLO X	0.	0.
36	36	24	~TorsionSISMA SLO X	0.	0.
36	36	145	~TorsionSISMA SLO X	0.	0.
36	36	142	~TorsionSISMA SLO X	0.	0.
36	36	22	~TorsionSISMA SLO Y	0.	0.
36	36	24	~TorsionSISMA SLO Y	0.	0.
36	36	145	~TorsionSISMA SLO Y	0.	0.
36	36	142	~TorsionSISMA SLO Y	0.	0.
37	37	109	G1_K	0.38	1.9
37	37	101	G1_K	0.38	1.9
37	37	25	G1_K	0.38	1.9
37	37	26	G1_K	0.38	1.9

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
37	37	109	G2_K	1.6	5.91
37	37	101	G2_K	1.6	5.91
37	37	25	G2_K	1.6	5.91
37	37	26	G2_K	1.6	5.91
37	37	109	Q_K	4.796E-02	0.27
37	37	101	Q_K	4.796E-02	0.27
37	37	25	Q_K	4.796E-02	0.27
37	37	26	Q_K	4.796E-02	0.27
37	37	109	N_K	5.755E-03	3.217E-02
37	37	101	N_K	5.755E-03	3.217E-02
37	37	25	N_K	5.755E-03	3.217E-02
37	37	26	N_K	5.755E-03	3.217E-02
37	37	109	T+_K	0.	0.
37	37	101	T+_K	0.	0.
37	37	25	T+_K	0.	0.
37	37	26	T+_K	0.	0.
37	37	109	T-_K	0.	0.
37	37	101	T-_K	0.	0.
37	37	25	T-_K	0.	0.
37	37	26	T-_K	0.	0.
37	37	109	G1_D	0.49	2.47
37	37	101	G1_D	0.49	2.47
37	37	25	G1_D	0.49	2.47
37	37	26	G1_D	0.49	2.47
37	37	109	G2_D	2.08	7.69
37	37	101	G2_D	2.08	7.69
37	37	25	G2_D	2.08	7.69
37	37	26	G2_D	2.08	7.69
37	37	109	Q_D	7.194E-02	0.4
37	37	101	Q_D	7.194E-02	0.4
37	37	25	Q_D	7.194E-02	0.4
37	37	26	Q_D	7.194E-02	0.4
37	37	109	N_D	8.633E-03	4.825E-02
37	37	101	N_D	8.633E-03	4.825E-02
37	37	25	N_D	8.633E-03	4.825E-02
37	37	26	N_D	8.633E-03	4.825E-02
37	37	109	T+_D	0.	0.
37	37	101	T+_D	0.	0.
37	37	25	T+_D	0.	0.
37	37	26	T+_D	0.	0.
37	37	109	T-_D	0.	0.
37	37	101	T-_D	0.	0.
37	37	25	T-_D	0.	0.
37	37	26	T-_D	0.	0.
37	37	109	W+_K	0.	0.
37	37	101	W+_K	0.	0.
37	37	25	W+_K	0.	0.
37	37	26	W+_K	0.	0.
37	37	109	W-_K	0.	0.
37	37	101	W-_K	0.	0.
37	37	25	W-_K	0.	0.
37	37	26	W-_K	0.	0.
37	37	109	W+_D	0.	0.
37	37	101	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
37	37	25	W+_D	0.	0.
37	37	26	W+_D	0.	0.
37	37	109	W-_D	0.	0.
37	37	101	W-_D	0.	0.
37	37	25	W-_D	0.	0.
37	37	26	W-_D	0.	0.
37	37	109	SISMA SLV X	0.22	2.65
37	37	101	SISMA SLV X	0.22	2.65
37	37	25	SISMA SLV X	0.22	2.65
37	37	26	SISMA SLV X	0.22	2.65
37	37	109	SISMA SLV Y	0.37	3.98
37	37	101	SISMA SLV Y	0.37	3.98
37	37	25	SISMA SLV Y	0.37	3.98
37	37	26	SISMA SLV Y	0.37	3.98
37	37	109	SISMA SLD X	0.11	1.29
37	37	101	SISMA SLD X	0.11	1.29
37	37	25	SISMA SLD X	0.11	1.29
37	37	26	SISMA SLD X	0.11	1.29
37	37	109	SISMA SLD Y	0.18	1.94
37	37	101	SISMA SLD Y	0.18	1.94
37	37	25	SISMA SLD Y	0.18	1.94
37	37	26	SISMA SLD Y	0.18	1.94
37	37	109	SISMA SLO X	8.976E-02	1.07
37	37	101	SISMA SLO X	8.976E-02	1.07
37	37	25	SISMA SLO X	8.976E-02	1.07
37	37	26	SISMA SLO X	8.976E-02	1.07
37	37	109	SISMA SLO Y	0.15	1.61
37	37	101	SISMA SLO Y	0.15	1.61
37	37	25	SISMA SLO Y	0.15	1.61
37	37	26	SISMA SLO Y	0.15	1.61
37	37	109	SLT	0.	0.
37	37	101	SLT	0.	0.
37	37	25	SLT	0.	0.
37	37	26	SLT	0.	0.
37	37	109	~TorsionSISMA SLV X	0.	0.
37	37	101	~TorsionSISMA SLV X	0.	0.
37	37	25	~TorsionSISMA SLV X	0.	0.
37	37	26	~TorsionSISMA SLV X	0.	0.
37	37	109	~TorsionSISMA SLV Y	0.	0.
37	37	101	~TorsionSISMA SLV Y	0.	0.
37	37	25	~TorsionSISMA SLV Y	0.	0.
37	37	26	~TorsionSISMA SLV Y	0.	0.
37	37	109	~TorsionSISMA SLD X	0.	0.
37	37	101	~TorsionSISMA SLD X	0.	0.
37	37	25	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
37	37	26	~TorsionSISMA SLD X	0.	0.
37	37	109	~TorsionSISMA SLD Y	0.	0.
37	37	101	~TorsionSISMA SLD Y	0.	0.
37	37	25	~TorsionSISMA SLD Y	0.	0.
37	37	26	~TorsionSISMA SLD Y	0.	0.
37	37	109	~TorsionSISMA SLO X	0.	0.
37	37	101	~TorsionSISMA SLO X	0.	0.
37	37	25	~TorsionSISMA SLO X	0.	0.
37	37	26	~TorsionSISMA SLO X	0.	0.
37	37	109	~TorsionSISMA SLO Y	0.	0.
37	37	101	~TorsionSISMA SLO Y	0.	0.
37	37	25	~TorsionSISMA SLO Y	0.	0.
37	37	26	~TorsionSISMA SLO Y	0.	0.
38	38	26	G1_K	0.49	-0.22
38	38	25	G1_K	0.49	-0.22
38	38	146	G1_K	0.49	-0.22
38	38	147	G1_K	0.49	-0.22
38	38	26	G2_K	0.55	4.11
38	38	25	G2_K	0.55	4.11
38	38	146	G2_K	0.55	4.11
38	38	147	G2_K	0.55	4.11
38	38	26	Q_K	7.315E-02	-8.193E-02
38	38	25	Q_K	7.315E-02	-8.193E-02
38	38	146	Q_K	7.315E-02	-8.193E-02
38	38	147	Q_K	7.315E-02	-8.193E-02
38	38	26	N_K	8.778E-03	-9.832E-03
38	38	25	N_K	8.778E-03	-9.832E-03
38	38	146	N_K	8.778E-03	-9.832E-03
38	38	147	N_K	8.778E-03	-9.832E-03
38	38	26	T+_K	0.	0.
38	38	25	T+_K	0.	0.
38	38	146	T+_K	0.	0.
38	38	147	T+_K	0.	0.
38	38	26	T-_K	0.	0.
38	38	25	T-_K	0.	0.
38	38	146	T-_K	0.	0.
38	38	147	T-_K	0.	0.
38	38	26	G1_D	0.64	-0.29
38	38	25	G1_D	0.64	-0.29
38	38	146	G1_D	0.64	-0.29
38	38	147	G1_D	0.64	-0.29
38	38	26	G2_D	0.72	5.34
38	38	25	G2_D	0.72	5.34
38	38	146	G2_D	0.72	5.34

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
38	38	147	G2_D	0.72	5.34
38	38	26	Q_D	0.11	-0.12
38	38	25	Q_D	0.11	-0.12
38	38	146	Q_D	0.11	-0.12
38	38	147	Q_D	0.11	-0.12
38	38	26	N_D	1.317E-02	-1.475E-02
38	38	25	N_D	1.317E-02	-1.475E-02
38	38	146	N_D	1.317E-02	-1.475E-02
38	38	147	N_D	1.317E-02	-1.475E-02
38	38	26	T+_D	0.	0.
38	38	25	T+_D	0.	0.
38	38	146	T+_D	0.	0.
38	38	147	T+_D	0.	0.
38	38	26	T-_D	0.	0.
38	38	25	T-_D	0.	0.
38	38	146	T-_D	0.	0.
38	38	147	T-_D	0.	0.
38	38	26	W+_K	0.	0.
38	38	25	W+_K	0.	0.
38	38	146	W+_K	0.	0.
38	38	147	W+_K	0.	0.
38	38	26	W-_K	0.	0.
38	38	25	W-_K	0.	0.
38	38	146	W-_K	0.	0.
38	38	147	W-_K	0.	0.
38	38	26	W+_D	0.	0.
38	38	25	W+_D	0.	0.
38	38	146	W+_D	0.	0.
38	38	147	W+_D	0.	0.
38	38	26	W-_D	0.	0.
38	38	25	W-_D	0.	0.
38	38	146	W-_D	0.	0.
38	38	147	W-_D	0.	0.
38	38	26	SISMA SLV X	0.2	1.52
38	38	25	SISMA SLV X	0.2	1.52
38	38	146	SISMA SLV X	0.2	1.52
38	38	147	SISMA SLV X	0.2	1.52
38	38	26	SISMA SLV Y	0.45	1.7
38	38	25	SISMA SLV Y	0.45	1.7
38	38	146	SISMA SLV Y	0.45	1.7
38	38	147	SISMA SLV Y	0.45	1.7
38	38	26	SISMA SLD X	9.612E-02	0.74
38	38	25	SISMA SLD X	9.612E-02	0.74
38	38	146	SISMA SLD X	9.612E-02	0.74
38	38	147	SISMA SLD X	9.612E-02	0.74
38	38	26	SISMA SLD Y	0.22	0.83
38	38	25	SISMA SLD Y	0.22	0.83
38	38	146	SISMA SLD Y	0.22	0.83
38	38	147	SISMA SLD Y	0.22	0.83
38	38	26	SISMA SLO X	7.947E-02	0.61
38	38	25	SISMA SLO X	7.947E-02	0.61
38	38	146	SISMA SLO X	7.947E-02	0.61
38	38	147	SISMA SLO X	7.947E-02	0.61
38	38	26	SISMA SLO Y	0.18	0.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
38	38	25	SISMA SLO Y	0.18	0.69
38	38	146	SISMA SLO Y	0.18	0.69
38	38	147	SISMA SLO Y	0.18	0.69
38	38	26	SLT	0.	0.
38	38	25	SLT	0.	0.
38	38	146	SLT	0.	0.
38	38	147	SLT	0.	0.
38	38	26	~TorsionSISMA SLV X	0.	0.
38	38	25	~TorsionSISMA SLV X	0.	0.
38	38	146	~TorsionSISMA SLV X	0.	0.
38	38	147	~TorsionSISMA SLV X	0.	0.
38	38	26	~TorsionSISMA SLV Y	0.	0.
38	38	25	~TorsionSISMA SLV Y	0.	0.
38	38	146	~TorsionSISMA SLV Y	0.	0.
38	38	147	~TorsionSISMA SLV Y	0.	0.
38	38	26	~TorsionSISMA SLD X	0.	0.
38	38	25	~TorsionSISMA SLD X	0.	0.
38	38	146	~TorsionSISMA SLD X	0.	0.
38	38	147	~TorsionSISMA SLD X	0.	0.
38	38	26	~TorsionSISMA SLD Y	0.	0.
38	38	25	~TorsionSISMA SLD Y	0.	0.
38	38	146	~TorsionSISMA SLD Y	0.	0.
38	38	147	~TorsionSISMA SLD Y	0.	0.
38	38	26	~TorsionSISMA SLO X	0.	0.
38	38	25	~TorsionSISMA SLO X	0.	0.
38	38	146	~TorsionSISMA SLO X	0.	0.
38	38	147	~TorsionSISMA SLO X	0.	0.
38	38	26	~TorsionSISMA SLO Y	0.	0.
38	38	25	~TorsionSISMA SLO Y	0.	0.
38	38	146	~TorsionSISMA SLO Y	0.	0.
38	38	147	~TorsionSISMA SLO Y	0.	0.
39	39	147	G1_K	-0.34	-0.39
39	39	146	G1_K	-0.34	-0.39
39	39	27	G1_K	-0.34	-0.39
39	39	28	G1_K	-0.34	-0.39

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
39	39	147	G2_K	1.09	2.08
39	39	146	G2_K	1.09	2.08
39	39	27	G2_K	1.09	2.08
39	39	28	G2_K	1.09	2.08
39	39	147	Q_K	-0.25	-0.16
39	39	146	Q_K	-0.25	-0.16
39	39	27	Q_K	-0.25	-0.16
39	39	28	Q_K	-0.25	-0.16
39	39	147	N_K	-2.987E-02	-1.880E-02
39	39	146	N_K	-2.987E-02	-1.880E-02
39	39	27	N_K	-2.987E-02	-1.880E-02
39	39	28	N_K	-2.987E-02	-1.880E-02
39	39	147	T+_K	0.	0.
39	39	146	T+_K	0.	0.
39	39	27	T+_K	0.	0.
39	39	28	T+_K	0.	0.
39	39	147	T-_K	0.	0.
39	39	146	T-_K	0.	0.
39	39	27	T-_K	0.	0.
39	39	28	T-_K	0.	0.
39	39	147	G1_D	-0.44	-0.5
39	39	146	G1_D	-0.44	-0.5
39	39	27	G1_D	-0.44	-0.5
39	39	28	G1_D	-0.44	-0.5
39	39	147	G2_D	1.42	2.7
39	39	146	G2_D	1.42	2.7
39	39	27	G2_D	1.42	2.7
39	39	28	G2_D	1.42	2.7
39	39	147	Q_D	-0.37	-0.24
39	39	146	Q_D	-0.37	-0.24
39	39	27	Q_D	-0.37	-0.24
39	39	28	Q_D	-0.37	-0.24
39	39	147	N_D	-4.481E-02	-2.820E-02
39	39	146	N_D	-4.481E-02	-2.820E-02
39	39	27	N_D	-4.481E-02	-2.820E-02
39	39	28	N_D	-4.481E-02	-2.820E-02
39	39	147	T+_D	0.	0.
39	39	146	T+_D	0.	0.
39	39	27	T+_D	0.	0.
39	39	28	T+_D	0.	0.
39	39	147	T-_D	0.	0.
39	39	146	T-_D	0.	0.
39	39	27	T-_D	0.	0.
39	39	28	T-_D	0.	0.
39	39	147	W+_K	0.	0.
39	39	146	W+_K	0.	0.
39	39	27	W+_K	0.	0.
39	39	28	W+_K	0.	0.
39	39	147	W-_K	0.	0.
39	39	146	W-_K	0.	0.
39	39	27	W-_K	0.	0.
39	39	28	W-_K	0.	0.
39	39	147	W+_D	0.	0.
39	39	146	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
39	39	27	W+_D	0.	0.
39	39	28	W+_D	0.	0.
39	39	147	W-_D	0.	0.
39	39	146	W-_D	0.	0.
39	39	27	W-_D	0.	0.
39	39	28	W-_D	0.	0.
39	39	147	SISMA SLV X	0.28	1.39
39	39	146	SISMA SLV X	0.28	1.39
39	39	27	SISMA SLV X	0.28	1.39
39	39	28	SISMA SLV X	0.28	1.39
39	39	147	SISMA SLV Y	0.6	1.47
39	39	146	SISMA SLV Y	0.6	1.47
39	39	27	SISMA SLV Y	0.6	1.47
39	39	28	SISMA SLV Y	0.6	1.47
39	39	147	SISMA SLD X	0.13	0.68
39	39	146	SISMA SLD X	0.13	0.68
39	39	27	SISMA SLD X	0.13	0.68
39	39	28	SISMA SLD X	0.13	0.68
39	39	147	SISMA SLD Y	0.29	0.72
39	39	146	SISMA SLD Y	0.29	0.72
39	39	27	SISMA SLD Y	0.29	0.72
39	39	28	SISMA SLD Y	0.29	0.72
39	39	147	SISMA SLO X	0.11	0.56
39	39	146	SISMA SLO X	0.11	0.56
39	39	27	SISMA SLO X	0.11	0.56
39	39	28	SISMA SLO X	0.11	0.56
39	39	147	SISMA SLO Y	0.24	0.59
39	39	146	SISMA SLO Y	0.24	0.59
39	39	27	SISMA SLO Y	0.24	0.59
39	39	28	SISMA SLO Y	0.24	0.59
39	39	147	SLT	0.	0.
39	39	146	SLT	0.	0.
39	39	27	SLT	0.	0.
39	39	28	SLT	0.	0.
39	39	147	~TorsionSISMA SLV X	0.	0.
39	39	146	~TorsionSISMA SLV X	0.	0.
39	39	27	~TorsionSISMA SLV X	0.	0.
39	39	28	~TorsionSISMA SLV X	0.	0.
39	39	147	~TorsionSISMA SLV Y	0.	0.
39	39	146	~TorsionSISMA SLV Y	0.	0.
39	39	27	~TorsionSISMA SLV Y	0.	0.
39	39	28	~TorsionSISMA SLV Y	0.	0.
39	39	147	~TorsionSISMA SLD X	0.	0.
39	39	146	~TorsionSISMA SLD X	0.	0.
39	39	27	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
39	39	28	~TorsionSISMA SLD X	0.	0.
39	39	147	~TorsionSISMA SLD Y	0.	0.
39	39	146	~TorsionSISMA SLD Y	0.	0.
39	39	27	~TorsionSISMA SLD Y	0.	0.
39	39	28	~TorsionSISMA SLD Y	0.	0.
39	39	147	~TorsionSISMA SLO X	0.	0.
39	39	146	~TorsionSISMA SLO X	0.	0.
39	39	27	~TorsionSISMA SLO X	0.	0.
39	39	28	~TorsionSISMA SLO X	0.	0.
39	39	147	~TorsionSISMA SLO Y	0.	0.
39	39	146	~TorsionSISMA SLO Y	0.	0.
39	39	27	~TorsionSISMA SLO Y	0.	0.
39	39	28	~TorsionSISMA SLO Y	0.	0.
40	40	28	G1_K	-1.34	0.59
40	40	27	G1_K	-1.34	0.59
40	40	148	G1_K	-1.34	0.59
40	40	149	G1_K	-1.34	0.59
40	40	28	G2_K	1.5	-6.157E-03
40	40	27	G2_K	1.5	-6.157E-03
40	40	148	G2_K	1.5	-6.157E-03
40	40	149	G2_K	1.5	-6.157E-03
40	40	28	Q_K	-0.88	0.52
40	40	27	Q_K	-0.88	0.52
40	40	148	Q_K	-0.88	0.52
40	40	149	Q_K	-0.88	0.52
40	40	28	N_K	-0.11	6.205E-02
40	40	27	N_K	-0.11	6.205E-02
40	40	148	N_K	-0.11	6.205E-02
40	40	149	N_K	-0.11	6.205E-02
40	40	28	T+_K	0.	0.
40	40	27	T+_K	0.	0.
40	40	148	T+_K	0.	0.
40	40	149	T+_K	0.	0.
40	40	28	T-_K	0.	0.
40	40	27	T-_K	0.	0.
40	40	148	T-_K	0.	0.
40	40	149	T-_K	0.	0.
40	40	28	G1_D	-1.74	0.77
40	40	27	G1_D	-1.74	0.77
40	40	148	G1_D	-1.74	0.77
40	40	149	G1_D	-1.74	0.77
40	40	28	G2_D	1.95	-8.005E-03
40	40	27	G2_D	1.95	-8.005E-03
40	40	148	G2_D	1.95	-8.005E-03

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
40	40	149	G2_D	1.95	-8.005E-03
40	40	28	Q_D	-1.33	0.78
40	40	27	Q_D	-1.33	0.78
40	40	148	Q_D	-1.33	0.78
40	40	149	Q_D	-1.33	0.78
40	40	28	N_D	-0.16	9.307E-02
40	40	27	N_D	-0.16	9.307E-02
40	40	148	N_D	-0.16	9.307E-02
40	40	149	N_D	-0.16	9.307E-02
40	40	28	T+_D	0.	0.
40	40	27	T+_D	0.	0.
40	40	148	T+_D	0.	0.
40	40	149	T+_D	0.	0.
40	40	28	T-_D	0.	0.
40	40	27	T-_D	0.	0.
40	40	148	T-_D	0.	0.
40	40	149	T-_D	0.	0.
40	40	28	W+_K	0.	0.
40	40	27	W+_K	0.	0.
40	40	148	W+_K	0.	0.
40	40	149	W+_K	0.	0.
40	40	28	W-_K	0.	0.
40	40	27	W-_K	0.	0.
40	40	148	W-_K	0.	0.
40	40	149	W-_K	0.	0.
40	40	28	W+_D	0.	0.
40	40	27	W+_D	0.	0.
40	40	148	W+_D	0.	0.
40	40	149	W+_D	0.	0.
40	40	28	W-_D	0.	0.
40	40	27	W-_D	0.	0.
40	40	148	W-_D	0.	0.
40	40	149	W-_D	0.	0.
40	40	28	SISMA SLV X	0.47	1.3
40	40	27	SISMA SLV X	0.47	1.3
40	40	148	SISMA SLV X	0.47	1.3
40	40	149	SISMA SLV X	0.47	1.3
40	40	28	SISMA SLV Y	0.92	1.54
40	40	27	SISMA SLV Y	0.92	1.54
40	40	148	SISMA SLV Y	0.92	1.54
40	40	149	SISMA SLV Y	0.92	1.54
40	40	28	SISMA SLD X	0.23	0.64
40	40	27	SISMA SLD X	0.23	0.64
40	40	148	SISMA SLD X	0.23	0.64
40	40	149	SISMA SLD X	0.23	0.64
40	40	28	SISMA SLD Y	0.45	0.75
40	40	27	SISMA SLD Y	0.45	0.75
40	40	148	SISMA SLD Y	0.45	0.75
40	40	149	SISMA SLD Y	0.45	0.75
40	40	28	SISMA SLO X	0.19	0.53
40	40	27	SISMA SLO X	0.19	0.53
40	40	148	SISMA SLO X	0.19	0.53
40	40	149	SISMA SLO X	0.19	0.53
40	40	28	SISMA SLO Y	0.37	0.62

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
40	40	27	SISMA SLO Y	0.37	0.62
40	40	148	SISMA SLO Y	0.37	0.62
40	40	149	SISMA SLO Y	0.37	0.62
40	40	28	SLT	0.	0.
40	40	27	SLT	0.	0.
40	40	148	SLT	0.	0.
40	40	149	SLT	0.	0.
40	40	28	~TorsionSISMA SLV X	0.	0.
40	40	27	~TorsionSISMA SLV X	0.	0.
40	40	148	~TorsionSISMA SLV X	0.	0.
40	40	149	~TorsionSISMA SLV X	0.	0.
40	40	28	~TorsionSISMA SLV Y	0.	0.
40	40	27	~TorsionSISMA SLV Y	0.	0.
40	40	148	~TorsionSISMA SLV Y	0.	0.
40	40	149	~TorsionSISMA SLV Y	0.	0.
40	40	28	~TorsionSISMA SLD X	0.	0.
40	40	27	~TorsionSISMA SLD X	0.	0.
40	40	148	~TorsionSISMA SLD X	0.	0.
40	40	149	~TorsionSISMA SLD X	0.	0.
40	40	28	~TorsionSISMA SLD Y	0.	0.
40	40	27	~TorsionSISMA SLD Y	0.	0.
40	40	148	~TorsionSISMA SLD Y	0.	0.
40	40	149	~TorsionSISMA SLD Y	0.	0.
40	40	28	~TorsionSISMA SLO X	0.	0.
40	40	27	~TorsionSISMA SLO X	0.	0.
40	40	148	~TorsionSISMA SLO X	0.	0.
40	40	149	~TorsionSISMA SLO X	0.	0.
40	40	28	~TorsionSISMA SLO Y	0.	0.
40	40	27	~TorsionSISMA SLO Y	0.	0.
40	40	148	~TorsionSISMA SLO Y	0.	0.
40	40	149	~TorsionSISMA SLO Y	0.	0.
41	41	100	G1_K	-7.237E-02	1.82
41	41	161	G1_K	-7.237E-02	1.82
41	41	29	G1_K	-7.237E-02	1.82
41	41	30	G1_K	-7.237E-02	1.82

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
41	41	100	G2_K	-1.32	4.74
41	41	161	G2_K	-1.32	4.74
41	41	29	G2_K	-1.32	4.74
41	41	30	G2_K	-1.32	4.74
41	41	100	Q_K	3.041E-02	0.54
41	41	161	Q_K	3.041E-02	0.54
41	41	29	Q_K	3.041E-02	0.54
41	41	30	Q_K	3.041E-02	0.54
41	41	100	N_K	3.649E-03	6.422E-02
41	41	161	N_K	3.649E-03	6.422E-02
41	41	29	N_K	3.649E-03	6.422E-02
41	41	30	N_K	3.649E-03	6.422E-02
41	41	100	T+_K	0.	0.
41	41	161	T+_K	0.	0.
41	41	29	T+_K	0.	0.
41	41	30	T+_K	0.	0.
41	41	100	T-_K	0.	0.
41	41	161	T-_K	0.	0.
41	41	29	T-_K	0.	0.
41	41	30	T-_K	0.	0.
41	41	100	G1_D	-9.408E-02	2.36
41	41	161	G1_D	-9.408E-02	2.36
41	41	29	G1_D	-9.408E-02	2.36
41	41	30	G1_D	-9.408E-02	2.36
41	41	100	G2_D	-1.71	6.16
41	41	161	G2_D	-1.71	6.16
41	41	29	G2_D	-1.71	6.16
41	41	30	G2_D	-1.71	6.16
41	41	100	Q_D	4.562E-02	0.8
41	41	161	Q_D	4.562E-02	0.8
41	41	29	Q_D	4.562E-02	0.8
41	41	30	Q_D	4.562E-02	0.8
41	41	100	N_D	5.474E-03	9.633E-02
41	41	161	N_D	5.474E-03	9.633E-02
41	41	29	N_D	5.474E-03	9.633E-02
41	41	30	N_D	5.474E-03	9.633E-02
41	41	100	T+_D	0.	0.
41	41	161	T+_D	0.	0.
41	41	29	T+_D	0.	0.
41	41	30	T+_D	0.	0.
41	41	100	T-_D	0.	0.
41	41	161	T-_D	0.	0.
41	41	29	T-_D	0.	0.
41	41	30	T-_D	0.	0.
41	41	100	W+_K	0.	0.
41	41	161	W+_K	0.	0.
41	41	29	W+_K	0.	0.
41	41	30	W+_K	0.	0.
41	41	100	W-_K	0.	0.
41	41	161	W-_K	0.	0.
41	41	29	W-_K	0.	0.
41	41	30	W-_K	0.	0.
41	41	100	W+_D	0.	0.
41	41	161	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
41	41	29	W+_D	0.	0.
41	41	30	W+_D	0.	0.
41	41	100	W-_D	0.	0.
41	41	161	W-_D	0.	0.
41	41	29	W-_D	0.	0.
41	41	30	W-_D	0.	0.
41	41	100	SISMA SLV X	6.696E-02	1.76
41	41	161	SISMA SLV X	6.696E-02	1.76
41	41	29	SISMA SLV X	6.696E-02	1.76
41	41	30	SISMA SLV X	6.696E-02	1.76
41	41	100	SISMA SLV Y	9.444E-02	3.94
41	41	161	SISMA SLV Y	9.444E-02	3.94
41	41	29	SISMA SLV Y	9.444E-02	3.94
41	41	30	SISMA SLV Y	9.444E-02	3.94
41	41	100	SISMA SLD X	3.269E-02	0.86
41	41	161	SISMA SLD X	3.269E-02	0.86
41	41	29	SISMA SLD X	3.269E-02	0.86
41	41	30	SISMA SLD X	3.269E-02	0.86
41	41	100	SISMA SLD Y	4.612E-02	1.93
41	41	161	SISMA SLD Y	4.612E-02	1.93
41	41	29	SISMA SLD Y	4.612E-02	1.93
41	41	30	SISMA SLD Y	4.612E-02	1.93
41	41	100	SISMA SLO X	2.703E-02	0.71
41	41	161	SISMA SLO X	2.703E-02	0.71
41	41	29	SISMA SLO X	2.703E-02	0.71
41	41	30	SISMA SLO X	2.703E-02	0.71
41	41	100	SISMA SLO Y	3.815E-02	1.59
41	41	161	SISMA SLO Y	3.815E-02	1.59
41	41	29	SISMA SLO Y	3.815E-02	1.59
41	41	30	SISMA SLO Y	3.815E-02	1.59
41	41	100	SLT	0.	0.
41	41	161	SLT	0.	0.
41	41	29	SLT	0.	0.
41	41	30	SLT	0.	0.
41	41	100	~TorsionSISMA SLV X	0.	0.
41	41	161	~TorsionSISMA SLV X	0.	0.
41	41	29	~TorsionSISMA SLV X	0.	0.
41	41	30	~TorsionSISMA SLV X	0.	0.
41	41	100	~TorsionSISMA SLV Y	0.	0.
41	41	161	~TorsionSISMA SLV Y	0.	0.
41	41	29	~TorsionSISMA SLV Y	0.	0.
41	41	30	~TorsionSISMA SLV Y	0.	0.
41	41	100	~TorsionSISMA SLD X	0.	0.
41	41	161	~TorsionSISMA SLD X	0.	0.
41	41	29	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
41	41	30	~TorsionSISMA SLD X	0.	0.
41	41	100	~TorsionSISMA SLD Y	0.	0.
41	41	161	~TorsionSISMA SLD Y	0.	0.
41	41	29	~TorsionSISMA SLD Y	0.	0.
41	41	30	~TorsionSISMA SLD Y	0.	0.
41	41	100	~TorsionSISMA SLO X	0.	0.
41	41	161	~TorsionSISMA SLO X	0.	0.
41	41	29	~TorsionSISMA SLO X	0.	0.
41	41	30	~TorsionSISMA SLO X	0.	0.
41	41	100	~TorsionSISMA SLO Y	0.	0.
41	41	161	~TorsionSISMA SLO Y	0.	0.
41	41	29	~TorsionSISMA SLO Y	0.	0.
41	41	30	~TorsionSISMA SLO Y	0.	0.
42	42	30	G1_K	0.33	2.130E-02
42	42	29	G1_K	0.33	2.130E-02
42	42	162	G1_K	0.33	2.130E-02
42	42	163	G1_K	0.33	2.130E-02
42	42	30	G2_K	-1.73	5.3
42	42	29	G2_K	-1.73	5.3
42	42	162	G2_K	-1.73	5.3
42	42	163	G2_K	-1.73	5.3
42	42	30	Q_K	0.37	5.175E-02
42	42	29	Q_K	0.37	5.175E-02
42	42	162	Q_K	0.37	5.175E-02
42	42	163	Q_K	0.37	5.175E-02
42	42	30	N_K	4.460E-02	6.210E-03
42	42	29	N_K	4.460E-02	6.210E-03
42	42	162	N_K	4.460E-02	6.210E-03
42	42	163	N_K	4.460E-02	6.210E-03
42	42	30	T+_K	0.	0.
42	42	29	T+_K	0.	0.
42	42	162	T+_K	0.	0.
42	42	163	T+_K	0.	0.
42	42	30	T-_K	0.	0.
42	42	29	T-_K	0.	0.
42	42	162	T-_K	0.	0.
42	42	163	T-_K	0.	0.
42	42	30	G1_D	0.43	2.769E-02
42	42	29	G1_D	0.43	2.769E-02
42	42	162	G1_D	0.43	2.769E-02
42	42	163	G1_D	0.43	2.769E-02
42	42	30	G2_D	-2.24	6.89
42	42	29	G2_D	-2.24	6.89
42	42	162	G2_D	-2.24	6.89

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
42	42	163	G2_D	-2.24	6.89
42	42	30	Q_D	0.56	7.762E-02
42	42	29	Q_D	0.56	7.762E-02
42	42	162	Q_D	0.56	7.762E-02
42	42	163	Q_D	0.56	7.762E-02
42	42	30	N_D	6.690E-02	9.315E-03
42	42	29	N_D	6.690E-02	9.315E-03
42	42	162	N_D	6.690E-02	9.315E-03
42	42	163	N_D	6.690E-02	9.315E-03
42	42	30	T+_D	0.	0.
42	42	29	T+_D	0.	0.
42	42	162	T+_D	0.	0.
42	42	163	T+_D	0.	0.
42	42	30	T-_D	0.	0.
42	42	29	T-_D	0.	0.
42	42	162	T-_D	0.	0.
42	42	163	T-_D	0.	0.
42	42	30	W+_K	0.	0.
42	42	29	W+_K	0.	0.
42	42	162	W+_K	0.	0.
42	42	163	W+_K	0.	0.
42	42	30	W-_K	0.	0.
42	42	29	W-_K	0.	0.
42	42	162	W-_K	0.	0.
42	42	163	W-_K	0.	0.
42	42	30	W+_D	0.	0.
42	42	29	W+_D	0.	0.
42	42	162	W+_D	0.	0.
42	42	163	W+_D	0.	0.
42	42	30	W-_D	0.	0.
42	42	29	W-_D	0.	0.
42	42	162	W-_D	0.	0.
42	42	163	W-_D	0.	0.
42	42	30	SISMA SLV X	0.33	1.07
42	42	29	SISMA SLV X	0.33	1.07
42	42	162	SISMA SLV X	0.33	1.07
42	42	163	SISMA SLV X	0.33	1.07
42	42	30	SISMA SLV Y	0.54	2.02
42	42	29	SISMA SLV Y	0.54	2.02
42	42	162	SISMA SLV Y	0.54	2.02
42	42	163	SISMA SLV Y	0.54	2.02
42	42	30	SISMA SLD X	0.16	0.52
42	42	29	SISMA SLD X	0.16	0.52
42	42	162	SISMA SLD X	0.16	0.52
42	42	163	SISMA SLD X	0.16	0.52
42	42	30	SISMA SLD Y	0.26	0.99
42	42	29	SISMA SLD Y	0.26	0.99
42	42	162	SISMA SLD Y	0.26	0.99
42	42	163	SISMA SLD Y	0.26	0.99
42	42	30	SISMA SLO X	0.14	0.43
42	42	29	SISMA SLO X	0.14	0.43
42	42	162	SISMA SLO X	0.14	0.43
42	42	163	SISMA SLO X	0.14	0.43
42	42	30	SISMA SLO Y	0.22	0.82

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
42	42	29	SISMA SLO Y	0.22	0.82
42	42	162	SISMA SLO Y	0.22	0.82
42	42	163	SISMA SLO Y	0.22	0.82
42	42	30	SLT	0.	0.
42	42	29	SLT	0.	0.
42	42	162	SLT	0.	0.
42	42	163	SLT	0.	0.
42	42	30	~TorsionSISMA SLV X	0.	0.
42	42	29	~TorsionSISMA SLV X	0.	0.
42	42	162	~TorsionSISMA SLV X	0.	0.
42	42	163	~TorsionSISMA SLV X	0.	0.
42	42	30	~TorsionSISMA SLV Y	0.	0.
42	42	29	~TorsionSISMA SLV Y	0.	0.
42	42	162	~TorsionSISMA SLV Y	0.	0.
42	42	163	~TorsionSISMA SLV Y	0.	0.
42	42	30	~TorsionSISMA SLD X	0.	0.
42	42	29	~TorsionSISMA SLD X	0.	0.
42	42	162	~TorsionSISMA SLD X	0.	0.
42	42	163	~TorsionSISMA SLD X	0.	0.
42	42	30	~TorsionSISMA SLD Y	0.	0.
42	42	29	~TorsionSISMA SLD Y	0.	0.
42	42	162	~TorsionSISMA SLD Y	0.	0.
42	42	163	~TorsionSISMA SLD Y	0.	0.
42	42	30	~TorsionSISMA SLO X	0.	0.
42	42	29	~TorsionSISMA SLO X	0.	0.
42	42	162	~TorsionSISMA SLO X	0.	0.
42	42	163	~TorsionSISMA SLO X	0.	0.
42	42	30	~TorsionSISMA SLO Y	0.	0.
42	42	29	~TorsionSISMA SLO Y	0.	0.
42	42	162	~TorsionSISMA SLO Y	0.	0.
42	42	163	~TorsionSISMA SLO Y	0.	0.
43	43	163	G1_K	1.1	0.24
43	43	162	G1_K	1.1	0.24
43	43	31	G1_K	1.1	0.24
43	43	32	G1_K	1.1	0.24

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
43	43	163	G2_K	-2.74	2.57
43	43	162	G2_K	-2.74	2.57
43	43	31	G2_K	-2.74	2.57
43	43	32	G2_K	-2.74	2.57
43	43	163	Q_K	0.81	0.2
43	43	162	Q_K	0.81	0.2
43	43	31	Q_K	0.81	0.2
43	43	32	Q_K	0.81	0.2
43	43	163	N_K	9.675E-02	2.416E-02
43	43	162	N_K	9.675E-02	2.416E-02
43	43	31	N_K	9.675E-02	2.416E-02
43	43	32	N_K	9.675E-02	2.416E-02
43	43	163	T+_K	0.	0.
43	43	162	T+_K	0.	0.
43	43	31	T+_K	0.	0.
43	43	32	T+_K	0.	0.
43	43	163	T-_K	0.	0.
43	43	162	T-_K	0.	0.
43	43	31	T-_K	0.	0.
43	43	32	T-_K	0.	0.
43	43	163	G1_D	1.43	0.31
43	43	162	G1_D	1.43	0.31
43	43	31	G1_D	1.43	0.31
43	43	32	G1_D	1.43	0.31
43	43	163	G2_D	-3.56	3.34
43	43	162	G2_D	-3.56	3.34
43	43	31	G2_D	-3.56	3.34
43	43	32	G2_D	-3.56	3.34
43	43	163	Q_D	1.21	0.3
43	43	162	Q_D	1.21	0.3
43	43	31	Q_D	1.21	0.3
43	43	32	Q_D	1.21	0.3
43	43	163	N_D	0.15	3.624E-02
43	43	162	N_D	0.15	3.624E-02
43	43	31	N_D	0.15	3.624E-02
43	43	32	N_D	0.15	3.624E-02
43	43	163	T+_D	0.	0.
43	43	162	T+_D	0.	0.
43	43	31	T+_D	0.	0.
43	43	32	T+_D	0.	0.
43	43	163	T-_D	0.	0.
43	43	162	T-_D	0.	0.
43	43	31	T-_D	0.	0.
43	43	32	T-_D	0.	0.
43	43	163	W+_K	0.	0.
43	43	162	W+_K	0.	0.
43	43	31	W+_K	0.	0.
43	43	32	W+_K	0.	0.
43	43	163	W-_K	0.	0.
43	43	162	W-_K	0.	0.
43	43	31	W-_K	0.	0.
43	43	32	W-_K	0.	0.
43	43	163	W+_D	0.	0.
43	43	162	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
43	43	31	W+_D	0.	0.
43	43	32	W+_D	0.	0.
43	43	163	W-_D	0.	0.
43	43	162	W-_D	0.	0.
43	43	31	W-_D	0.	0.
43	43	32	W-_D	0.	0.
43	43	163	SISMA SLV X	0.72	0.85
43	43	162	SISMA SLV X	0.72	0.85
43	43	31	SISMA SLV X	0.72	0.85
43	43	32	SISMA SLV X	0.72	0.85
43	43	163	SISMA SLV Y	1.29	1.48
43	43	162	SISMA SLV Y	1.29	1.48
43	43	31	SISMA SLV Y	1.29	1.48
43	43	32	SISMA SLV Y	1.29	1.48
43	43	163	SISMA SLD X	0.35	0.41
43	43	162	SISMA SLD X	0.35	0.41
43	43	31	SISMA SLD X	0.35	0.41
43	43	32	SISMA SLD X	0.35	0.41
43	43	163	SISMA SLD Y	0.63	0.72
43	43	162	SISMA SLD Y	0.63	0.72
43	43	31	SISMA SLD Y	0.63	0.72
43	43	32	SISMA SLD Y	0.63	0.72
43	43	163	SISMA SLO X	0.29	0.34
43	43	162	SISMA SLO X	0.29	0.34
43	43	31	SISMA SLO X	0.29	0.34
43	43	32	SISMA SLO X	0.29	0.34
43	43	163	SISMA SLO Y	0.52	0.6
43	43	162	SISMA SLO Y	0.52	0.6
43	43	31	SISMA SLO Y	0.52	0.6
43	43	32	SISMA SLO Y	0.52	0.6
43	43	163	SLT	0.	0.
43	43	162	SLT	0.	0.
43	43	31	SLT	0.	0.
43	43	32	SLT	0.	0.
43	43	163	~TorsionSISMA SLV X	0.	0.
43	43	162	~TorsionSISMA SLV X	0.	0.
43	43	31	~TorsionSISMA SLV X	0.	0.
43	43	32	~TorsionSISMA SLV X	0.	0.
43	43	163	~TorsionSISMA SLV Y	0.	0.
43	43	162	~TorsionSISMA SLV Y	0.	0.
43	43	31	~TorsionSISMA SLV Y	0.	0.
43	43	32	~TorsionSISMA SLV Y	0.	0.
43	43	163	~TorsionSISMA SLD X	0.	0.
43	43	162	~TorsionSISMA SLD X	0.	0.
43	43	31	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
43	43	32	~TorsionSISMA SLD X	0.	0.
43	43	163	~TorsionSISMA SLD Y	0.	0.
43	43	162	~TorsionSISMA SLD Y	0.	0.
43	43	31	~TorsionSISMA SLD Y	0.	0.
43	43	32	~TorsionSISMA SLD Y	0.	0.
43	43	163	~TorsionSISMA SLO X	0.	0.
43	43	162	~TorsionSISMA SLO X	0.	0.
43	43	31	~TorsionSISMA SLO X	0.	0.
43	43	32	~TorsionSISMA SLO X	0.	0.
43	43	163	~TorsionSISMA SLO Y	0.	0.
43	43	162	~TorsionSISMA SLO Y	0.	0.
43	43	31	~TorsionSISMA SLO Y	0.	0.
43	43	32	~TorsionSISMA SLO Y	0.	0.
44	44	32	G1_K	1.9	1.13
44	44	31	G1_K	1.9	1.13
44	44	164	G1_K	1.9	1.13
44	44	165	G1_K	1.9	1.13
44	44	32	G2_K	-3.28	-0.1
44	44	31	G2_K	-3.28	-0.1
44	44	164	G2_K	-3.28	-0.1
44	44	165	G2_K	-3.28	-0.1
44	44	32	Q_K	1.29	0.79
44	44	31	Q_K	1.29	0.79
44	44	164	Q_K	1.29	0.79
44	44	165	Q_K	1.29	0.79
44	44	32	N_K	0.15	9.533E-02
44	44	31	N_K	0.15	9.533E-02
44	44	164	N_K	0.15	9.533E-02
44	44	165	N_K	0.15	9.533E-02
44	44	32	T+_K	0.	0.
44	44	31	T+_K	0.	0.
44	44	164	T+_K	0.	0.
44	44	165	T+_K	0.	0.
44	44	32	T-_K	0.	0.
44	44	31	T-_K	0.	0.
44	44	164	T-_K	0.	0.
44	44	165	T-_K	0.	0.
44	44	32	G1_D	2.47	1.47
44	44	31	G1_D	2.47	1.47
44	44	164	G1_D	2.47	1.47
44	44	165	G1_D	2.47	1.47
44	44	32	G2_D	-4.26	-0.13
44	44	31	G2_D	-4.26	-0.13
44	44	164	G2_D	-4.26	-0.13

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
44	44	165	G2_D	-4.26	-0.13
44	44	32	Q_D	1.93	1.19
44	44	31	Q_D	1.93	1.19
44	44	164	Q_D	1.93	1.19
44	44	165	Q_D	1.93	1.19
44	44	32	N_D	0.23	0.14
44	44	31	N_D	0.23	0.14
44	44	164	N_D	0.23	0.14
44	44	165	N_D	0.23	0.14
44	44	32	T+_D	0.	0.
44	44	31	T+_D	0.	0.
44	44	164	T+_D	0.	0.
44	44	165	T+_D	0.	0.
44	44	32	T-_D	0.	0.
44	44	31	T-_D	0.	0.
44	44	164	T-_D	0.	0.
44	44	165	T-_D	0.	0.
44	44	32	W+_K	0.	0.
44	44	31	W+_K	0.	0.
44	44	164	W+_K	0.	0.
44	44	165	W+_K	0.	0.
44	44	32	W-_K	0.	0.
44	44	31	W-_K	0.	0.
44	44	164	W-_K	0.	0.
44	44	165	W-_K	0.	0.
44	44	32	W+_D	0.	0.
44	44	31	W+_D	0.	0.
44	44	164	W+_D	0.	0.
44	44	165	W+_D	0.	0.
44	44	32	W-_D	0.	0.
44	44	31	W-_D	0.	0.
44	44	164	W-_D	0.	0.
44	44	165	W-_D	0.	0.
44	44	32	SISMA SLV X	0.92	0.64
44	44	31	SISMA SLV X	0.92	0.64
44	44	164	SISMA SLV X	0.92	0.64
44	44	165	SISMA SLV X	0.92	0.64
44	44	32	SISMA SLV Y	1.63	1.
44	44	31	SISMA SLV Y	1.63	1.
44	44	164	SISMA SLV Y	1.63	1.
44	44	165	SISMA SLV Y	1.63	1.
44	44	32	SISMA SLD X	0.45	0.31
44	44	31	SISMA SLD X	0.45	0.31
44	44	164	SISMA SLD X	0.45	0.31
44	44	165	SISMA SLD X	0.45	0.31
44	44	32	SISMA SLD Y	0.79	0.49
44	44	31	SISMA SLD Y	0.79	0.49
44	44	164	SISMA SLD Y	0.79	0.49
44	44	165	SISMA SLD Y	0.79	0.49
44	44	32	SISMA SLO X	0.37	0.26
44	44	31	SISMA SLO X	0.37	0.26
44	44	164	SISMA SLO X	0.37	0.26
44	44	165	SISMA SLO X	0.37	0.26
44	44	32	SISMA SLO Y	0.66	0.4

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
44	44	31	SISMA SLO Y	0.66	0.4
44	44	164	SISMA SLO Y	0.66	0.4
44	44	165	SISMA SLO Y	0.66	0.4
44	44	32	SLT	0.	0.
44	44	31	SLT	0.	0.
44	44	164	SLT	0.	0.
44	44	165	SLT	0.	0.
44	44	32	~TorsionSISMA SLV X	0.	0.
44	44	31	~TorsionSISMA SLV X	0.	0.
44	44	164	~TorsionSISMA SLV X	0.	0.
44	44	165	~TorsionSISMA SLV X	0.	0.
44	44	32	~TorsionSISMA SLV Y	0.	0.
44	44	31	~TorsionSISMA SLV Y	0.	0.
44	44	164	~TorsionSISMA SLV Y	0.	0.
44	44	165	~TorsionSISMA SLV Y	0.	0.
44	44	32	~TorsionSISMA SLD X	0.	0.
44	44	31	~TorsionSISMA SLD X	0.	0.
44	44	164	~TorsionSISMA SLD X	0.	0.
44	44	165	~TorsionSISMA SLD X	0.	0.
44	44	32	~TorsionSISMA SLD Y	0.	0.
44	44	31	~TorsionSISMA SLD Y	0.	0.
44	44	164	~TorsionSISMA SLD Y	0.	0.
44	44	165	~TorsionSISMA SLD Y	0.	0.
44	44	32	~TorsionSISMA SLO X	0.	0.
44	44	31	~TorsionSISMA SLO X	0.	0.
44	44	164	~TorsionSISMA SLO X	0.	0.
44	44	165	~TorsionSISMA SLO X	0.	0.
44	44	32	~TorsionSISMA SLO Y	0.	0.
44	44	31	~TorsionSISMA SLO Y	0.	0.
44	44	164	~TorsionSISMA SLO Y	0.	0.
44	44	165	~TorsionSISMA SLO Y	0.	0.
45	45	165	G1_K	2.25	3.52
45	45	164	G1_K	2.25	3.52
45	45	33	G1_K	2.25	3.52
45	45	34	G1_K	2.25	3.52

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
45	45	165	G2_K	-3.46	-2.67
45	45	164	G2_K	-3.46	-2.67
45	45	33	G2_K	-3.46	-2.67
45	45	34	G2_K	-3.46	-2.67
45	45	165	Q_K	1.48	2.32
45	45	164	Q_K	1.48	2.32
45	45	33	Q_K	1.48	2.32
45	45	34	Q_K	1.48	2.32
45	45	165	N_K	0.18	0.28
45	45	164	N_K	0.18	0.28
45	45	33	N_K	0.18	0.28
45	45	34	N_K	0.18	0.28
45	45	165	T+_K	0.	0.
45	45	164	T+_K	0.	0.
45	45	33	T+_K	0.	0.
45	45	34	T+_K	0.	0.
45	45	165	T-_K	0.	0.
45	45	164	T-_K	0.	0.
45	45	33	T-_K	0.	0.
45	45	34	T-_K	0.	0.
45	45	165	G1_D	2.92	4.57
45	45	164	G1_D	2.92	4.57
45	45	33	G1_D	2.92	4.57
45	45	34	G1_D	2.92	4.57
45	45	165	G2_D	-4.5	-3.47
45	45	164	G2_D	-4.5	-3.47
45	45	33	G2_D	-4.5	-3.47
45	45	34	G2_D	-4.5	-3.47
45	45	165	Q_D	2.23	3.48
45	45	164	Q_D	2.23	3.48
45	45	33	Q_D	2.23	3.48
45	45	34	Q_D	2.23	3.48
45	45	165	N_D	0.27	0.42
45	45	164	N_D	0.27	0.42
45	45	33	N_D	0.27	0.42
45	45	34	N_D	0.27	0.42
45	45	165	T+_D	0.	0.
45	45	164	T+_D	0.	0.
45	45	33	T+_D	0.	0.
45	45	34	T+_D	0.	0.
45	45	165	T-_D	0.	0.
45	45	164	T-_D	0.	0.
45	45	33	T-_D	0.	0.
45	45	34	T-_D	0.	0.
45	45	165	W+_K	0.	0.
45	45	164	W+_K	0.	0.
45	45	33	W+_K	0.	0.
45	45	34	W+_K	0.	0.
45	45	165	W-_K	0.	0.
45	45	164	W-_K	0.	0.
45	45	33	W-_K	0.	0.
45	45	34	W-_K	0.	0.
45	45	165	W+_D	0.	0.
45	45	164	W+_D	0.	0.

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
45	45	33	W+_D	0.	0.
45	45	34	W+_D	0.	0.
45	45	165	W-_D	0.	0.
45	45	164	W-_D	0.	0.
45	45	33	W-_D	0.	0.
45	45	34	W-_D	0.	0.
45	45	165	SISMA SLV X	0.87	0.52
45	45	164	SISMA SLV X	0.87	0.52
45	45	33	SISMA SLV X	0.87	0.52
45	45	34	SISMA SLV X	0.87	0.52
45	45	165	SISMA SLV Y	1.4	0.47
45	45	164	SISMA SLV Y	1.4	0.47
45	45	33	SISMA SLV Y	1.4	0.47
45	45	34	SISMA SLV Y	1.4	0.47
45	45	165	SISMA SLD X	0.42	0.26
45	45	164	SISMA SLD X	0.42	0.26
45	45	33	SISMA SLD X	0.42	0.26
45	45	34	SISMA SLD X	0.42	0.26
45	45	165	SISMA SLD Y	0.69	0.23
45	45	164	SISMA SLD Y	0.69	0.23
45	45	33	SISMA SLD Y	0.69	0.23
45	45	34	SISMA SLD Y	0.69	0.23
45	45	165	SISMA SLO X	0.35	0.21
45	45	164	SISMA SLO X	0.35	0.21
45	45	33	SISMA SLO X	0.35	0.21
45	45	34	SISMA SLO X	0.35	0.21
45	45	165	SISMA SLO Y	0.57	0.19
45	45	164	SISMA SLO Y	0.57	0.19
45	45	33	SISMA SLO Y	0.57	0.19
45	45	34	SISMA SLO Y	0.57	0.19
45	45	165	SLT	0.	0.
45	45	164	SLT	0.	0.
45	45	33	SLT	0.	0.
45	45	34	SLT	0.	0.
45	45	165	~TorsionSISMA SLV X	0.	0.
45	45	164	~TorsionSISMA SLV X	0.	0.
45	45	33	~TorsionSISMA SLV X	0.	0.
45	45	34	~TorsionSISMA SLV X	0.	0.
45	45	165	~TorsionSISMA SLV Y	0.	0.
45	45	164	~TorsionSISMA SLV Y	0.	0.
45	45	33	~TorsionSISMA SLV Y	0.	0.
45	45	34	~TorsionSISMA SLV Y	0.	0.
45	45	165	~TorsionSISMA SLD X	0.	0.
45	45	164	~TorsionSISMA SLD X	0.	0.
45	45	33	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
45	45	34	~TorsionSISMA SLD X	0.	0.
45	45	165	~TorsionSISMA SLD Y	0.	0.
45	45	164	~TorsionSISMA SLD Y	0.	0.
45	45	33	~TorsionSISMA SLD Y	0.	0.
45	45	34	~TorsionSISMA SLD Y	0.	0.
45	45	165	~TorsionSISMA SLO X	0.	0.
45	45	164	~TorsionSISMA SLO X	0.	0.
45	45	33	~TorsionSISMA SLO X	0.	0.
45	45	34	~TorsionSISMA SLO X	0.	0.
45	45	165	~TorsionSISMA SLO Y	0.	0.
45	45	164	~TorsionSISMA SLO Y	0.	0.
45	45	33	~TorsionSISMA SLO Y	0.	0.
45	45	34	~TorsionSISMA SLO Y	0.	0.
46	46	34	G1_K	2.48	5.93
46	46	33	G1_K	2.48	5.93
46	46	119	G1_K	2.48	5.93
46	46	104	G1_K	2.48	5.93
46	46	34	G2_K	-3.63	-4.69
46	46	33	G2_K	-3.63	-4.69
46	46	119	G2_K	-3.63	-4.69
46	46	104	G2_K	-3.63	-4.69
46	46	34	Q_K	1.62	3.86
46	46	33	Q_K	1.62	3.86
46	46	119	Q_K	1.62	3.86
46	46	104	Q_K	1.62	3.86
46	46	34	N_K	0.19	0.46
46	46	33	N_K	0.19	0.46
46	46	119	N_K	0.19	0.46
46	46	104	N_K	0.19	0.46
46	46	34	T+_K	0.	0.
46	46	33	T+_K	0.	0.
46	46	119	T+_K	0.	0.
46	46	104	T+_K	0.	0.
46	46	34	T-_K	0.	0.
46	46	33	T-_K	0.	0.
46	46	119	T-_K	0.	0.
46	46	104	T-_K	0.	0.
46	46	34	G1_D	3.23	7.71
46	46	33	G1_D	3.23	7.71
46	46	119	G1_D	3.23	7.71
46	46	104	G1_D	3.23	7.71
46	46	34	G2_D	-4.72	-6.09
46	46	33	G2_D	-4.72	-6.09
46	46	119	G2_D	-4.72	-6.09

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
46	46	104	G2_D	-4.72	-6.09
46	46	34	Q_D	2.43	5.79
46	46	33	Q_D	2.43	5.79
46	46	119	Q_D	2.43	5.79
46	46	104	Q_D	2.43	5.79
46	46	34	N_D	0.29	0.69
46	46	33	N_D	0.29	0.69
46	46	119	N_D	0.29	0.69
46	46	104	N_D	0.29	0.69
46	46	34	T+_D	0.	0.
46	46	33	T+_D	0.	0.
46	46	119	T+_D	0.	0.
46	46	104	T+_D	0.	0.
46	46	34	T-_D	0.	0.
46	46	33	T-_D	0.	0.
46	46	119	T-_D	0.	0.
46	46	104	T-_D	0.	0.
46	46	34	W+_K	0.	0.
46	46	33	W+_K	0.	0.
46	46	119	W+_K	0.	0.
46	46	104	W+_K	0.	0.
46	46	34	W-_K	0.	0.
46	46	33	W-_K	0.	0.
46	46	119	W-_K	0.	0.
46	46	104	W-_K	0.	0.
46	46	34	W+_D	0.	0.
46	46	33	W+_D	0.	0.
46	46	119	W+_D	0.	0.
46	46	104	W+_D	0.	0.
46	46	34	W-_D	0.	0.
46	46	33	W-_D	0.	0.
46	46	119	W-_D	0.	0.
46	46	104	W-_D	0.	0.
46	46	34	SISMA SLV X	0.62	0.66
46	46	33	SISMA SLV X	0.62	0.66
46	46	119	SISMA SLV X	0.62	0.66
46	46	104	SISMA SLV X	0.62	0.66
46	46	34	SISMA SLV Y	0.64	0.7
46	46	33	SISMA SLV Y	0.64	0.7
46	46	119	SISMA SLV Y	0.64	0.7
46	46	104	SISMA SLV Y	0.64	0.7
46	46	34	SISMA SLD X	0.3	0.32
46	46	33	SISMA SLD X	0.3	0.32
46	46	119	SISMA SLD X	0.3	0.32
46	46	104	SISMA SLD X	0.3	0.32
46	46	34	SISMA SLD Y	0.31	0.34
46	46	33	SISMA SLD Y	0.31	0.34
46	46	119	SISMA SLD Y	0.31	0.34
46	46	104	SISMA SLD Y	0.31	0.34
46	46	34	SISMA SLO X	0.25	0.27
46	46	33	SISMA SLO X	0.25	0.27
46	46	119	SISMA SLO X	0.25	0.27
46	46	104	SISMA SLO X	0.25	0.27
46	46	34	SISMA SLO Y	0.26	0.28

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
46	46	33	SISMA SLO Y	0.26	0.28
46	46	119	SISMA SLO Y	0.26	0.28
46	46	104	SISMA SLO Y	0.26	0.28
46	46	34	SLT	0.	0.
46	46	33	SLT	0.	0.
46	46	119	SLT	0.	0.
46	46	104	SLT	0.	0.
46	46	34	~TorsionSISMA SLV X	0.	0.
46	46	33	~TorsionSISMA SLV X	0.	0.
46	46	119	~TorsionSISMA SLV X	0.	0.
46	46	104	~TorsionSISMA SLV X	0.	0.
46	46	34	~TorsionSISMA SLV Y	0.	0.
46	46	33	~TorsionSISMA SLV Y	0.	0.
46	46	119	~TorsionSISMA SLV Y	0.	0.
46	46	104	~TorsionSISMA SLV Y	0.	0.
46	46	34	~TorsionSISMA SLD X	0.	0.
46	46	33	~TorsionSISMA SLD X	0.	0.
46	46	119	~TorsionSISMA SLD X	0.	0.
46	46	104	~TorsionSISMA SLD X	0.	0.
46	46	34	~TorsionSISMA SLD Y	0.	0.
46	46	33	~TorsionSISMA SLD Y	0.	0.
46	46	119	~TorsionSISMA SLD Y	0.	0.
46	46	104	~TorsionSISMA SLD Y	0.	0.
46	46	34	~TorsionSISMA SLO X	0.	0.
46	46	33	~TorsionSISMA SLO X	0.	0.
46	46	119	~TorsionSISMA SLO X	0.	0.
46	46	104	~TorsionSISMA SLO X	0.	0.
46	46	34	~TorsionSISMA SLO Y	0.	0.
46	46	33	~TorsionSISMA SLO Y	0.	0.
46	46	119	~TorsionSISMA SLO Y	0.	0.
46	46	104	~TorsionSISMA SLO Y	0.	0.
47	47	161	G1_K	-1.080E-02	2.3
47	47	166	G1_K	-1.080E-02	2.3
47	47	35	G1_K	-1.080E-02	2.3
47	47	29	G1_K	-1.080E-02	2.3

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
47	47	161	G2_K	0.2	0.7
47	47	166	G2_K	0.2	0.7
47	47	35	G2_K	0.2	0.7
47	47	29	G2_K	0.2	0.7
47	47	161	Q_K	-1.151E-02	1.36
47	47	166	Q_K	-1.151E-02	1.36
47	47	35	Q_K	-1.151E-02	1.36
47	47	29	Q_K	-1.151E-02	1.36
47	47	161	N_K	-1.381E-03	0.16
47	47	166	N_K	-1.381E-03	0.16
47	47	35	N_K	-1.381E-03	0.16
47	47	29	N_K	-1.381E-03	0.16
47	47	161	T+_K	0.	0.
47	47	166	T+_K	0.	0.
47	47	35	T+_K	0.	0.
47	47	29	T+_K	0.	0.
47	47	161	T-_K	0.	0.
47	47	166	T-_K	0.	0.
47	47	35	T-_K	0.	0.
47	47	29	T-_K	0.	0.
47	47	161	G1_D	-1.404E-02	2.99
47	47	166	G1_D	-1.404E-02	2.99
47	47	35	G1_D	-1.404E-02	2.99
47	47	29	G1_D	-1.404E-02	2.99
47	47	161	G2_D	0.26	0.91
47	47	166	G2_D	0.26	0.91
47	47	35	G2_D	0.26	0.91
47	47	29	G2_D	0.26	0.91
47	47	161	Q_D	-1.726E-02	2.04
47	47	166	Q_D	-1.726E-02	2.04
47	47	35	Q_D	-1.726E-02	2.04
47	47	29	Q_D	-1.726E-02	2.04
47	47	161	N_D	-2.071E-03	0.25
47	47	166	N_D	-2.071E-03	0.25
47	47	35	N_D	-2.071E-03	0.25
47	47	29	N_D	-2.071E-03	0.25
47	47	161	T+_D	0.	0.
47	47	166	T+_D	0.	0.
47	47	35	T+_D	0.	0.
47	47	29	T+_D	0.	0.
47	47	161	T-_D	0.	0.
47	47	166	T-_D	0.	0.
47	47	35	T-_D	0.	0.
47	47	29	T-_D	0.	0.
47	47	161	W+_K	0.	0.
47	47	166	W+_K	0.	0.
47	47	35	W+_K	0.	0.
47	47	29	W+_K	0.	0.
47	47	161	W-_K	0.	0.
47	47	166	W-_K	0.	0.
47	47	35	W-_K	0.	0.
47	47	29	W-_K	0.	0.
47	47	161	W+_D	0.	0.
47	47	166	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
47	47	35	W+_D	0.	0.
47	47	29	W+_D	0.	0.
47	47	161	W-_D	0.	0.
47	47	166	W-_D	0.	0.
47	47	35	W-_D	0.	0.
47	47	29	W-_D	0.	0.
47	47	161	SISMA SLV X	3.115E-02	2.24
47	47	166	SISMA SLV X	3.115E-02	2.24
47	47	35	SISMA SLV X	3.115E-02	2.24
47	47	29	SISMA SLV X	3.115E-02	2.24
47	47	161	SISMA SLV Y	3.674E-02	4.82
47	47	166	SISMA SLV Y	3.674E-02	4.82
47	47	35	SISMA SLV Y	3.674E-02	4.82
47	47	29	SISMA SLV Y	3.674E-02	4.82
47	47	161	SISMA SLD X	1.520E-02	1.09
47	47	166	SISMA SLD X	1.520E-02	1.09
47	47	35	SISMA SLD X	1.520E-02	1.09
47	47	29	SISMA SLD X	1.520E-02	1.09
47	47	161	SISMA SLD Y	1.793E-02	2.35
47	47	166	SISMA SLD Y	1.793E-02	2.35
47	47	35	SISMA SLD Y	1.793E-02	2.35
47	47	29	SISMA SLD Y	1.793E-02	2.35
47	47	161	SISMA SLO X	1.256E-02	0.91
47	47	166	SISMA SLO X	1.256E-02	0.91
47	47	35	SISMA SLO X	1.256E-02	0.91
47	47	29	SISMA SLO X	1.256E-02	0.91
47	47	161	SISMA SLO Y	1.479E-02	1.95
47	47	166	SISMA SLO Y	1.479E-02	1.95
47	47	35	SISMA SLO Y	1.479E-02	1.95
47	47	29	SISMA SLO Y	1.479E-02	1.95
47	47	161	SLT	0.	0.
47	47	166	SLT	0.	0.
47	47	35	SLT	0.	0.
47	47	29	SLT	0.	0.
47	47	161	~TorsionSISMA SLV X	0.	0.
47	47	166	~TorsionSISMA SLV X	0.	0.
47	47	35	~TorsionSISMA SLV X	0.	0.
47	47	29	~TorsionSISMA SLV X	0.	0.
47	47	161	~TorsionSISMA SLV Y	0.	0.
47	47	166	~TorsionSISMA SLV Y	0.	0.
47	47	35	~TorsionSISMA SLV Y	0.	0.
47	47	29	~TorsionSISMA SLV Y	0.	0.
47	47	161	~TorsionSISMA SLD X	0.	0.
47	47	166	~TorsionSISMA SLD X	0.	0.
47	47	35	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
47	47	29	~TorsionSISMA SLD X	0.	0.
47	47	161	~TorsionSISMA SLD Y	0.	0.
47	47	166	~TorsionSISMA SLD Y	0.	0.
47	47	35	~TorsionSISMA SLD Y	0.	0.
47	47	29	~TorsionSISMA SLD Y	0.	0.
47	47	161	~TorsionSISMA SLO X	0.	0.
47	47	166	~TorsionSISMA SLO X	0.	0.
47	47	35	~TorsionSISMA SLO X	0.	0.
47	47	29	~TorsionSISMA SLO X	0.	0.
47	47	161	~TorsionSISMA SLO Y	0.	0.
47	47	166	~TorsionSISMA SLO Y	0.	0.
47	47	35	~TorsionSISMA SLO Y	0.	0.
47	47	29	~TorsionSISMA SLO Y	0.	0.
48	48	29	G1_K	0.12	2.39
48	48	35	G1_K	0.12	2.39
48	48	167	G1_K	0.12	2.39
48	48	162	G1_K	0.12	2.39
48	48	29	G2_K	-0.65	0.23
48	48	35	G2_K	-0.65	0.23
48	48	167	G2_K	-0.65	0.23
48	48	162	G2_K	-0.65	0.23
48	48	29	Q_K	9.944E-02	1.45
48	48	35	Q_K	9.944E-02	1.45
48	48	167	Q_K	9.944E-02	1.45
48	48	162	Q_K	9.944E-02	1.45
48	48	29	N_K	1.193E-02	0.17
48	48	35	N_K	1.193E-02	0.17
48	48	167	N_K	1.193E-02	0.17
48	48	162	N_K	1.193E-02	0.17
48	48	29	T+_K	0.	0.
48	48	35	T+_K	0.	0.
48	48	167	T+_K	0.	0.
48	48	162	T+_K	0.	0.
48	48	29	T-_K	0.	0.
48	48	35	T-_K	0.	0.
48	48	167	T-_K	0.	0.
48	48	162	T-_K	0.	0.
48	48	29	G1_D	0.15	3.11
48	48	35	G1_D	0.15	3.11
48	48	167	G1_D	0.15	3.11
48	48	162	G1_D	0.15	3.11
48	48	29	G2_D	-0.84	0.3
48	48	35	G2_D	-0.84	0.3
48	48	167	G2_D	-0.84	0.3

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
48	48	162	G2_D	-0.84	0.3
48	48	29	Q_D	0.15	2.17
48	48	35	Q_D	0.15	2.17
48	48	167	Q_D	0.15	2.17
48	48	162	Q_D	0.15	2.17
48	48	29	N_D	1.790E-02	0.26
48	48	35	N_D	1.790E-02	0.26
48	48	167	N_D	1.790E-02	0.26
48	48	162	N_D	1.790E-02	0.26
48	48	29	T+_D	0.	0.
48	48	35	T+_D	0.	0.
48	48	167	T+_D	0.	0.
48	48	162	T+_D	0.	0.
48	48	29	T-_D	0.	0.
48	48	35	T-_D	0.	0.
48	48	167	T-_D	0.	0.
48	48	162	T-_D	0.	0.
48	48	29	W+_K	0.	0.
48	48	35	W+_K	0.	0.
48	48	167	W+_K	0.	0.
48	48	162	W+_K	0.	0.
48	48	29	W-_K	0.	0.
48	48	35	W-_K	0.	0.
48	48	167	W-_K	0.	0.
48	48	162	W-_K	0.	0.
48	48	29	W+_D	0.	0.
48	48	35	W+_D	0.	0.
48	48	167	W+_D	0.	0.
48	48	162	W+_D	0.	0.
48	48	29	W-_D	0.	0.
48	48	35	W-_D	0.	0.
48	48	167	W-_D	0.	0.
48	48	162	W-_D	0.	0.
48	48	29	SISMA SLV X	0.19	2.03
48	48	35	SISMA SLV X	0.19	2.03
48	48	167	SISMA SLV X	0.19	2.03
48	48	162	SISMA SLV X	0.19	2.03
48	48	29	SISMA SLV Y	0.22	4.31
48	48	35	SISMA SLV Y	0.22	4.31
48	48	167	SISMA SLV Y	0.22	4.31
48	48	162	SISMA SLV Y	0.22	4.31
48	48	29	SISMA SLD X	9.358E-02	0.99
48	48	35	SISMA SLD X	9.358E-02	0.99
48	48	167	SISMA SLD X	9.358E-02	0.99
48	48	162	SISMA SLD X	9.358E-02	0.99
48	48	29	SISMA SLD Y	0.11	2.1
48	48	35	SISMA SLD Y	0.11	2.1
48	48	167	SISMA SLD Y	0.11	2.1
48	48	162	SISMA SLD Y	0.11	2.1
48	48	29	SISMA SLO X	7.739E-02	0.82
48	48	35	SISMA SLO X	7.739E-02	0.82
48	48	167	SISMA SLO X	7.739E-02	0.82
48	48	162	SISMA SLO X	7.739E-02	0.82
48	48	29	SISMA SLO Y	9.087E-02	1.74

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
48	48	35	SISMA SLO Y	9.087E-02	1.74
48	48	167	SISMA SLO Y	9.087E-02	1.74
48	48	162	SISMA SLO Y	9.087E-02	1.74
48	48	29	SLT	0.	0.
48	48	35	SLT	0.	0.
48	48	167	SLT	0.	0.
48	48	162	SLT	0.	0.
48	48	29	~TorsionSISMA SLV X	0.	0.
48	48	35	~TorsionSISMA SLV X	0.	0.
48	48	167	~TorsionSISMA SLV X	0.	0.
48	48	162	~TorsionSISMA SLV X	0.	0.
48	48	29	~TorsionSISMA SLV Y	0.	0.
48	48	35	~TorsionSISMA SLV Y	0.	0.
48	48	167	~TorsionSISMA SLV Y	0.	0.
48	48	162	~TorsionSISMA SLV Y	0.	0.
48	48	29	~TorsionSISMA SLD X	0.	0.
48	48	35	~TorsionSISMA SLD X	0.	0.
48	48	167	~TorsionSISMA SLD X	0.	0.
48	48	162	~TorsionSISMA SLD X	0.	0.
48	48	29	~TorsionSISMA SLD Y	0.	0.
48	48	35	~TorsionSISMA SLD Y	0.	0.
48	48	167	~TorsionSISMA SLD Y	0.	0.
48	48	162	~TorsionSISMA SLD Y	0.	0.
48	48	29	~TorsionSISMA SLO X	0.	0.
48	48	35	~TorsionSISMA SLO X	0.	0.
48	48	167	~TorsionSISMA SLO X	0.	0.
48	48	162	~TorsionSISMA SLO X	0.	0.
48	48	29	~TorsionSISMA SLO Y	0.	0.
48	48	35	~TorsionSISMA SLO Y	0.	0.
48	48	167	~TorsionSISMA SLO Y	0.	0.
48	48	162	~TorsionSISMA SLO Y	0.	0.
49	49	162	G1_K	0.33	2.62
49	49	167	G1_K	0.33	2.62
49	49	36	G1_K	0.33	2.62
49	49	31	G1_K	0.33	2.62

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
49	49	162	G2_K	-0.96	-0.17
49	49	167	G2_K	-0.96	-0.17
49	49	36	G2_K	-0.96	-0.17
49	49	31	G2_K	-0.96	-0.17
49	49	162	Q_K	0.23	1.63
49	49	167	Q_K	0.23	1.63
49	49	36	Q_K	0.23	1.63
49	49	31	Q_K	0.23	1.63
49	49	162	N_K	2.790E-02	0.2
49	49	167	N_K	2.790E-02	0.2
49	49	36	N_K	2.790E-02	0.2
49	49	31	N_K	2.790E-02	0.2
49	49	162	T+_K	0.	0.
49	49	167	T+_K	0.	0.
49	49	36	T+_K	0.	0.
49	49	31	T+_K	0.	0.
49	49	162	T-_K	0.	0.
49	49	167	T-_K	0.	0.
49	49	36	T-_K	0.	0.
49	49	31	T-_K	0.	0.
49	49	162	G1_D	0.44	3.41
49	49	167	G1_D	0.44	3.41
49	49	36	G1_D	0.44	3.41
49	49	31	G1_D	0.44	3.41
49	49	162	G2_D	-1.24	-0.23
49	49	167	G2_D	-1.24	-0.23
49	49	36	G2_D	-1.24	-0.23
49	49	31	G2_D	-1.24	-0.23
49	49	162	Q_D	0.35	2.45
49	49	167	Q_D	0.35	2.45
49	49	36	Q_D	0.35	2.45
49	49	31	Q_D	0.35	2.45
49	49	162	N_D	4.185E-02	0.29
49	49	167	N_D	4.185E-02	0.29
49	49	36	N_D	4.185E-02	0.29
49	49	31	N_D	4.185E-02	0.29
49	49	162	T+_D	0.	0.
49	49	167	T+_D	0.	0.
49	49	36	T+_D	0.	0.
49	49	31	T+_D	0.	0.
49	49	162	T-_D	0.	0.
49	49	167	T-_D	0.	0.
49	49	36	T-_D	0.	0.
49	49	31	T-_D	0.	0.
49	49	162	W+_K	0.	0.
49	49	167	W+_K	0.	0.
49	49	36	W+_K	0.	0.
49	49	31	W+_K	0.	0.
49	49	162	W-_K	0.	0.
49	49	167	W-_K	0.	0.
49	49	36	W-_K	0.	0.
49	49	31	W-_K	0.	0.
49	49	162	W+_D	0.	0.
49	49	167	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
49	49	36	W+_D	0.	0.
49	49	31	W+_D	0.	0.
49	49	162	W-_D	0.	0.
49	49	167	W-_D	0.	0.
49	49	36	W-_D	0.	0.
49	49	31	W-_D	0.	0.
49	49	162	SISMA SLV X	0.33	1.43
49	49	167	SISMA SLV X	0.33	1.43
49	49	36	SISMA SLV X	0.33	1.43
49	49	31	SISMA SLV X	0.33	1.43
49	49	162	SISMA SLV Y	0.42	3.02
49	49	167	SISMA SLV Y	0.42	3.02
49	49	36	SISMA SLV Y	0.42	3.02
49	49	31	SISMA SLV Y	0.42	3.02
49	49	162	SISMA SLD X	0.16	0.7
49	49	167	SISMA SLD X	0.16	0.7
49	49	36	SISMA SLD X	0.16	0.7
49	49	31	SISMA SLD X	0.16	0.7
49	49	162	SISMA SLD Y	0.21	1.47
49	49	167	SISMA SLD Y	0.21	1.47
49	49	36	SISMA SLD Y	0.21	1.47
49	49	31	SISMA SLD Y	0.21	1.47
49	49	162	SISMA SLO X	0.13	0.58
49	49	167	SISMA SLO X	0.13	0.58
49	49	36	SISMA SLO X	0.13	0.58
49	49	31	SISMA SLO X	0.13	0.58
49	49	162	SISMA SLO Y	0.17	1.22
49	49	167	SISMA SLO Y	0.17	1.22
49	49	36	SISMA SLO Y	0.17	1.22
49	49	31	SISMA SLO Y	0.17	1.22
49	49	162	SLT	0.	0.
49	49	167	SLT	0.	0.
49	49	36	SLT	0.	0.
49	49	31	SLT	0.	0.
49	49	162	~TorsionSISMA SLV X	0.	0.
49	49	167	~TorsionSISMA SLV X	0.	0.
49	49	36	~TorsionSISMA SLV X	0.	0.
49	49	31	~TorsionSISMA SLV X	0.	0.
49	49	162	~TorsionSISMA SLV Y	0.	0.
49	49	167	~TorsionSISMA SLV Y	0.	0.
49	49	36	~TorsionSISMA SLV Y	0.	0.
49	49	31	~TorsionSISMA SLV Y	0.	0.
49	49	162	~TorsionSISMA SLD X	0.	0.
49	49	167	~TorsionSISMA SLD X	0.	0.
49	49	36	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
49	49	31	~TorsionSISMA SLD X	0.	0.
49	49	162	~TorsionSISMA SLD Y	0.	0.
49	49	167	~TorsionSISMA SLD Y	0.	0.
49	49	36	~TorsionSISMA SLD Y	0.	0.
49	49	31	~TorsionSISMA SLD Y	0.	0.
49	49	162	~TorsionSISMA SLO X	0.	0.
49	49	167	~TorsionSISMA SLO X	0.	0.
49	49	36	~TorsionSISMA SLO X	0.	0.
49	49	31	~TorsionSISMA SLO X	0.	0.
49	49	162	~TorsionSISMA SLO Y	0.	0.
49	49	167	~TorsionSISMA SLO Y	0.	0.
49	49	36	~TorsionSISMA SLO Y	0.	0.
49	49	31	~TorsionSISMA SLO Y	0.	0.
50	50	31	G1_K	0.48	3.11
50	50	36	G1_K	0.48	3.11
50	50	168	G1_K	0.48	3.11
50	50	164	G1_K	0.48	3.11
50	50	31	G2_K	-1.11	-0.79
50	50	36	G2_K	-1.11	-0.79
50	50	168	G2_K	-1.11	-0.79
50	50	164	G2_K	-1.11	-0.79
50	50	31	Q_K	0.32	1.97
50	50	36	Q_K	0.32	1.97
50	50	168	Q_K	0.32	1.97
50	50	164	Q_K	0.32	1.97
50	50	31	N_K	3.808E-02	0.24
50	50	36	N_K	3.808E-02	0.24
50	50	168	N_K	3.808E-02	0.24
50	50	164	N_K	3.808E-02	0.24
50	50	31	T+_K	0.	0.
50	50	36	T+_K	0.	0.
50	50	168	T+_K	0.	0.
50	50	164	T+_K	0.	0.
50	50	31	T-_K	0.	0.
50	50	36	T-_K	0.	0.
50	50	168	T-_K	0.	0.
50	50	164	T-_K	0.	0.
50	50	31	G1_D	0.62	4.05
50	50	36	G1_D	0.62	4.05
50	50	168	G1_D	0.62	4.05
50	50	164	G1_D	0.62	4.05
50	50	31	G2_D	-1.45	-1.03
50	50	36	G2_D	-1.45	-1.03
50	50	168	G2_D	-1.45	-1.03

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
50	50	164	G2_D	-1.45	-1.03
50	50	31	Q_D	0.48	2.96
50	50	36	Q_D	0.48	2.96
50	50	168	Q_D	0.48	2.96
50	50	164	Q_D	0.48	2.96
50	50	31	N_D	5.711E-02	0.36
50	50	36	N_D	5.711E-02	0.36
50	50	168	N_D	5.711E-02	0.36
50	50	164	N_D	5.711E-02	0.36
50	50	31	T+_D	0.	0.
50	50	36	T+_D	0.	0.
50	50	168	T+_D	0.	0.
50	50	164	T+_D	0.	0.
50	50	31	T-_D	0.	0.
50	50	36	T-_D	0.	0.
50	50	168	T-_D	0.	0.
50	50	164	T-_D	0.	0.
50	50	31	W+_K	0.	0.
50	50	36	W+_K	0.	0.
50	50	168	W+_K	0.	0.
50	50	164	W+_K	0.	0.
50	50	31	W-_K	0.	0.
50	50	36	W-_K	0.	0.
50	50	168	W-_K	0.	0.
50	50	164	W-_K	0.	0.
50	50	31	W+_D	0.	0.
50	50	36	W+_D	0.	0.
50	50	168	W+_D	0.	0.
50	50	164	W+_D	0.	0.
50	50	31	W-_D	0.	0.
50	50	36	W-_D	0.	0.
50	50	168	W-_D	0.	0.
50	50	164	W-_D	0.	0.
50	50	31	SISMA SLV X	0.4	0.62
50	50	36	SISMA SLV X	0.4	0.62
50	50	168	SISMA SLV X	0.4	0.62
50	50	164	SISMA SLV X	0.4	0.62
50	50	31	SISMA SLV Y	0.51	1.23
50	50	36	SISMA SLV Y	0.51	1.23
50	50	168	SISMA SLV Y	0.51	1.23
50	50	164	SISMA SLV Y	0.51	1.23
50	50	31	SISMA SLD X	0.19	0.3
50	50	36	SISMA SLD X	0.19	0.3
50	50	168	SISMA SLD X	0.19	0.3
50	50	164	SISMA SLD X	0.19	0.3
50	50	31	SISMA SLD Y	0.25	0.6
50	50	36	SISMA SLD Y	0.25	0.6
50	50	168	SISMA SLD Y	0.25	0.6
50	50	164	SISMA SLD Y	0.25	0.6
50	50	31	SISMA SLO X	0.16	0.25
50	50	36	SISMA SLO X	0.16	0.25
50	50	168	SISMA SLO X	0.16	0.25
50	50	164	SISMA SLO X	0.16	0.25
50	50	31	SISMA SLO Y	0.21	0.5

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
50	50	36	SISMA SLO Y	0.21	0.5
50	50	168	SISMA SLO Y	0.21	0.5
50	50	164	SISMA SLO Y	0.21	0.5
50	50	31	SLT	0.	0.
50	50	36	SLT	0.	0.
50	50	168	SLT	0.	0.
50	50	164	SLT	0.	0.
50	50	31	~TorsionSISMA SLV X	0.	0.
50	50	36	~TorsionSISMA SLV X	0.	0.
50	50	168	~TorsionSISMA SLV X	0.	0.
50	50	164	~TorsionSISMA SLV X	0.	0.
50	50	31	~TorsionSISMA SLV Y	0.	0.
50	50	36	~TorsionSISMA SLV Y	0.	0.
50	50	168	~TorsionSISMA SLV Y	0.	0.
50	50	164	~TorsionSISMA SLV Y	0.	0.
50	50	31	~TorsionSISMA SLD X	0.	0.
50	50	36	~TorsionSISMA SLD X	0.	0.
50	50	168	~TorsionSISMA SLD X	0.	0.
50	50	164	~TorsionSISMA SLD X	0.	0.
50	50	31	~TorsionSISMA SLD Y	0.	0.
50	50	36	~TorsionSISMA SLD Y	0.	0.
50	50	168	~TorsionSISMA SLD Y	0.	0.
50	50	164	~TorsionSISMA SLD Y	0.	0.
50	50	31	~TorsionSISMA SLO X	0.	0.
50	50	36	~TorsionSISMA SLO X	0.	0.
50	50	168	~TorsionSISMA SLO X	0.	0.
50	50	164	~TorsionSISMA SLO X	0.	0.
50	50	31	~TorsionSISMA SLO Y	0.	0.
50	50	36	~TorsionSISMA SLO Y	0.	0.
50	50	168	~TorsionSISMA SLO Y	0.	0.
50	50	164	~TorsionSISMA SLO Y	0.	0.
51	51	164	G1_K	0.81	3.72
51	51	168	G1_K	0.81	3.72
51	51	37	G1_K	0.81	3.72
51	51	33	G1_K	0.81	3.72

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
51	51	164	G2_K	-1.12	-1.51
51	51	168	G2_K	-1.12	-1.51
51	51	37	G2_K	-1.12	-1.51
51	51	33	G2_K	-1.12	-1.51
51	51	164	Q_K	0.53	2.38
51	51	168	Q_K	0.53	2.38
51	51	37	Q_K	0.53	2.38
51	51	33	Q_K	0.53	2.38
51	51	164	N_K	6.375E-02	0.29
51	51	168	N_K	6.375E-02	0.29
51	51	37	N_K	6.375E-02	0.29
51	51	33	N_K	6.375E-02	0.29
51	51	164	T+_K	0.	0.
51	51	168	T+_K	0.	0.
51	51	37	T+_K	0.	0.
51	51	33	T+_K	0.	0.
51	51	164	T-_K	0.	0.
51	51	168	T-_K	0.	0.
51	51	37	T-_K	0.	0.
51	51	33	T-_K	0.	0.
51	51	164	G1_D	1.06	4.83
51	51	168	G1_D	1.06	4.83
51	51	37	G1_D	1.06	4.83
51	51	33	G1_D	1.06	4.83
51	51	164	G2_D	-1.45	-1.97
51	51	168	G2_D	-1.45	-1.97
51	51	37	G2_D	-1.45	-1.97
51	51	33	G2_D	-1.45	-1.97
51	51	164	Q_D	0.8	3.57
51	51	168	Q_D	0.8	3.57
51	51	37	Q_D	0.8	3.57
51	51	33	Q_D	0.8	3.57
51	51	164	N_D	9.563E-02	0.43
51	51	168	N_D	9.563E-02	0.43
51	51	37	N_D	9.563E-02	0.43
51	51	33	N_D	9.563E-02	0.43
51	51	164	T+_D	0.	0.
51	51	168	T+_D	0.	0.
51	51	37	T+_D	0.	0.
51	51	33	T+_D	0.	0.
51	51	164	T-_D	0.	0.
51	51	168	T-_D	0.	0.
51	51	37	T-_D	0.	0.
51	51	33	T-_D	0.	0.
51	51	164	W+_K	0.	0.
51	51	168	W+_K	0.	0.
51	51	37	W+_K	0.	0.
51	51	33	W+_K	0.	0.
51	51	164	W-_K	0.	0.
51	51	168	W-_K	0.	0.
51	51	37	W-_K	0.	0.
51	51	33	W-_K	0.	0.
51	51	164	W+_D	0.	0.
51	51	168	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
51	51	37	W+_D	0.	0.
51	51	33	W+_D	0.	0.
51	51	164	W-_D	0.	0.
51	51	168	W-_D	0.	0.
51	51	37	W-_D	0.	0.
51	51	33	W-_D	0.	0.
51	51	164	SISMA SLV X	0.37	0.74
51	51	168	SISMA SLV X	0.37	0.74
51	51	37	SISMA SLV X	0.37	0.74
51	51	33	SISMA SLV X	0.37	0.74
51	51	164	SISMA SLV Y	0.43	1.44
51	51	168	SISMA SLV Y	0.43	1.44
51	51	37	SISMA SLV Y	0.43	1.44
51	51	33	SISMA SLV Y	0.43	1.44
51	51	164	SISMA SLD X	0.18	0.36
51	51	168	SISMA SLD X	0.18	0.36
51	51	37	SISMA SLD X	0.18	0.36
51	51	33	SISMA SLD X	0.18	0.36
51	51	164	SISMA SLD Y	0.21	0.7
51	51	168	SISMA SLD Y	0.21	0.7
51	51	37	SISMA SLD Y	0.21	0.7
51	51	33	SISMA SLD Y	0.21	0.7
51	51	164	SISMA SLO X	0.15	0.3
51	51	168	SISMA SLO X	0.15	0.3
51	51	37	SISMA SLO X	0.15	0.3
51	51	33	SISMA SLO X	0.15	0.3
51	51	164	SISMA SLO Y	0.17	0.58
51	51	168	SISMA SLO Y	0.17	0.58
51	51	37	SISMA SLO Y	0.17	0.58
51	51	33	SISMA SLO Y	0.17	0.58
51	51	164	SLT	0.	0.
51	51	168	SLT	0.	0.
51	51	37	SLT	0.	0.
51	51	33	SLT	0.	0.
51	51	164	~TorsionSISMA SLV X	0.	0.
51	51	168	~TorsionSISMA SLV X	0.	0.
51	51	37	~TorsionSISMA SLV X	0.	0.
51	51	33	~TorsionSISMA SLV X	0.	0.
51	51	164	~TorsionSISMA SLV Y	0.	0.
51	51	168	~TorsionSISMA SLV Y	0.	0.
51	51	37	~TorsionSISMA SLV Y	0.	0.
51	51	33	~TorsionSISMA SLV Y	0.	0.
51	51	164	~TorsionSISMA SLD X	0.	0.
51	51	168	~TorsionSISMA SLD X	0.	0.
51	51	37	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
51	51	33	~TorsionSISMA SLD X	0.	0.
51	51	164	~TorsionSISMA SLD Y	0.	0.
51	51	168	~TorsionSISMA SLD Y	0.	0.
51	51	37	~TorsionSISMA SLD Y	0.	0.
51	51	33	~TorsionSISMA SLD Y	0.	0.
51	51	164	~TorsionSISMA SLO X	0.	0.
51	51	168	~TorsionSISMA SLO X	0.	0.
51	51	37	~TorsionSISMA SLO X	0.	0.
51	51	33	~TorsionSISMA SLO X	0.	0.
51	51	164	~TorsionSISMA SLO Y	0.	0.
51	51	168	~TorsionSISMA SLO Y	0.	0.
51	51	37	~TorsionSISMA SLO Y	0.	0.
51	51	33	~TorsionSISMA SLO Y	0.	0.
52	52	33	G1_K	1.22	4.45
52	52	37	G1_K	1.22	4.45
52	52	117	G1_K	1.22	4.45
52	52	119	G1_K	1.22	4.45
52	52	33	G2_K	-0.72	-2.42
52	52	37	G2_K	-0.72	-2.42
52	52	117	G2_K	-0.72	-2.42
52	52	119	G2_K	-0.72	-2.42
52	52	33	Q_K	0.78	2.86
52	52	37	Q_K	0.78	2.86
52	52	117	Q_K	0.78	2.86
52	52	119	Q_K	0.78	2.86
52	52	33	N_K	9.415E-02	0.34
52	52	37	N_K	9.415E-02	0.34
52	52	117	N_K	9.415E-02	0.34
52	52	119	N_K	9.415E-02	0.34
52	52	33	T+_K	0.	0.
52	52	37	T+_K	0.	0.
52	52	117	T+_K	0.	0.
52	52	119	T+_K	0.	0.
52	52	33	T-_K	0.	0.
52	52	37	T-_K	0.	0.
52	52	117	T-_K	0.	0.
52	52	119	T-_K	0.	0.
52	52	33	G1_D	1.59	5.79
52	52	37	G1_D	1.59	5.79
52	52	117	G1_D	1.59	5.79
52	52	119	G1_D	1.59	5.79
52	52	33	G2_D	-0.93	-3.14
52	52	37	G2_D	-0.93	-3.14
52	52	117	G2_D	-0.93	-3.14

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
52	52	119	G2_D	-0.93	-3.14
52	52	33	Q_D	1.18	4.29
52	52	37	Q_D	1.18	4.29
52	52	117	Q_D	1.18	4.29
52	52	119	Q_D	1.18	4.29
52	52	33	N_D	0.14	0.52
52	52	37	N_D	0.14	0.52
52	52	117	N_D	0.14	0.52
52	52	119	N_D	0.14	0.52
52	52	33	T+_D	0.	0.
52	52	37	T+_D	0.	0.
52	52	117	T+_D	0.	0.
52	52	119	T+_D	0.	0.
52	52	33	T-_D	0.	0.
52	52	37	T-_D	0.	0.
52	52	117	T-_D	0.	0.
52	52	119	T-_D	0.	0.
52	52	33	W+_K	0.	0.
52	52	37	W+_K	0.	0.
52	52	117	W+_K	0.	0.
52	52	119	W+_K	0.	0.
52	52	33	W-_K	0.	0.
52	52	37	W-_K	0.	0.
52	52	117	W-_K	0.	0.
52	52	119	W-_K	0.	0.
52	52	33	W+_D	0.	0.
52	52	37	W+_D	0.	0.
52	52	117	W+_D	0.	0.
52	52	119	W+_D	0.	0.
52	52	33	W-_D	0.	0.
52	52	37	W-_D	0.	0.
52	52	117	W-_D	0.	0.
52	52	119	W-_D	0.	0.
52	52	33	SISMA SLV X	0.24	1.77
52	52	37	SISMA SLV X	0.24	1.77
52	52	117	SISMA SLV X	0.24	1.77
52	52	119	SISMA SLV X	0.24	1.77
52	52	33	SISMA SLV Y	0.17	3.82
52	52	37	SISMA SLV Y	0.17	3.82
52	52	117	SISMA SLV Y	0.17	3.82
52	52	119	SISMA SLV Y	0.17	3.82
52	52	33	SISMA SLD X	0.12	0.86
52	52	37	SISMA SLD X	0.12	0.86
52	52	117	SISMA SLD X	0.12	0.86
52	52	119	SISMA SLD X	0.12	0.86
52	52	33	SISMA SLD Y	8.143E-02	1.86
52	52	37	SISMA SLD Y	8.143E-02	1.86
52	52	117	SISMA SLD Y	8.143E-02	1.86
52	52	119	SISMA SLD Y	8.143E-02	1.86
52	52	33	SISMA SLO X	9.779E-02	0.71
52	52	37	SISMA SLO X	9.779E-02	0.71
52	52	117	SISMA SLO X	9.779E-02	0.71
52	52	119	SISMA SLO X	9.779E-02	0.71
52	52	33	SISMA SLO Y	6.721E-02	1.54

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
52	52	37	SISMA SLO Y	6.721E-02	1.54
52	52	117	SISMA SLO Y	6.721E-02	1.54
52	52	119	SISMA SLO Y	6.721E-02	1.54
52	52	33	SLT	0.	0.
52	52	37	SLT	0.	0.
52	52	117	SLT	0.	0.
52	52	119	SLT	0.	0.
52	52	33	~TorsionSISMA SLV X	0.	0.
52	52	37	~TorsionSISMA SLV X	0.	0.
52	52	117	~TorsionSISMA SLV X	0.	0.
52	52	119	~TorsionSISMA SLV X	0.	0.
52	52	33	~TorsionSISMA SLV Y	0.	0.
52	52	37	~TorsionSISMA SLV Y	0.	0.
52	52	117	~TorsionSISMA SLV Y	0.	0.
52	52	119	~TorsionSISMA SLV Y	0.	0.
52	52	33	~TorsionSISMA SLD X	0.	0.
52	52	37	~TorsionSISMA SLD X	0.	0.
52	52	117	~TorsionSISMA SLD X	0.	0.
52	52	119	~TorsionSISMA SLD X	0.	0.
52	52	33	~TorsionSISMA SLD Y	0.	0.
52	52	37	~TorsionSISMA SLD Y	0.	0.
52	52	117	~TorsionSISMA SLD Y	0.	0.
52	52	119	~TorsionSISMA SLD Y	0.	0.
52	52	33	~TorsionSISMA SLO X	0.	0.
52	52	37	~TorsionSISMA SLO X	0.	0.
52	52	117	~TorsionSISMA SLO X	0.	0.
52	52	119	~TorsionSISMA SLO X	0.	0.
52	52	33	~TorsionSISMA SLO Y	0.	0.
52	52	37	~TorsionSISMA SLO Y	0.	0.
52	52	117	~TorsionSISMA SLO Y	0.	0.
52	52	119	~TorsionSISMA SLO Y	0.	0.
53	53	166	G1_K	1.572E-02	2.3
53	53	169	G1_K	1.572E-02	2.3
53	53	38	G1_K	1.572E-02	2.3
53	53	35	G1_K	1.572E-02	2.3

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
53	53	166	G2_K	8.178E-02	-0.33
53	53	169	G2_K	8.178E-02	-0.33
53	53	38	G2_K	8.178E-02	-0.33
53	53	35	G2_K	8.178E-02	-0.33
53	53	166	Q_K	1.403E-02	1.36
53	53	169	Q_K	1.403E-02	1.36
53	53	38	Q_K	1.403E-02	1.36
53	53	35	Q_K	1.403E-02	1.36
53	53	166	N_K	1.684E-03	0.16
53	53	169	N_K	1.684E-03	0.16
53	53	38	N_K	1.684E-03	0.16
53	53	35	N_K	1.684E-03	0.16
53	53	166	T+_K	0.	0.
53	53	169	T+_K	0.	0.
53	53	38	T+_K	0.	0.
53	53	35	T+_K	0.	0.
53	53	166	T-_K	0.	0.
53	53	169	T-_K	0.	0.
53	53	38	T-_K	0.	0.
53	53	35	T-_K	0.	0.
53	53	166	G1_D	2.043E-02	2.99
53	53	169	G1_D	2.043E-02	2.99
53	53	38	G1_D	2.043E-02	2.99
53	53	35	G1_D	2.043E-02	2.99
53	53	166	G2_D	0.11	-0.43
53	53	169	G2_D	0.11	-0.43
53	53	38	G2_D	0.11	-0.43
53	53	35	G2_D	0.11	-0.43
53	53	166	Q_D	2.105E-02	2.05
53	53	169	Q_D	2.105E-02	2.05
53	53	38	Q_D	2.105E-02	2.05
53	53	35	Q_D	2.105E-02	2.05
53	53	166	N_D	2.526E-03	0.25
53	53	169	N_D	2.526E-03	0.25
53	53	38	N_D	2.526E-03	0.25
53	53	35	N_D	2.526E-03	0.25
53	53	166	T+_D	0.	0.
53	53	169	T+_D	0.	0.
53	53	38	T+_D	0.	0.
53	53	35	T+_D	0.	0.
53	53	166	T-_D	0.	0.
53	53	169	T-_D	0.	0.
53	53	38	T-_D	0.	0.
53	53	35	T-_D	0.	0.
53	53	166	W+_K	0.	0.
53	53	169	W+_K	0.	0.
53	53	38	W+_K	0.	0.
53	53	35	W+_K	0.	0.
53	53	166	W-_K	0.	0.
53	53	169	W-_K	0.	0.
53	53	38	W-_K	0.	0.
53	53	35	W-_K	0.	0.
53	53	166	W+_D	0.	0.
53	53	169	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
53	53	38	W+_D	0.	0.
53	53	35	W+_D	0.	0.
53	53	166	W-_D	0.	0.
53	53	169	W-_D	0.	0.
53	53	38	W-_D	0.	0.
53	53	35	W-_D	0.	0.
53	53	166	SISMA SLV X	3.703E-02	2.21
53	53	169	SISMA SLV X	3.703E-02	2.21
53	53	38	SISMA SLV X	3.703E-02	2.21
53	53	35	SISMA SLV X	3.703E-02	2.21
53	53	166	SISMA SLV Y	2.579E-02	4.74
53	53	169	SISMA SLV Y	2.579E-02	4.74
53	53	38	SISMA SLV Y	2.579E-02	4.74
53	53	35	SISMA SLV Y	2.579E-02	4.74
53	53	166	SISMA SLD X	1.808E-02	1.08
53	53	169	SISMA SLD X	1.808E-02	1.08
53	53	38	SISMA SLD X	1.808E-02	1.08
53	53	35	SISMA SLD X	1.808E-02	1.08
53	53	166	SISMA SLD Y	1.259E-02	2.31
53	53	169	SISMA SLD Y	1.259E-02	2.31
53	53	38	SISMA SLD Y	1.259E-02	2.31
53	53	35	SISMA SLD Y	1.259E-02	2.31
53	53	166	SISMA SLO X	1.494E-02	0.89
53	53	169	SISMA SLO X	1.494E-02	0.89
53	53	38	SISMA SLO X	1.494E-02	0.89
53	53	35	SISMA SLO X	1.494E-02	0.89
53	53	166	SISMA SLO Y	1.039E-02	1.91
53	53	169	SISMA SLO Y	1.039E-02	1.91
53	53	38	SISMA SLO Y	1.039E-02	1.91
53	53	35	SISMA SLO Y	1.039E-02	1.91
53	53	166	SLT	0.	0.
53	53	169	SLT	0.	0.
53	53	38	SLT	0.	0.
53	53	35	SLT	0.	0.
53	53	166	~TorsionSISMA SLV X	0.	0.
53	53	169	~TorsionSISMA SLV X	0.	0.
53	53	38	~TorsionSISMA SLV X	0.	0.
53	53	35	~TorsionSISMA SLV X	0.	0.
53	53	166	~TorsionSISMA SLV Y	0.	0.
53	53	169	~TorsionSISMA SLV Y	0.	0.
53	53	38	~TorsionSISMA SLV Y	0.	0.
53	53	35	~TorsionSISMA SLV Y	0.	0.
53	53	166	~TorsionSISMA SLD X	0.	0.
53	53	169	~TorsionSISMA SLD X	0.	0.
53	53	38	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
53	53	35	~TorsionSISMA SLD X	0.	0.
53	53	166	~TorsionSISMA SLD Y	0.	0.
53	53	169	~TorsionSISMA SLD Y	0.	0.
53	53	38	~TorsionSISMA SLD Y	0.	0.
53	53	35	~TorsionSISMA SLD Y	0.	0.
53	53	166	~TorsionSISMA SLO X	0.	0.
53	53	169	~TorsionSISMA SLO X	0.	0.
53	53	38	~TorsionSISMA SLO X	0.	0.
53	53	35	~TorsionSISMA SLO X	0.	0.
53	53	166	~TorsionSISMA SLO Y	0.	0.
53	53	169	~TorsionSISMA SLO Y	0.	0.
53	53	38	~TorsionSISMA SLO Y	0.	0.
53	53	35	~TorsionSISMA SLO Y	0.	0.
54	54	35	G1_K	-0.11	2.38
54	54	38	G1_K	-0.11	2.38
54	54	170	G1_K	-0.11	2.38
54	54	167	G1_K	-0.11	2.38
54	54	35	G2_K	-6.916E-02	-0.4
54	54	38	G2_K	-6.916E-02	-0.4
54	54	170	G2_K	-6.916E-02	-0.4
54	54	167	G2_K	-6.916E-02	-0.4
54	54	35	Q_K	-9.677E-02	1.44
54	54	38	Q_K	-9.677E-02	1.44
54	54	170	Q_K	-9.677E-02	1.44
54	54	167	Q_K	-9.677E-02	1.44
54	54	35	N_K	-1.161E-02	0.17
54	54	38	N_K	-1.161E-02	0.17
54	54	170	N_K	-1.161E-02	0.17
54	54	167	N_K	-1.161E-02	0.17
54	54	35	T+_K	0.	0.
54	54	38	T+_K	0.	0.
54	54	170	T+_K	0.	0.
54	54	167	T+_K	0.	0.
54	54	35	T-_K	0.	0.
54	54	38	T-_K	0.	0.
54	54	170	T-_K	0.	0.
54	54	167	T-_K	0.	0.
54	54	35	G1_D	-0.14	3.09
54	54	38	G1_D	-0.14	3.09
54	54	170	G1_D	-0.14	3.09
54	54	167	G1_D	-0.14	3.09
54	54	35	G2_D	-8.991E-02	-0.52
54	54	38	G2_D	-8.991E-02	-0.52
54	54	170	G2_D	-8.991E-02	-0.52

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
54	54	167	G2_D	-8.991E-02	-0.52
54	54	35	Q_D	-0.15	2.16
54	54	38	Q_D	-0.15	2.16
54	54	170	Q_D	-0.15	2.16
54	54	167	Q_D	-0.15	2.16
54	54	35	N_D	-1.742E-02	0.26
54	54	38	N_D	-1.742E-02	0.26
54	54	170	N_D	-1.742E-02	0.26
54	54	167	N_D	-1.742E-02	0.26
54	54	35	T+_D	0.	0.
54	54	38	T+_D	0.	0.
54	54	170	T+_D	0.	0.
54	54	167	T+_D	0.	0.
54	54	35	T-_D	0.	0.
54	54	38	T-_D	0.	0.
54	54	170	T-_D	0.	0.
54	54	167	T-_D	0.	0.
54	54	35	W+_K	0.	0.
54	54	38	W+_K	0.	0.
54	54	170	W+_K	0.	0.
54	54	167	W+_K	0.	0.
54	54	35	W-_K	0.	0.
54	54	38	W-_K	0.	0.
54	54	170	W-_K	0.	0.
54	54	167	W-_K	0.	0.
54	54	35	W+_D	0.	0.
54	54	38	W+_D	0.	0.
54	54	170	W+_D	0.	0.
54	54	167	W+_D	0.	0.
54	54	35	W-_D	0.	0.
54	54	38	W-_D	0.	0.
54	54	170	W-_D	0.	0.
54	54	167	W-_D	0.	0.
54	54	35	SISMA SLV X	0.25	1.98
54	54	38	SISMA SLV X	0.25	1.98
54	54	170	SISMA SLV X	0.25	1.98
54	54	167	SISMA SLV X	0.25	1.98
54	54	35	SISMA SLV Y	0.27	4.2
54	54	38	SISMA SLV Y	0.27	4.2
54	54	170	SISMA SLV Y	0.27	4.2
54	54	167	SISMA SLV Y	0.27	4.2
54	54	35	SISMA SLD X	0.12	0.97
54	54	38	SISMA SLD X	0.12	0.97
54	54	170	SISMA SLD X	0.12	0.97
54	54	167	SISMA SLD X	0.12	0.97
54	54	35	SISMA SLD Y	0.13	2.05
54	54	38	SISMA SLD Y	0.13	2.05
54	54	170	SISMA SLD Y	0.13	2.05
54	54	167	SISMA SLD Y	0.13	2.05
54	54	35	SISMA SLO X	0.1	0.8
54	54	38	SISMA SLO X	0.1	0.8
54	54	170	SISMA SLO X	0.1	0.8
54	54	167	SISMA SLO X	0.1	0.8
54	54	35	SISMA SLO Y	0.11	1.7

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
54	54	38	SISMA SLO Y	0.11	1.7
54	54	170	SISMA SLO Y	0.11	1.7
54	54	167	SISMA SLO Y	0.11	1.7
54	54	35	SLT	0.	0.
54	54	38	SLT	0.	0.
54	54	170	SLT	0.	0.
54	54	167	SLT	0.	0.
54	54	35	~TorsionSISMA SLV X	0.	0.
54	54	38	~TorsionSISMA SLV X	0.	0.
54	54	170	~TorsionSISMA SLV X	0.	0.
54	54	167	~TorsionSISMA SLV X	0.	0.
54	54	35	~TorsionSISMA SLV Y	0.	0.
54	54	38	~TorsionSISMA SLV Y	0.	0.
54	54	170	~TorsionSISMA SLV Y	0.	0.
54	54	167	~TorsionSISMA SLV Y	0.	0.
54	54	35	~TorsionSISMA SLD X	0.	0.
54	54	38	~TorsionSISMA SLD X	0.	0.
54	54	170	~TorsionSISMA SLD X	0.	0.
54	54	167	~TorsionSISMA SLD X	0.	0.
54	54	35	~TorsionSISMA SLD Y	0.	0.
54	54	38	~TorsionSISMA SLD Y	0.	0.
54	54	170	~TorsionSISMA SLD Y	0.	0.
54	54	167	~TorsionSISMA SLD Y	0.	0.
54	54	35	~TorsionSISMA SLO X	0.	0.
54	54	38	~TorsionSISMA SLO X	0.	0.
54	54	170	~TorsionSISMA SLO X	0.	0.
54	54	167	~TorsionSISMA SLO X	0.	0.
54	54	35	~TorsionSISMA SLO Y	0.	0.
54	54	38	~TorsionSISMA SLO Y	0.	0.
54	54	170	~TorsionSISMA SLO Y	0.	0.
54	54	167	~TorsionSISMA SLO Y	0.	0.
55	55	167	G1_K	-0.33	2.65
55	55	170	G1_K	-0.33	2.65
55	55	39	G1_K	-0.33	2.65
55	55	36	G1_K	-0.33	2.65

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
55	55	167	G2_K	-0.22	-0.63
55	55	170	G2_K	-0.22	-0.63
55	55	39	G2_K	-0.22	-0.63
55	55	36	G2_K	-0.22	-0.63
55	55	167	Q_K	-0.23	1.65
55	55	170	Q_K	-0.23	1.65
55	55	39	Q_K	-0.23	1.65
55	55	36	Q_K	-0.23	1.65
55	55	167	N_K	-2.760E-02	0.2
55	55	170	N_K	-2.760E-02	0.2
55	55	39	N_K	-2.760E-02	0.2
55	55	36	N_K	-2.760E-02	0.2
55	55	167	T+_K	0.	0.
55	55	170	T+_K	0.	0.
55	55	39	T+_K	0.	0.
55	55	36	T+_K	0.	0.
55	55	167	T-_K	0.	0.
55	55	170	T-_K	0.	0.
55	55	39	T-_K	0.	0.
55	55	36	T-_K	0.	0.
55	55	167	G1_D	-0.43	3.44
55	55	170	G1_D	-0.43	3.44
55	55	39	G1_D	-0.43	3.44
55	55	36	G1_D	-0.43	3.44
55	55	167	G2_D	-0.28	-0.82
55	55	170	G2_D	-0.28	-0.82
55	55	39	G2_D	-0.28	-0.82
55	55	36	G2_D	-0.28	-0.82
55	55	167	Q_D	-0.34	2.47
55	55	170	Q_D	-0.34	2.47
55	55	39	Q_D	-0.34	2.47
55	55	36	Q_D	-0.34	2.47
55	55	167	N_D	-4.140E-02	0.3
55	55	170	N_D	-4.140E-02	0.3
55	55	39	N_D	-4.140E-02	0.3
55	55	36	N_D	-4.140E-02	0.3
55	55	167	T+_D	0.	0.
55	55	170	T+_D	0.	0.
55	55	39	T+_D	0.	0.
55	55	36	T+_D	0.	0.
55	55	167	T-_D	0.	0.
55	55	170	T-_D	0.	0.
55	55	39	T-_D	0.	0.
55	55	36	T-_D	0.	0.
55	55	167	W+_K	0.	0.
55	55	170	W+_K	0.	0.
55	55	39	W+_K	0.	0.
55	55	36	W+_K	0.	0.
55	55	167	W-_K	0.	0.
55	55	170	W-_K	0.	0.
55	55	39	W-_K	0.	0.
55	55	36	W-_K	0.	0.
55	55	167	W+_D	0.	0.
55	55	170	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
55	55	39	W+_D	0.	0.
55	55	36	W+_D	0.	0.
55	55	167	W-_D	0.	0.
55	55	170	W-_D	0.	0.
55	55	39	W-_D	0.	0.
55	55	36	W-_D	0.	0.
55	55	167	SISMA SLV X	0.42	1.41
55	55	170	SISMA SLV X	0.42	1.41
55	55	39	SISMA SLV X	0.42	1.41
55	55	36	SISMA SLV X	0.42	1.41
55	55	167	SISMA SLV Y	0.49	2.96
55	55	170	SISMA SLV Y	0.49	2.96
55	55	39	SISMA SLV Y	0.49	2.96
55	55	36	SISMA SLV Y	0.49	2.96
55	55	167	SISMA SLD X	0.21	0.69
55	55	170	SISMA SLD X	0.21	0.69
55	55	39	SISMA SLD X	0.21	0.69
55	55	36	SISMA SLD X	0.21	0.69
55	55	167	SISMA SLD Y	0.24	1.44
55	55	170	SISMA SLD Y	0.24	1.44
55	55	39	SISMA SLD Y	0.24	1.44
55	55	36	SISMA SLD Y	0.24	1.44
55	55	167	SISMA SLO X	0.17	0.57
55	55	170	SISMA SLO X	0.17	0.57
55	55	39	SISMA SLO X	0.17	0.57
55	55	36	SISMA SLO X	0.17	0.57
55	55	167	SISMA SLO Y	0.2	1.2
55	55	170	SISMA SLO Y	0.2	1.2
55	55	39	SISMA SLO Y	0.2	1.2
55	55	36	SISMA SLO Y	0.2	1.2
55	55	167	SLT	0.	0.
55	55	170	SLT	0.	0.
55	55	39	SLT	0.	0.
55	55	36	SLT	0.	0.
55	55	167	~TorsionSISMA SLV X	0.	0.
55	55	170	~TorsionSISMA SLV X	0.	0.
55	55	39	~TorsionSISMA SLV X	0.	0.
55	55	36	~TorsionSISMA SLV X	0.	0.
55	55	167	~TorsionSISMA SLV Y	0.	0.
55	55	170	~TorsionSISMA SLV Y	0.	0.
55	55	39	~TorsionSISMA SLV Y	0.	0.
55	55	36	~TorsionSISMA SLV Y	0.	0.
55	55	167	~TorsionSISMA SLD X	0.	0.
55	55	170	~TorsionSISMA SLD X	0.	0.
55	55	39	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
55	55	36	~TorsionSISMA SLD X	0.	0.
55	55	167	~TorsionSISMA SLD Y	0.	0.
55	55	170	~TorsionSISMA SLD Y	0.	0.
55	55	39	~TorsionSISMA SLD Y	0.	0.
55	55	36	~TorsionSISMA SLD Y	0.	0.
55	55	167	~TorsionSISMA SLO X	0.	0.
55	55	170	~TorsionSISMA SLO X	0.	0.
55	55	39	~TorsionSISMA SLO X	0.	0.
55	55	36	~TorsionSISMA SLO X	0.	0.
55	55	167	~TorsionSISMA SLO Y	0.	0.
55	55	170	~TorsionSISMA SLO Y	0.	0.
55	55	39	~TorsionSISMA SLO Y	0.	0.
55	55	36	~TorsionSISMA SLO Y	0.	0.
56	56	36	G1_K	-0.46	3.1
56	56	39	G1_K	-0.46	3.1
56	56	171	G1_K	-0.46	3.1
56	56	168	G1_K	-0.46	3.1
56	56	36	G2_K	-0.21	-0.89
56	56	39	G2_K	-0.21	-0.89
56	56	171	G2_K	-0.21	-0.89
56	56	168	G2_K	-0.21	-0.89
56	56	36	Q_K	-0.31	1.96
56	56	39	Q_K	-0.31	1.96
56	56	171	Q_K	-0.31	1.96
56	56	168	Q_K	-0.31	1.96
56	56	36	N_K	-3.725E-02	0.24
56	56	39	N_K	-3.725E-02	0.24
56	56	171	N_K	-3.725E-02	0.24
56	56	168	N_K	-3.725E-02	0.24
56	56	36	T+_K	0.	0.
56	56	39	T+_K	0.	0.
56	56	171	T+_K	0.	0.
56	56	168	T+_K	0.	0.
56	56	36	T-_K	0.	0.
56	56	39	T-_K	0.	0.
56	56	171	T-_K	0.	0.
56	56	168	T-_K	0.	0.
56	56	36	G1_D	-0.6	4.03
56	56	39	G1_D	-0.6	4.03
56	56	171	G1_D	-0.6	4.03
56	56	168	G1_D	-0.6	4.03
56	56	36	G2_D	-0.28	-1.15
56	56	39	G2_D	-0.28	-1.15
56	56	171	G2_D	-0.28	-1.15

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
56	56	168	G2_D	-0.28	-1.15
56	56	36	Q_D	-0.47	2.94
56	56	39	Q_D	-0.47	2.94
56	56	171	Q_D	-0.47	2.94
56	56	168	Q_D	-0.47	2.94
56	56	36	N_D	-5.588E-02	0.35
56	56	39	N_D	-5.588E-02	0.35
56	56	171	N_D	-5.588E-02	0.35
56	56	168	N_D	-5.588E-02	0.35
56	56	36	T+_D	0.	0.
56	56	39	T+_D	0.	0.
56	56	171	T+_D	0.	0.
56	56	168	T+_D	0.	0.
56	56	36	T-_D	0.	0.
56	56	39	T-_D	0.	0.
56	56	171	T-_D	0.	0.
56	56	168	T-_D	0.	0.
56	56	36	W+_K	0.	0.
56	56	39	W+_K	0.	0.
56	56	171	W+_K	0.	0.
56	56	168	W+_K	0.	0.
56	56	36	W-_K	0.	0.
56	56	39	W-_K	0.	0.
56	56	171	W-_K	0.	0.
56	56	168	W-_K	0.	0.
56	56	36	W+_D	0.	0.
56	56	39	W+_D	0.	0.
56	56	171	W+_D	0.	0.
56	56	168	W+_D	0.	0.
56	56	36	W-_D	0.	0.
56	56	39	W-_D	0.	0.
56	56	171	W-_D	0.	0.
56	56	168	W-_D	0.	0.
56	56	36	SISMA SLV X	0.51	0.62
56	56	39	SISMA SLV X	0.51	0.62
56	56	171	SISMA SLV X	0.51	0.62
56	56	168	SISMA SLV X	0.51	0.62
56	56	36	SISMA SLV Y	0.58	1.2
56	56	39	SISMA SLV Y	0.58	1.2
56	56	171	SISMA SLV Y	0.58	1.2
56	56	168	SISMA SLV Y	0.58	1.2
56	56	36	SISMA SLD X	0.25	0.3
56	56	39	SISMA SLD X	0.25	0.3
56	56	171	SISMA SLD X	0.25	0.3
56	56	168	SISMA SLD X	0.25	0.3
56	56	36	SISMA SLD Y	0.28	0.58
56	56	39	SISMA SLD Y	0.28	0.58
56	56	171	SISMA SLD Y	0.28	0.58
56	56	168	SISMA SLD Y	0.28	0.58
56	56	36	SISMA SLO X	0.2	0.25
56	56	39	SISMA SLO X	0.2	0.25
56	56	171	SISMA SLO X	0.2	0.25
56	56	168	SISMA SLO X	0.2	0.25
56	56	36	SISMA SLO Y	0.24	0.48

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
56	56	39	SISMA SLO Y	0.24	0.48
56	56	171	SISMA SLO Y	0.24	0.48
56	56	168	SISMA SLO Y	0.24	0.48
56	56	36	SLT	0.	0.
56	56	39	SLT	0.	0.
56	56	171	SLT	0.	0.
56	56	168	SLT	0.	0.
56	56	36	~TorsionSISMA SLV X	0.	0.
56	56	39	~TorsionSISMA SLV X	0.	0.
56	56	171	~TorsionSISMA SLV X	0.	0.
56	56	168	~TorsionSISMA SLV X	0.	0.
56	56	36	~TorsionSISMA SLV Y	0.	0.
56	56	39	~TorsionSISMA SLV Y	0.	0.
56	56	171	~TorsionSISMA SLV Y	0.	0.
56	56	168	~TorsionSISMA SLV Y	0.	0.
56	56	36	~TorsionSISMA SLD X	0.	0.
56	56	39	~TorsionSISMA SLD X	0.	0.
56	56	171	~TorsionSISMA SLD X	0.	0.
56	56	168	~TorsionSISMA SLD X	0.	0.
56	56	36	~TorsionSISMA SLD Y	0.	0.
56	56	39	~TorsionSISMA SLD Y	0.	0.
56	56	171	~TorsionSISMA SLD Y	0.	0.
56	56	168	~TorsionSISMA SLD Y	0.	0.
56	56	36	~TorsionSISMA SLO X	0.	0.
56	56	39	~TorsionSISMA SLO X	0.	0.
56	56	171	~TorsionSISMA SLO X	0.	0.
56	56	168	~TorsionSISMA SLO X	0.	0.
56	56	36	~TorsionSISMA SLO Y	0.	0.
56	56	39	~TorsionSISMA SLO Y	0.	0.
56	56	171	~TorsionSISMA SLO Y	0.	0.
56	56	168	~TorsionSISMA SLO Y	0.	0.
57	57	168	G1_K	-0.79	3.75
57	57	171	G1_K	-0.79	3.75
57	57	40	G1_K	-0.79	3.75
57	57	37	G1_K	-0.79	3.75

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
57	57	168	G2_K	-8.906E-03	-1.17
57	57	171	G2_K	-8.906E-03	-1.17
57	57	40	G2_K	-8.906E-03	-1.17
57	57	37	G2_K	-8.906E-03	-1.17
57	57	168	Q_K	-0.52	2.39
57	57	171	Q_K	-0.52	2.39
57	57	40	Q_K	-0.52	2.39
57	57	37	Q_K	-0.52	2.39
57	57	168	N_K	-6.240E-02	0.29
57	57	171	N_K	-6.240E-02	0.29
57	57	40	N_K	-6.240E-02	0.29
57	57	37	N_K	-6.240E-02	0.29
57	57	168	T+_K	0.	0.
57	57	171	T+_K	0.	0.
57	57	40	T+_K	0.	0.
57	57	37	T+_K	0.	0.
57	57	168	T-_K	0.	0.
57	57	171	T-_K	0.	0.
57	57	40	T-_K	0.	0.
57	57	37	T-_K	0.	0.
57	57	168	G1_D	-1.02	4.87
57	57	171	G1_D	-1.02	4.87
57	57	40	G1_D	-1.02	4.87
57	57	37	G1_D	-1.02	4.87
57	57	168	G2_D	-1.158E-02	-1.52
57	57	171	G2_D	-1.158E-02	-1.52
57	57	40	G2_D	-1.158E-02	-1.52
57	57	37	G2_D	-1.158E-02	-1.52
57	57	168	Q_D	-0.78	3.59
57	57	171	Q_D	-0.78	3.59
57	57	40	Q_D	-0.78	3.59
57	57	37	Q_D	-0.78	3.59
57	57	168	N_D	-9.359E-02	0.43
57	57	171	N_D	-9.359E-02	0.43
57	57	40	N_D	-9.359E-02	0.43
57	57	37	N_D	-9.359E-02	0.43
57	57	168	T+_D	0.	0.
57	57	171	T+_D	0.	0.
57	57	40	T+_D	0.	0.
57	57	37	T+_D	0.	0.
57	57	168	T-_D	0.	0.
57	57	171	T-_D	0.	0.
57	57	40	T-_D	0.	0.
57	57	37	T-_D	0.	0.
57	57	168	W+_K	0.	0.
57	57	171	W+_K	0.	0.
57	57	40	W+_K	0.	0.
57	57	37	W+_K	0.	0.
57	57	168	W-_K	0.	0.
57	57	171	W-_K	0.	0.
57	57	40	W-_K	0.	0.
57	57	37	W-_K	0.	0.
57	57	168	W+_D	0.	0.
57	57	171	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
57	57	40	W+_D	0.	0.
57	57	37	W+_D	0.	0.
57	57	168	W-_D	0.	0.
57	57	171	W-_D	0.	0.
57	57	40	W-_D	0.	0.
57	57	37	W-_D	0.	0.
57	57	168	SISMA SLV X	0.49	0.71
57	57	171	SISMA SLV X	0.49	0.71
57	57	40	SISMA SLV X	0.49	0.71
57	57	37	SISMA SLV X	0.49	0.71
57	57	168	SISMA SLV Y	0.5	1.41
57	57	171	SISMA SLV Y	0.5	1.41
57	57	40	SISMA SLV Y	0.5	1.41
57	57	37	SISMA SLV Y	0.5	1.41
57	57	168	SISMA SLD X	0.24	0.35
57	57	171	SISMA SLD X	0.24	0.35
57	57	40	SISMA SLD X	0.24	0.35
57	57	37	SISMA SLD X	0.24	0.35
57	57	168	SISMA SLD Y	0.24	0.69
57	57	171	SISMA SLD Y	0.24	0.69
57	57	40	SISMA SLD Y	0.24	0.69
57	57	37	SISMA SLD Y	0.24	0.69
57	57	168	SISMA SLO X	0.2	0.29
57	57	171	SISMA SLO X	0.2	0.29
57	57	40	SISMA SLO X	0.2	0.29
57	57	37	SISMA SLO X	0.2	0.29
57	57	168	SISMA SLO Y	0.2	0.57
57	57	171	SISMA SLO Y	0.2	0.57
57	57	40	SISMA SLO Y	0.2	0.57
57	57	37	SISMA SLO Y	0.2	0.57
57	57	168	SLT	0.	0.
57	57	171	SLT	0.	0.
57	57	40	SLT	0.	0.
57	57	37	SLT	0.	0.
57	57	168	~TorsionSISMA SLV X	0.	0.
57	57	171	~TorsionSISMA SLV X	0.	0.
57	57	40	~TorsionSISMA SLV X	0.	0.
57	57	37	~TorsionSISMA SLV X	0.	0.
57	57	168	~TorsionSISMA SLV Y	0.	0.
57	57	171	~TorsionSISMA SLV Y	0.	0.
57	57	40	~TorsionSISMA SLV Y	0.	0.
57	57	37	~TorsionSISMA SLV Y	0.	0.
57	57	168	~TorsionSISMA SLD X	0.	0.
57	57	171	~TorsionSISMA SLD X	0.	0.
57	57	40	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
57	57	37	~TorsionSISMA SLD X	0.	0.
57	57	168	~TorsionSISMA SLD Y	0.	0.
57	57	171	~TorsionSISMA SLD Y	0.	0.
57	57	40	~TorsionSISMA SLD Y	0.	0.
57	57	37	~TorsionSISMA SLD Y	0.	0.
57	57	168	~TorsionSISMA SLO X	0.	0.
57	57	171	~TorsionSISMA SLO X	0.	0.
57	57	40	~TorsionSISMA SLO X	0.	0.
57	57	37	~TorsionSISMA SLO X	0.	0.
57	57	168	~TorsionSISMA SLO Y	0.	0.
57	57	171	~TorsionSISMA SLO Y	0.	0.
57	57	40	~TorsionSISMA SLO Y	0.	0.
57	57	37	~TorsionSISMA SLO Y	0.	0.
58	58	37	G1_K	-1.2	4.44
58	58	40	G1_K	-1.2	4.44
58	58	115	G1_K	-1.2	4.44
58	58	117	G1_K	-1.2	4.44
58	58	37	G2_K	0.35	-1.43
58	58	40	G2_K	0.35	-1.43
58	58	115	G2_K	0.35	-1.43
58	58	117	G2_K	0.35	-1.43
58	58	37	Q_K	-0.78	2.85
58	58	40	Q_K	-0.78	2.85
58	58	115	Q_K	-0.78	2.85
58	58	117	Q_K	-0.78	2.85
58	58	37	N_K	-9.336E-02	0.34
58	58	40	N_K	-9.336E-02	0.34
58	58	115	N_K	-9.336E-02	0.34
58	58	117	N_K	-9.336E-02	0.34
58	58	37	T+_K	0.	0.
58	58	40	T+_K	0.	0.
58	58	115	T+_K	0.	0.
58	58	117	T+_K	0.	0.
58	58	37	T-_K	0.	0.
58	58	40	T-_K	0.	0.
58	58	115	T-_K	0.	0.
58	58	117	T-_K	0.	0.
58	58	37	G1_D	-1.56	5.78
58	58	40	G1_D	-1.56	5.78
58	58	115	G1_D	-1.56	5.78
58	58	117	G1_D	-1.56	5.78
58	58	37	G2_D	0.45	-1.86
58	58	40	G2_D	0.45	-1.86
58	58	115	G2_D	0.45	-1.86

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
58	58	117	G2_D	0.45	-1.86
58	58	37	Q_D	-1.17	4.28
58	58	40	Q_D	-1.17	4.28
58	58	115	Q_D	-1.17	4.28
58	58	117	Q_D	-1.17	4.28
58	58	37	N_D	-0.14	0.51
58	58	40	N_D	-0.14	0.51
58	58	115	N_D	-0.14	0.51
58	58	117	N_D	-0.14	0.51
58	58	37	T+_D	0.	0.
58	58	40	T+_D	0.	0.
58	58	115	T+_D	0.	0.
58	58	117	T+_D	0.	0.
58	58	37	T-_D	0.	0.
58	58	40	T-_D	0.	0.
58	58	115	T-_D	0.	0.
58	58	117	T-_D	0.	0.
58	58	37	W+_K	0.	0.
58	58	40	W+_K	0.	0.
58	58	115	W+_K	0.	0.
58	58	117	W+_K	0.	0.
58	58	37	W-_K	0.	0.
58	58	40	W-_K	0.	0.
58	58	115	W-_K	0.	0.
58	58	117	W-_K	0.	0.
58	58	37	W+_D	0.	0.
58	58	40	W+_D	0.	0.
58	58	115	W+_D	0.	0.
58	58	117	W+_D	0.	0.
58	58	37	W-_D	0.	0.
58	58	40	W-_D	0.	0.
58	58	115	W-_D	0.	0.
58	58	117	W-_D	0.	0.
58	58	37	SISMA SLV X	0.4	1.73
58	58	40	SISMA SLV X	0.4	1.73
58	58	115	SISMA SLV X	0.4	1.73
58	58	117	SISMA SLV X	0.4	1.73
58	58	37	SISMA SLV Y	0.23	3.8
58	58	40	SISMA SLV Y	0.23	3.8
58	58	115	SISMA SLV Y	0.23	3.8
58	58	117	SISMA SLV Y	0.23	3.8
58	58	37	SISMA SLD X	0.2	0.85
58	58	40	SISMA SLD X	0.2	0.85
58	58	115	SISMA SLD X	0.2	0.85
58	58	117	SISMA SLD X	0.2	0.85
58	58	37	SISMA SLD Y	0.11	1.86
58	58	40	SISMA SLD Y	0.11	1.86
58	58	115	SISMA SLD Y	0.11	1.86
58	58	117	SISMA SLD Y	0.11	1.86
58	58	37	SISMA SLO X	0.16	0.7
58	58	40	SISMA SLO X	0.16	0.7
58	58	115	SISMA SLO X	0.16	0.7
58	58	117	SISMA SLO X	0.16	0.7
58	58	37	SISMA SLO Y	9.104E-02	1.54

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
58	58	40	SISMA SLO Y	9.104E-02	1.54
58	58	115	SISMA SLO Y	9.104E-02	1.54
58	58	117	SISMA SLO Y	9.104E-02	1.54
58	58	37	SLT	0.	0.
58	58	40	SLT	0.	0.
58	58	115	SLT	0.	0.
58	58	117	SLT	0.	0.
58	58	37	~TorsionSISMA SLV X	0.	0.
58	58	40	~TorsionSISMA SLV X	0.	0.
58	58	115	~TorsionSISMA SLV X	0.	0.
58	58	117	~TorsionSISMA SLV X	0.	0.
58	58	37	~TorsionSISMA SLV Y	0.	0.
58	58	40	~TorsionSISMA SLV Y	0.	0.
58	58	115	~TorsionSISMA SLV Y	0.	0.
58	58	117	~TorsionSISMA SLV Y	0.	0.
58	58	37	~TorsionSISMA SLD X	0.	0.
58	58	40	~TorsionSISMA SLD X	0.	0.
58	58	115	~TorsionSISMA SLD X	0.	0.
58	58	117	~TorsionSISMA SLD X	0.	0.
58	58	37	~TorsionSISMA SLD Y	0.	0.
58	58	40	~TorsionSISMA SLD Y	0.	0.
58	58	115	~TorsionSISMA SLD Y	0.	0.
58	58	117	~TorsionSISMA SLD Y	0.	0.
58	58	37	~TorsionSISMA SLO X	0.	0.
58	58	40	~TorsionSISMA SLO X	0.	0.
58	58	115	~TorsionSISMA SLO X	0.	0.
58	58	117	~TorsionSISMA SLO X	0.	0.
58	58	37	~TorsionSISMA SLO Y	0.	0.
58	58	40	~TorsionSISMA SLO Y	0.	0.
58	58	115	~TorsionSISMA SLO Y	0.	0.
58	58	117	~TorsionSISMA SLO Y	0.	0.
59	59	169	G1_K	6.214E-02	1.69
59	59	99	G1_K	6.214E-02	1.69
59	59	41	G1_K	6.214E-02	1.69
59	59	38	G1_K	6.214E-02	1.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
59	59	169	G2_K	5.883E-02	-8.262E-02
59	59	99	G2_K	5.883E-02	-8.262E-02
59	59	41	G2_K	5.883E-02	-8.262E-02
59	59	38	G2_K	5.883E-02	-8.262E-02
59	59	169	Q_K	-3.528E-02	0.47
59	59	99	Q_K	-3.528E-02	0.47
59	59	41	Q_K	-3.528E-02	0.47
59	59	38	Q_K	-3.528E-02	0.47
59	59	169	N_K	-4.233E-03	5.626E-02
59	59	99	N_K	-4.233E-03	5.626E-02
59	59	41	N_K	-4.233E-03	5.626E-02
59	59	38	N_K	-4.233E-03	5.626E-02
59	59	169	T+_K	0.	0.
59	59	99	T+_K	0.	0.
59	59	41	T+_K	0.	0.
59	59	38	T+_K	0.	0.
59	59	169	T-_K	0.	0.
59	59	99	T-_K	0.	0.
59	59	41	T-_K	0.	0.
59	59	38	T-_K	0.	0.
59	59	169	G1_D	8.079E-02	2.2
59	59	99	G1_D	8.079E-02	2.2
59	59	41	G1_D	8.079E-02	2.2
59	59	38	G1_D	8.079E-02	2.2
59	59	169	G2_D	7.647E-02	-0.11
59	59	99	G2_D	7.647E-02	-0.11
59	59	41	G2_D	7.647E-02	-0.11
59	59	38	G2_D	7.647E-02	-0.11
59	59	169	Q_D	-5.292E-02	0.7
59	59	99	Q_D	-5.292E-02	0.7
59	59	41	Q_D	-5.292E-02	0.7
59	59	38	Q_D	-5.292E-02	0.7
59	59	169	N_D	-6.350E-03	8.439E-02
59	59	99	N_D	-6.350E-03	8.439E-02
59	59	41	N_D	-6.350E-03	8.439E-02
59	59	38	N_D	-6.350E-03	8.439E-02
59	59	169	T+_D	0.	0.
59	59	99	T+_D	0.	0.
59	59	41	T+_D	0.	0.
59	59	38	T+_D	0.	0.
59	59	169	T-_D	0.	0.
59	59	99	T-_D	0.	0.
59	59	41	T-_D	0.	0.
59	59	38	T-_D	0.	0.
59	59	169	W+_K	0.	0.
59	59	99	W+_K	0.	0.
59	59	41	W+_K	0.	0.
59	59	38	W+_K	0.	0.
59	59	169	W-_K	0.	0.
59	59	99	W-_K	0.	0.
59	59	41	W-_K	0.	0.
59	59	38	W-_K	0.	0.
59	59	169	W+_D	0.	0.
59	59	99	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
59	59	41	W+_D	0.	0.
59	59	38	W+_D	0.	0.
59	59	169	W-_D	0.	0.
59	59	99	W-_D	0.	0.
59	59	41	W-_D	0.	0.
59	59	38	W-_D	0.	0.
59	59	169	SISMA SLV X	8.614E-02	1.8
59	59	99	SISMA SLV X	8.614E-02	1.8
59	59	41	SISMA SLV X	8.614E-02	1.8
59	59	38	SISMA SLV X	8.614E-02	1.8
59	59	169	SISMA SLV Y	7.888E-02	3.79
59	59	99	SISMA SLV Y	7.888E-02	3.79
59	59	41	SISMA SLV Y	7.888E-02	3.79
59	59	38	SISMA SLV Y	7.888E-02	3.79
59	59	169	SISMA SLD X	4.207E-02	0.88
59	59	99	SISMA SLD X	4.207E-02	0.88
59	59	41	SISMA SLD X	4.207E-02	0.88
59	59	38	SISMA SLD X	4.207E-02	0.88
59	59	169	SISMA SLD Y	3.852E-02	1.85
59	59	99	SISMA SLD Y	3.852E-02	1.85
59	59	41	SISMA SLD Y	3.852E-02	1.85
59	59	38	SISMA SLD Y	3.852E-02	1.85
59	59	169	SISMA SLO X	3.483E-02	0.73
59	59	99	SISMA SLO X	3.483E-02	0.73
59	59	41	SISMA SLO X	3.483E-02	0.73
59	59	38	SISMA SLO X	3.483E-02	0.73
59	59	169	SISMA SLO Y	3.186E-02	1.53
59	59	99	SISMA SLO Y	3.186E-02	1.53
59	59	41	SISMA SLO Y	3.186E-02	1.53
59	59	38	SISMA SLO Y	3.186E-02	1.53
59	59	169	SLT	0.	0.
59	59	99	SLT	0.	0.
59	59	41	SLT	0.	0.
59	59	38	SLT	0.	0.
59	59	169	~TorsionSISMA SLV X	0.	0.
59	59	99	~TorsionSISMA SLV X	0.	0.
59	59	41	~TorsionSISMA SLV X	0.	0.
59	59	38	~TorsionSISMA SLV X	0.	0.
59	59	169	~TorsionSISMA SLV Y	0.	0.
59	59	99	~TorsionSISMA SLV Y	0.	0.
59	59	41	~TorsionSISMA SLV Y	0.	0.
59	59	38	~TorsionSISMA SLV Y	0.	0.
59	59	169	~TorsionSISMA SLD X	0.	0.
59	59	99	~TorsionSISMA SLD X	0.	0.
59	59	41	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
59	59	38	~TorsionSISMA SLD X	0.	0.
59	59	169	~TorsionSISMA SLD Y	0.	0.
59	59	99	~TorsionSISMA SLD Y	0.	0.
59	59	41	~TorsionSISMA SLD Y	0.	0.
59	59	38	~TorsionSISMA SLD Y	0.	0.
59	59	169	~TorsionSISMA SLO X	0.	0.
59	59	99	~TorsionSISMA SLO X	0.	0.
59	59	41	~TorsionSISMA SLO X	0.	0.
59	59	38	~TorsionSISMA SLO X	0.	0.
59	59	169	~TorsionSISMA SLO Y	0.	0.
59	59	99	~TorsionSISMA SLO Y	0.	0.
59	59	41	~TorsionSISMA SLO Y	0.	0.
59	59	38	~TorsionSISMA SLO Y	0.	0.
60	60	38	G1_K	-0.36	7.130E-02
60	60	41	G1_K	-0.36	7.130E-02
60	60	152	G1_K	-0.36	7.130E-02
60	60	170	G1_K	-0.36	7.130E-02
60	60	38	G2_K	0.12	-0.43
60	60	41	G2_K	0.12	-0.43
60	60	152	G2_K	0.12	-0.43
60	60	170	G2_K	0.12	-0.43
60	60	38	Q_K	-0.39	7.825E-02
60	60	41	Q_K	-0.39	7.825E-02
60	60	152	Q_K	-0.39	7.825E-02
60	60	170	Q_K	-0.39	7.825E-02
60	60	38	N_K	-4.658E-02	9.390E-03
60	60	41	N_K	-4.658E-02	9.390E-03
60	60	152	N_K	-4.658E-02	9.390E-03
60	60	170	N_K	-4.658E-02	9.390E-03
60	60	38	T+_K	0.	0.
60	60	41	T+_K	0.	0.
60	60	152	T+_K	0.	0.
60	60	170	T+_K	0.	0.
60	60	38	T-_K	0.	0.
60	60	41	T-_K	0.	0.
60	60	152	T-_K	0.	0.
60	60	170	T-_K	0.	0.
60	60	38	G1_D	-0.47	9.269E-02
60	60	41	G1_D	-0.47	9.269E-02
60	60	152	G1_D	-0.47	9.269E-02
60	60	170	G1_D	-0.47	9.269E-02
60	60	38	G2_D	0.16	-0.56
60	60	41	G2_D	0.16	-0.56
60	60	152	G2_D	0.16	-0.56

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
60	60	170	G2_D	0.16	-0.56
60	60	38	Q_D	-0.58	0.12
60	60	41	Q_D	-0.58	0.12
60	60	152	Q_D	-0.58	0.12
60	60	170	Q_D	-0.58	0.12
60	60	38	N_D	-6.987E-02	1.408E-02
60	60	41	N_D	-6.987E-02	1.408E-02
60	60	152	N_D	-6.987E-02	1.408E-02
60	60	170	N_D	-6.987E-02	1.408E-02
60	60	38	T+_D	0.	0.
60	60	41	T+_D	0.	0.
60	60	152	T+_D	0.	0.
60	60	170	T+_D	0.	0.
60	60	38	T-_D	0.	0.
60	60	41	T-_D	0.	0.
60	60	152	T-_D	0.	0.
60	60	170	T-_D	0.	0.
60	60	38	W+_K	0.	0.
60	60	41	W+_K	0.	0.
60	60	152	W+_K	0.	0.
60	60	170	W+_K	0.	0.
60	60	38	W-_K	0.	0.
60	60	41	W-_K	0.	0.
60	60	152	W-_K	0.	0.
60	60	170	W-_K	0.	0.
60	60	38	W+_D	0.	0.
60	60	41	W+_D	0.	0.
60	60	152	W+_D	0.	0.
60	60	170	W+_D	0.	0.
60	60	38	W-_D	0.	0.
60	60	41	W-_D	0.	0.
60	60	152	W-_D	0.	0.
60	60	170	W-_D	0.	0.
60	60	38	SISMA SLV X	0.34	1.17
60	60	41	SISMA SLV X	0.34	1.17
60	60	152	SISMA SLV X	0.34	1.17
60	60	170	SISMA SLV X	0.34	1.17
60	60	38	SISMA SLV Y	0.53	1.76
60	60	41	SISMA SLV Y	0.53	1.76
60	60	152	SISMA SLV Y	0.53	1.76
60	60	170	SISMA SLV Y	0.53	1.76
60	60	38	SISMA SLD X	0.16	0.57
60	60	41	SISMA SLD X	0.16	0.57
60	60	152	SISMA SLD X	0.16	0.57
60	60	170	SISMA SLD X	0.16	0.57
60	60	38	SISMA SLD Y	0.26	0.86
60	60	41	SISMA SLD Y	0.26	0.86
60	60	152	SISMA SLD Y	0.26	0.86
60	60	170	SISMA SLD Y	0.26	0.86
60	60	38	SISMA SLO X	0.14	0.47
60	60	41	SISMA SLO X	0.14	0.47
60	60	152	SISMA SLO X	0.14	0.47
60	60	170	SISMA SLO X	0.14	0.47
60	60	38	SISMA SLO Y	0.21	0.71

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
60	60	41	SISMA SLO Y	0.21	0.71
60	60	152	SISMA SLO Y	0.21	0.71
60	60	170	SISMA SLO Y	0.21	0.71
60	60	38	SLT	0.	0.
60	60	41	SLT	0.	0.
60	60	152	SLT	0.	0.
60	60	170	SLT	0.	0.
60	60	38	~TorsionSISMA SLV X	0.	0.
60	60	41	~TorsionSISMA SLV X	0.	0.
60	60	152	~TorsionSISMA SLV X	0.	0.
60	60	170	~TorsionSISMA SLV X	0.	0.
60	60	38	~TorsionSISMA SLV Y	0.	0.
60	60	41	~TorsionSISMA SLV Y	0.	0.
60	60	152	~TorsionSISMA SLV Y	0.	0.
60	60	170	~TorsionSISMA SLV Y	0.	0.
60	60	38	~TorsionSISMA SLD X	0.	0.
60	60	41	~TorsionSISMA SLD X	0.	0.
60	60	152	~TorsionSISMA SLD X	0.	0.
60	60	170	~TorsionSISMA SLD X	0.	0.
60	60	38	~TorsionSISMA SLD Y	0.	0.
60	60	41	~TorsionSISMA SLD Y	0.	0.
60	60	152	~TorsionSISMA SLD Y	0.	0.
60	60	170	~TorsionSISMA SLD Y	0.	0.
60	60	38	~TorsionSISMA SLO X	0.	0.
60	60	41	~TorsionSISMA SLO X	0.	0.
60	60	152	~TorsionSISMA SLO X	0.	0.
60	60	170	~TorsionSISMA SLO X	0.	0.
60	60	38	~TorsionSISMA SLO Y	0.	0.
60	60	41	~TorsionSISMA SLO Y	0.	0.
60	60	152	~TorsionSISMA SLO Y	0.	0.
60	60	170	~TorsionSISMA SLO Y	0.	0.
61	61	170	G1_K	-1.11	0.28
61	61	152	G1_K	-1.11	0.28
61	61	42	G1_K	-1.11	0.28
61	61	39	G1_K	-1.11	0.28

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
61	61	170	G2_K	9.112E-02	-0.66
61	61	152	G2_K	9.112E-02	-0.66
61	61	42	G2_K	9.112E-02	-0.66
61	61	39	G2_K	9.112E-02	-0.66
61	61	170	Q_K	-0.81	0.22
61	61	152	Q_K	-0.81	0.22
61	61	42	Q_K	-0.81	0.22
61	61	39	Q_K	-0.81	0.22
61	61	170	N_K	-9.734E-02	2.629E-02
61	61	152	N_K	-9.734E-02	2.629E-02
61	61	42	N_K	-9.734E-02	2.629E-02
61	61	39	N_K	-9.734E-02	2.629E-02
61	61	170	T+_K	0.	0.
61	61	152	T+_K	0.	0.
61	61	42	T+_K	0.	0.
61	61	39	T+_K	0.	0.
61	61	170	T-_K	0.	0.
61	61	152	T-_K	0.	0.
61	61	42	T-_K	0.	0.
61	61	39	T-_K	0.	0.
61	61	170	G1_D	-1.44	0.37
61	61	152	G1_D	-1.44	0.37
61	61	42	G1_D	-1.44	0.37
61	61	39	G1_D	-1.44	0.37
61	61	170	G2_D	0.12	-0.86
61	61	152	G2_D	0.12	-0.86
61	61	42	G2_D	0.12	-0.86
61	61	39	G2_D	0.12	-0.86
61	61	170	Q_D	-1.22	0.33
61	61	152	Q_D	-1.22	0.33
61	61	42	Q_D	-1.22	0.33
61	61	39	Q_D	-1.22	0.33
61	61	170	N_D	-0.15	3.943E-02
61	61	152	N_D	-0.15	3.943E-02
61	61	42	N_D	-0.15	3.943E-02
61	61	39	N_D	-0.15	3.943E-02
61	61	170	T+_D	0.	0.
61	61	152	T+_D	0.	0.
61	61	42	T+_D	0.	0.
61	61	39	T+_D	0.	0.
61	61	170	T-_D	0.	0.
61	61	152	T-_D	0.	0.
61	61	42	T-_D	0.	0.
61	61	39	T-_D	0.	0.
61	61	170	W+_K	0.	0.
61	61	152	W+_K	0.	0.
61	61	42	W+_K	0.	0.
61	61	39	W+_K	0.	0.
61	61	170	W-_K	0.	0.
61	61	152	W-_K	0.	0.
61	61	42	W-_K	0.	0.
61	61	39	W-_K	0.	0.
61	61	170	W+_D	0.	0.
61	61	152	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
61	61	42	W+_D	0.	0.
61	61	39	W+_D	0.	0.
61	61	170	W-_D	0.	0.
61	61	152	W-_D	0.	0.
61	61	42	W-_D	0.	0.
61	61	39	W-_D	0.	0.
61	61	170	SISMA SLV X	0.73	0.99
61	61	152	SISMA SLV X	0.73	0.99
61	61	42	SISMA SLV X	0.73	0.99
61	61	39	SISMA SLV X	0.73	0.99
61	61	170	SISMA SLV Y	1.32	1.27
61	61	152	SISMA SLV Y	1.32	1.27
61	61	42	SISMA SLV Y	1.32	1.27
61	61	39	SISMA SLV Y	1.32	1.27
61	61	170	SISMA SLD X	0.36	0.49
61	61	152	SISMA SLD X	0.36	0.49
61	61	42	SISMA SLD X	0.36	0.49
61	61	39	SISMA SLD X	0.36	0.49
61	61	170	SISMA SLD Y	0.64	0.62
61	61	152	SISMA SLD Y	0.64	0.62
61	61	42	SISMA SLD Y	0.64	0.62
61	61	39	SISMA SLD Y	0.64	0.62
61	61	170	SISMA SLO X	0.29	0.4
61	61	152	SISMA SLO X	0.29	0.4
61	61	42	SISMA SLO X	0.29	0.4
61	61	39	SISMA SLO X	0.29	0.4
61	61	170	SISMA SLO Y	0.53	0.51
61	61	152	SISMA SLO Y	0.53	0.51
61	61	42	SISMA SLO Y	0.53	0.51
61	61	39	SISMA SLO Y	0.53	0.51
61	61	170	SLT	0.	0.
61	61	152	SLT	0.	0.
61	61	42	SLT	0.	0.
61	61	39	SLT	0.	0.
61	61	170	~TorsionSISMA SLV X	0.	0.
61	61	152	~TorsionSISMA SLV X	0.	0.
61	61	42	~TorsionSISMA SLV X	0.	0.
61	61	39	~TorsionSISMA SLV X	0.	0.
61	61	170	~TorsionSISMA SLV Y	0.	0.
61	61	152	~TorsionSISMA SLV Y	0.	0.
61	61	42	~TorsionSISMA SLV Y	0.	0.
61	61	39	~TorsionSISMA SLV Y	0.	0.
61	61	170	~TorsionSISMA SLD X	0.	0.
61	61	152	~TorsionSISMA SLD X	0.	0.
61	61	42	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
61	61	39	~TorsionSISMA SLD X	0.	0.
61	61	170	~TorsionSISMA SLD Y	0.	0.
61	61	152	~TorsionSISMA SLD Y	0.	0.
61	61	42	~TorsionSISMA SLD Y	0.	0.
61	61	39	~TorsionSISMA SLD Y	0.	0.
61	61	170	~TorsionSISMA SLO X	0.	0.
61	61	152	~TorsionSISMA SLO X	0.	0.
61	61	42	~TorsionSISMA SLO X	0.	0.
61	61	39	~TorsionSISMA SLO X	0.	0.
61	61	170	~TorsionSISMA SLO Y	0.	0.
61	61	152	~TorsionSISMA SLO Y	0.	0.
61	61	42	~TorsionSISMA SLO Y	0.	0.
61	61	39	~TorsionSISMA SLO Y	0.	0.
62	62	39	G1_K	-1.89	1.24
62	62	42	G1_K	-1.89	1.24
62	62	154	G1_K	-1.89	1.24
62	62	171	G1_K	-1.89	1.24
62	62	39	G2_K	5.702E-02	-0.9
62	62	42	G2_K	5.702E-02	-0.9
62	62	154	G2_K	5.702E-02	-0.9
62	62	171	G2_K	5.702E-02	-0.9
62	62	39	Q_K	-1.28	0.85
62	62	42	Q_K	-1.28	0.85
62	62	154	Q_K	-1.28	0.85
62	62	171	Q_K	-1.28	0.85
62	62	39	N_K	-0.15	0.1
62	62	42	N_K	-0.15	0.1
62	62	154	N_K	-0.15	0.1
62	62	171	N_K	-0.15	0.1
62	62	39	T+_K	0.	0.
62	62	42	T+_K	0.	0.
62	62	154	T+_K	0.	0.
62	62	171	T+_K	0.	0.
62	62	39	T-_K	0.	0.
62	62	42	T-_K	0.	0.
62	62	154	T-_K	0.	0.
62	62	171	T-_K	0.	0.
62	62	39	G1_D	-2.45	1.62
62	62	42	G1_D	-2.45	1.62
62	62	154	G1_D	-2.45	1.62
62	62	171	G1_D	-2.45	1.62
62	62	39	G2_D	7.413E-02	-1.17
62	62	42	G2_D	7.413E-02	-1.17
62	62	154	G2_D	7.413E-02	-1.17

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
62	62	171	G2_D	7.413E-02	-1.17
62	62	39	Q_D	-1.92	1.27
62	62	42	Q_D	-1.92	1.27
62	62	154	Q_D	-1.92	1.27
62	62	171	Q_D	-1.92	1.27
62	62	39	N_D	-0.23	0.15
62	62	42	N_D	-0.23	0.15
62	62	154	N_D	-0.23	0.15
62	62	171	N_D	-0.23	0.15
62	62	39	T+_D	0.	0.
62	62	42	T+_D	0.	0.
62	62	154	T+_D	0.	0.
62	62	171	T+_D	0.	0.
62	62	39	T-_D	0.	0.
62	62	42	T-_D	0.	0.
62	62	154	T-_D	0.	0.
62	62	171	T-_D	0.	0.
62	62	39	W+_K	0.	0.
62	62	42	W+_K	0.	0.
62	62	154	W+_K	0.	0.
62	62	171	W+_K	0.	0.
62	62	39	W-_K	0.	0.
62	62	42	W-_K	0.	0.
62	62	154	W-_K	0.	0.
62	62	171	W-_K	0.	0.
62	62	39	W+_D	0.	0.
62	62	42	W+_D	0.	0.
62	62	154	W+_D	0.	0.
62	62	171	W+_D	0.	0.
62	62	39	W-_D	0.	0.
62	62	42	W-_D	0.	0.
62	62	154	W-_D	0.	0.
62	62	171	W-_D	0.	0.
62	62	39	SISMA SLV X	0.97	0.73
62	62	42	SISMA SLV X	0.97	0.73
62	62	154	SISMA SLV X	0.97	0.73
62	62	171	SISMA SLV X	0.97	0.73
62	62	39	SISMA SLV Y	1.71	0.83
62	62	42	SISMA SLV Y	1.71	0.83
62	62	154	SISMA SLV Y	1.71	0.83
62	62	171	SISMA SLV Y	1.71	0.83
62	62	39	SISMA SLD X	0.47	0.36
62	62	42	SISMA SLD X	0.47	0.36
62	62	154	SISMA SLD X	0.47	0.36
62	62	171	SISMA SLD X	0.47	0.36
62	62	39	SISMA SLD Y	0.83	0.4
62	62	42	SISMA SLD Y	0.83	0.4
62	62	154	SISMA SLD Y	0.83	0.4
62	62	171	SISMA SLD Y	0.83	0.4
62	62	39	SISMA SLO X	0.39	0.3
62	62	42	SISMA SLO X	0.39	0.3
62	62	154	SISMA SLO X	0.39	0.3
62	62	171	SISMA SLO X	0.39	0.3
62	62	39	SISMA SLO Y	0.69	0.33

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
62	62	42	SISMA SLO Y	0.69	0.33
62	62	154	SISMA SLO Y	0.69	0.33
62	62	171	SISMA SLO Y	0.69	0.33
62	62	39	SLT	0.	0.
62	62	42	SLT	0.	0.
62	62	154	SLT	0.	0.
62	62	171	SLT	0.	0.
62	62	39	~TorsionSISMA SLV X	0.	0.
62	62	42	~TorsionSISMA SLV X	0.	0.
62	62	154	~TorsionSISMA SLV X	0.	0.
62	62	171	~TorsionSISMA SLV X	0.	0.
62	62	39	~TorsionSISMA SLV Y	0.	0.
62	62	42	~TorsionSISMA SLV Y	0.	0.
62	62	154	~TorsionSISMA SLV Y	0.	0.
62	62	171	~TorsionSISMA SLV Y	0.	0.
62	62	39	~TorsionSISMA SLD X	0.	0.
62	62	42	~TorsionSISMA SLD X	0.	0.
62	62	154	~TorsionSISMA SLD X	0.	0.
62	62	171	~TorsionSISMA SLD X	0.	0.
62	62	39	~TorsionSISMA SLD Y	0.	0.
62	62	42	~TorsionSISMA SLD Y	0.	0.
62	62	154	~TorsionSISMA SLD Y	0.	0.
62	62	171	~TorsionSISMA SLD Y	0.	0.
62	62	39	~TorsionSISMA SLO X	0.	0.
62	62	42	~TorsionSISMA SLO X	0.	0.
62	62	154	~TorsionSISMA SLO X	0.	0.
62	62	171	~TorsionSISMA SLO X	0.	0.
62	62	39	~TorsionSISMA SLO Y	0.	0.
62	62	42	~TorsionSISMA SLO Y	0.	0.
62	62	154	~TorsionSISMA SLO Y	0.	0.
62	62	171	~TorsionSISMA SLO Y	0.	0.
63	63	171	G1_K	-2.23	3.55
63	63	154	G1_K	-2.23	3.55
63	63	43	G1_K	-2.23	3.55
63	63	40	G1_K	-2.23	3.55

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
63	63	171	G2_K	1.329E-03	-1.02
63	63	154	G2_K	1.329E-03	-1.02
63	63	43	G2_K	1.329E-03	-1.02
63	63	40	G2_K	1.329E-03	-1.02
63	63	171	Q_K	-1.48	2.33
63	63	154	Q_K	-1.48	2.33
63	63	43	Q_K	-1.48	2.33
63	63	40	Q_K	-1.48	2.33
63	63	171	N_K	-0.18	0.28
63	63	154	N_K	-0.18	0.28
63	63	43	N_K	-0.18	0.28
63	63	40	N_K	-0.18	0.28
63	63	171	T+_K	0.	0.
63	63	154	T+_K	0.	0.
63	63	43	T+_K	0.	0.
63	63	40	T+_K	0.	0.
63	63	171	T-_K	0.	0.
63	63	154	T-_K	0.	0.
63	63	43	T-_K	0.	0.
63	63	40	T-_K	0.	0.
63	63	171	G1_D	-2.9	4.62
63	63	154	G1_D	-2.9	4.62
63	63	43	G1_D	-2.9	4.62
63	63	40	G1_D	-2.9	4.62
63	63	171	G2_D	1.728E-03	-1.33
63	63	154	G2_D	1.728E-03	-1.33
63	63	43	G2_D	1.728E-03	-1.33
63	63	40	G2_D	1.728E-03	-1.33
63	63	171	Q_D	-2.21	3.49
63	63	154	Q_D	-2.21	3.49
63	63	43	Q_D	-2.21	3.49
63	63	40	Q_D	-2.21	3.49
63	63	171	N_D	-0.27	0.42
63	63	154	N_D	-0.27	0.42
63	63	43	N_D	-0.27	0.42
63	63	40	N_D	-0.27	0.42
63	63	171	T+_D	0.	0.
63	63	154	T+_D	0.	0.
63	63	43	T+_D	0.	0.
63	63	40	T+_D	0.	0.
63	63	171	T-_D	0.	0.
63	63	154	T-_D	0.	0.
63	63	43	T-_D	0.	0.
63	63	40	T-_D	0.	0.
63	63	171	W+_K	0.	0.
63	63	154	W+_K	0.	0.
63	63	43	W+_K	0.	0.
63	63	40	W+_K	0.	0.
63	63	171	W-_K	0.	0.
63	63	154	W-_K	0.	0.
63	63	43	W-_K	0.	0.
63	63	40	W-_K	0.	0.
63	63	171	W+_D	0.	0.
63	63	154	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
63	63	43	W+_D	0.	0.
63	63	40	W+_D	0.	0.
63	63	171	W-_D	0.	0.
63	63	154	W-_D	0.	0.
63	63	43	W-_D	0.	0.
63	63	40	W-_D	0.	0.
63	63	171	SISMA SLV X	0.96	0.47
63	63	154	SISMA SLV X	0.96	0.47
63	63	43	SISMA SLV X	0.96	0.47
63	63	40	SISMA SLV X	0.96	0.47
63	63	171	SISMA SLV Y	1.55	0.35
63	63	154	SISMA SLV Y	1.55	0.35
63	63	43	SISMA SLV Y	1.55	0.35
63	63	40	SISMA SLV Y	1.55	0.35
63	63	171	SISMA SLD X	0.47	0.23
63	63	154	SISMA SLD X	0.47	0.23
63	63	43	SISMA SLD X	0.47	0.23
63	63	40	SISMA SLD X	0.47	0.23
63	63	171	SISMA SLD Y	0.76	0.17
63	63	154	SISMA SLD Y	0.76	0.17
63	63	43	SISMA SLD Y	0.76	0.17
63	63	40	SISMA SLD Y	0.76	0.17
63	63	171	SISMA SLO X	0.39	0.19
63	63	154	SISMA SLO X	0.39	0.19
63	63	43	SISMA SLO X	0.39	0.19
63	63	40	SISMA SLO X	0.39	0.19
63	63	171	SISMA SLO Y	0.63	0.14
63	63	154	SISMA SLO Y	0.63	0.14
63	63	43	SISMA SLO Y	0.63	0.14
63	63	40	SISMA SLO Y	0.63	0.14
63	63	171	SLT	0.	0.
63	63	154	SLT	0.	0.
63	63	43	SLT	0.	0.
63	63	40	SLT	0.	0.
63	63	171	~TorsionSISMA SLV X	0.	0.
63	63	154	~TorsionSISMA SLV X	0.	0.
63	63	43	~TorsionSISMA SLV X	0.	0.
63	63	40	~TorsionSISMA SLV X	0.	0.
63	63	171	~TorsionSISMA SLV Y	0.	0.
63	63	154	~TorsionSISMA SLV Y	0.	0.
63	63	43	~TorsionSISMA SLV Y	0.	0.
63	63	40	~TorsionSISMA SLV Y	0.	0.
63	63	171	~TorsionSISMA SLD X	0.	0.
63	63	154	~TorsionSISMA SLD X	0.	0.
63	63	43	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
63	63	40	~TorsionSISMA SLD X	0.	0.
63	63	171	~TorsionSISMA SLD Y	0.	0.
63	63	154	~TorsionSISMA SLD Y	0.	0.
63	63	43	~TorsionSISMA SLD Y	0.	0.
63	63	40	~TorsionSISMA SLD Y	0.	0.
63	63	171	~TorsionSISMA SLO X	0.	0.
63	63	154	~TorsionSISMA SLO X	0.	0.
63	63	43	~TorsionSISMA SLO X	0.	0.
63	63	40	~TorsionSISMA SLO X	0.	0.
63	63	171	~TorsionSISMA SLO Y	0.	0.
63	63	154	~TorsionSISMA SLO Y	0.	0.
63	63	43	~TorsionSISMA SLO Y	0.	0.
63	63	40	~TorsionSISMA SLO Y	0.	0.
64	64	40	G1_K	-2.43	5.95
64	64	43	G1_K	-2.43	5.95
64	64	103	G1_K	-2.43	5.95
64	64	115	G1_K	-2.43	5.95
64	64	40	G2_K	-1.541E-02	-0.72
64	64	43	G2_K	-1.541E-02	-0.72
64	64	103	G2_K	-1.541E-02	-0.72
64	64	115	G2_K	-1.541E-02	-0.72
64	64	40	Q_K	-1.59	3.87
64	64	43	Q_K	-1.59	3.87
64	64	103	Q_K	-1.59	3.87
64	64	115	Q_K	-1.59	3.87
64	64	40	N_K	-0.19	0.46
64	64	43	N_K	-0.19	0.46
64	64	103	N_K	-0.19	0.46
64	64	115	N_K	-0.19	0.46
64	64	40	T+_K	0.	0.
64	64	43	T+_K	0.	0.
64	64	103	T+_K	0.	0.
64	64	115	T+_K	0.	0.
64	64	40	T-_K	0.	0.
64	64	43	T-_K	0.	0.
64	64	103	T-_K	0.	0.
64	64	115	T-_K	0.	0.
64	64	40	G1_D	-3.16	7.74
64	64	43	G1_D	-3.16	7.74
64	64	103	G1_D	-3.16	7.74
64	64	115	G1_D	-3.16	7.74
64	64	40	G2_D	-2.004E-02	-0.94
64	64	43	G2_D	-2.004E-02	-0.94
64	64	103	G2_D	-2.004E-02	-0.94

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
64	64	115	G2_D	-2.004E-02	-0.94
64	64	40	Q_D	-2.39	5.8
64	64	43	Q_D	-2.39	5.8
64	64	103	Q_D	-2.39	5.8
64	64	115	Q_D	-2.39	5.8
64	64	40	N_D	-0.29	0.7
64	64	43	N_D	-0.29	0.7
64	64	103	N_D	-0.29	0.7
64	64	115	N_D	-0.29	0.7
64	64	40	T+_D	0.	0.
64	64	43	T+_D	0.	0.
64	64	103	T+_D	0.	0.
64	64	115	T+_D	0.	0.
64	64	40	T-_D	0.	0.
64	64	43	T-_D	0.	0.
64	64	103	T-_D	0.	0.
64	64	115	T-_D	0.	0.
64	64	40	W+_K	0.	0.
64	64	43	W+_K	0.	0.
64	64	103	W+_K	0.	0.
64	64	115	W+_K	0.	0.
64	64	40	W-_K	0.	0.
64	64	43	W-_K	0.	0.
64	64	103	W-_K	0.	0.
64	64	115	W-_K	0.	0.
64	64	40	W+_D	0.	0.
64	64	43	W+_D	0.	0.
64	64	103	W+_D	0.	0.
64	64	115	W+_D	0.	0.
64	64	40	W-_D	0.	0.
64	64	43	W-_D	0.	0.
64	64	103	W-_D	0.	0.
64	64	115	W-_D	0.	0.
64	64	40	SISMA SLV X	0.78	0.82
64	64	43	SISMA SLV X	0.78	0.82
64	64	103	SISMA SLV X	0.78	0.82
64	64	115	SISMA SLV X	0.78	0.82
64	64	40	SISMA SLV Y	0.84	0.66
64	64	43	SISMA SLV Y	0.84	0.66
64	64	103	SISMA SLV Y	0.84	0.66
64	64	115	SISMA SLV Y	0.84	0.66
64	64	40	SISMA SLD X	0.38	0.4
64	64	43	SISMA SLD X	0.38	0.4
64	64	103	SISMA SLD X	0.38	0.4
64	64	115	SISMA SLD X	0.38	0.4
64	64	40	SISMA SLD Y	0.41	0.32
64	64	43	SISMA SLD Y	0.41	0.32
64	64	103	SISMA SLD Y	0.41	0.32
64	64	115	SISMA SLD Y	0.41	0.32
64	64	40	SISMA SLO X	0.31	0.33
64	64	43	SISMA SLO X	0.31	0.33
64	64	103	SISMA SLO X	0.31	0.33
64	64	115	SISMA SLO X	0.31	0.33
64	64	40	SISMA SLO Y	0.34	0.27

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
64	64	43	SISMA SLO Y	0.34	0.27
64	64	103	SISMA SLO Y	0.34	0.27
64	64	115	SISMA SLO Y	0.34	0.27
64	64	40	SLT	0.	0.
64	64	43	SLT	0.	0.
64	64	103	SLT	0.	0.
64	64	115	SLT	0.	0.
64	64	40	~TorsionSISMA SLV X	0.	0.
64	64	43	~TorsionSISMA SLV X	0.	0.
64	64	103	~TorsionSISMA SLV X	0.	0.
64	64	115	~TorsionSISMA SLV X	0.	0.
64	64	40	~TorsionSISMA SLV Y	0.	0.
64	64	43	~TorsionSISMA SLV Y	0.	0.
64	64	103	~TorsionSISMA SLV Y	0.	0.
64	64	115	~TorsionSISMA SLV Y	0.	0.
64	64	40	~TorsionSISMA SLD X	0.	0.
64	64	43	~TorsionSISMA SLD X	0.	0.
64	64	103	~TorsionSISMA SLD X	0.	0.
64	64	115	~TorsionSISMA SLD X	0.	0.
64	64	40	~TorsionSISMA SLD Y	0.	0.
64	64	43	~TorsionSISMA SLD Y	0.	0.
64	64	103	~TorsionSISMA SLD Y	0.	0.
64	64	115	~TorsionSISMA SLD Y	0.	0.
64	64	40	~TorsionSISMA SLO X	0.	0.
64	64	43	~TorsionSISMA SLO X	0.	0.
64	64	103	~TorsionSISMA SLO X	0.	0.
64	64	115	~TorsionSISMA SLO X	0.	0.
64	64	40	~TorsionSISMA SLO Y	0.	0.
64	64	43	~TorsionSISMA SLO Y	0.	0.
64	64	103	~TorsionSISMA SLO Y	0.	0.
64	64	115	~TorsionSISMA SLO Y	0.	0.
65	65	99	G1_K	-7.193E-02	1.6
65	65	150	G1_K	-7.193E-02	1.6
65	65	44	G1_K	-7.193E-02	1.6
65	65	41	G1_K	-7.193E-02	1.6

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
65	65	99	G2_K	-0.29	2.97
65	65	150	G2_K	-0.29	2.97
65	65	44	G2_K	-0.29	2.97
65	65	41	G2_K	-0.29	2.97
65	65	99	Q_K	5.816E-02	0.37
65	65	150	Q_K	5.816E-02	0.37
65	65	44	Q_K	5.816E-02	0.37
65	65	41	Q_K	5.816E-02	0.37
65	65	99	N_K	6.979E-03	4.381E-02
65	65	150	N_K	6.979E-03	4.381E-02
65	65	44	N_K	6.979E-03	4.381E-02
65	65	41	N_K	6.979E-03	4.381E-02
65	65	99	T+_K	0.	0.
65	65	150	T+_K	0.	0.
65	65	44	T+_K	0.	0.
65	65	41	T+_K	0.	0.
65	65	99	T-_K	0.	0.
65	65	150	T-_K	0.	0.
65	65	44	T-_K	0.	0.
65	65	41	T-_K	0.	0.
65	65	99	G1_D	-9.352E-02	2.08
65	65	150	G1_D	-9.352E-02	2.08
65	65	44	G1_D	-9.352E-02	2.08
65	65	41	G1_D	-9.352E-02	2.08
65	65	99	G2_D	-0.38	3.87
65	65	150	G2_D	-0.38	3.87
65	65	44	G2_D	-0.38	3.87
65	65	41	G2_D	-0.38	3.87
65	65	99	Q_D	8.724E-02	0.55
65	65	150	Q_D	8.724E-02	0.55
65	65	44	Q_D	8.724E-02	0.55
65	65	41	Q_D	8.724E-02	0.55
65	65	99	N_D	1.047E-02	6.572E-02
65	65	150	N_D	1.047E-02	6.572E-02
65	65	44	N_D	1.047E-02	6.572E-02
65	65	41	N_D	1.047E-02	6.572E-02
65	65	99	T+_D	0.	0.
65	65	150	T+_D	0.	0.
65	65	44	T+_D	0.	0.
65	65	41	T+_D	0.	0.
65	65	99	T-_D	0.	0.
65	65	150	T-_D	0.	0.
65	65	44	T-_D	0.	0.
65	65	41	T-_D	0.	0.
65	65	99	W+_K	0.	0.
65	65	150	W+_K	0.	0.
65	65	44	W+_K	0.	0.
65	65	41	W+_K	0.	0.
65	65	99	W-_K	0.	0.
65	65	150	W-_K	0.	0.
65	65	44	W-_K	0.	0.
65	65	41	W-_K	0.	0.
65	65	99	W+_D	0.	0.
65	65	150	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
65	65	44	W+_D	0.	0.
65	65	41	W+_D	0.	0.
65	65	99	W-_D	0.	0.
65	65	150	W-_D	0.	0.
65	65	44	W-_D	0.	0.
65	65	41	W-_D	0.	0.
65	65	99	SISMA SLV X	0.11	3.53
65	65	150	SISMA SLV X	0.11	3.53
65	65	44	SISMA SLV X	0.11	3.53
65	65	41	SISMA SLV X	0.11	3.53
65	65	99	SISMA SLV Y	9.558E-02	1.56
65	65	150	SISMA SLV Y	9.558E-02	1.56
65	65	44	SISMA SLV Y	9.558E-02	1.56
65	65	41	SISMA SLV Y	9.558E-02	1.56
65	65	99	SISMA SLD X	5.413E-02	1.72
65	65	150	SISMA SLD X	5.413E-02	1.72
65	65	44	SISMA SLD X	5.413E-02	1.72
65	65	41	SISMA SLD X	5.413E-02	1.72
65	65	99	SISMA SLD Y	4.668E-02	0.76
65	65	150	SISMA SLD Y	4.668E-02	0.76
65	65	44	SISMA SLD Y	4.668E-02	0.76
65	65	41	SISMA SLD Y	4.668E-02	0.76
65	65	99	SISMA SLO X	4.477E-02	1.43
65	65	150	SISMA SLO X	4.477E-02	1.43
65	65	44	SISMA SLO X	4.477E-02	1.43
65	65	41	SISMA SLO X	4.477E-02	1.43
65	65	99	SISMA SLO Y	3.864E-02	0.63
65	65	150	SISMA SLO Y	3.864E-02	0.63
65	65	44	SISMA SLO Y	3.864E-02	0.63
65	65	41	SISMA SLO Y	3.864E-02	0.63
65	65	99	SLT	0.	0.
65	65	150	SLT	0.	0.
65	65	44	SLT	0.	0.
65	65	41	SLT	0.	0.
65	65	99	~TorsionSISMA SLV X	0.	0.
65	65	150	~TorsionSISMA SLV X	0.	0.
65	65	44	~TorsionSISMA SLV X	0.	0.
65	65	41	~TorsionSISMA SLV X	0.	0.
65	65	99	~TorsionSISMA SLV Y	0.	0.
65	65	150	~TorsionSISMA SLV Y	0.	0.
65	65	44	~TorsionSISMA SLV Y	0.	0.
65	65	41	~TorsionSISMA SLV Y	0.	0.
65	65	99	~TorsionSISMA SLD X	0.	0.
65	65	150	~TorsionSISMA SLD X	0.	0.
65	65	44	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
65	65	41	~TorsionSISMA SLD X	0.	0.
65	65	99	~TorsionSISMA SLD Y	0.	0.
65	65	150	~TorsionSISMA SLD Y	0.	0.
65	65	44	~TorsionSISMA SLD Y	0.	0.
65	65	41	~TorsionSISMA SLD Y	0.	0.
65	65	99	~TorsionSISMA SLO X	0.	0.
65	65	150	~TorsionSISMA SLO X	0.	0.
65	65	44	~TorsionSISMA SLO X	0.	0.
65	65	41	~TorsionSISMA SLO X	0.	0.
65	65	99	~TorsionSISMA SLO Y	0.	0.
65	65	150	~TorsionSISMA SLO Y	0.	0.
65	65	44	~TorsionSISMA SLO Y	0.	0.
65	65	41	~TorsionSISMA SLO Y	0.	0.
66	66	41	G1_K	0.26	-0.13
66	66	44	G1_K	0.26	-0.13
66	66	151	G1_K	0.26	-0.13
66	66	152	G1_K	0.26	-0.13
66	66	41	G2_K	-0.63	1.16
66	66	44	G2_K	-0.63	1.16
66	66	151	G2_K	-0.63	1.16
66	66	152	G2_K	-0.63	1.16
66	66	41	Q_K	0.37	-6.483E-02
66	66	44	Q_K	0.37	-6.483E-02
66	66	151	Q_K	0.37	-6.483E-02
66	66	152	Q_K	0.37	-6.483E-02
66	66	41	N_K	4.461E-02	-7.779E-03
66	66	44	N_K	4.461E-02	-7.779E-03
66	66	151	N_K	4.461E-02	-7.779E-03
66	66	152	N_K	4.461E-02	-7.779E-03
66	66	41	T+_K	0.	0.
66	66	44	T+_K	0.	0.
66	66	151	T+_K	0.	0.
66	66	152	T+_K	0.	0.
66	66	41	T-_K	0.	0.
66	66	44	T-_K	0.	0.
66	66	151	T-_K	0.	0.
66	66	152	T-_K	0.	0.
66	66	41	G1_D	0.34	-0.17
66	66	44	G1_D	0.34	-0.17
66	66	151	G1_D	0.34	-0.17
66	66	152	G1_D	0.34	-0.17
66	66	41	G2_D	-0.82	1.51
66	66	44	G2_D	-0.82	1.51
66	66	151	G2_D	-0.82	1.51

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
66	66	152	G2_D	-0.82	1.51
66	66	41	Q_D	0.56	-9.724E-02
66	66	44	Q_D	0.56	-9.724E-02
66	66	151	Q_D	0.56	-9.724E-02
66	66	152	Q_D	0.56	-9.724E-02
66	66	41	N_D	6.692E-02	-1.167E-02
66	66	44	N_D	6.692E-02	-1.167E-02
66	66	151	N_D	6.692E-02	-1.167E-02
66	66	152	N_D	6.692E-02	-1.167E-02
66	66	41	T+_D	0.	0.
66	66	44	T+_D	0.	0.
66	66	151	T+_D	0.	0.
66	66	152	T+_D	0.	0.
66	66	41	T-_D	0.	0.
66	66	44	T-_D	0.	0.
66	66	151	T-_D	0.	0.
66	66	152	T-_D	0.	0.
66	66	41	W+_K	0.	0.
66	66	44	W+_K	0.	0.
66	66	151	W+_K	0.	0.
66	66	152	W+_K	0.	0.
66	66	41	W-_K	0.	0.
66	66	44	W-_K	0.	0.
66	66	151	W-_K	0.	0.
66	66	152	W-_K	0.	0.
66	66	41	W+_D	0.	0.
66	66	44	W+_D	0.	0.
66	66	151	W+_D	0.	0.
66	66	152	W+_D	0.	0.
66	66	41	W-_D	0.	0.
66	66	44	W-_D	0.	0.
66	66	151	W-_D	0.	0.
66	66	152	W-_D	0.	0.
66	66	41	SISMA SLV X	0.51	1.63
66	66	44	SISMA SLV X	0.51	1.63
66	66	151	SISMA SLV X	0.51	1.63
66	66	152	SISMA SLV X	0.51	1.63
66	66	41	SISMA SLV Y	0.32	0.99
66	66	44	SISMA SLV Y	0.32	0.99
66	66	151	SISMA SLV Y	0.32	0.99
66	66	152	SISMA SLV Y	0.32	0.99
66	66	41	SISMA SLD X	0.25	0.8
66	66	44	SISMA SLD X	0.25	0.8
66	66	151	SISMA SLD X	0.25	0.8
66	66	152	SISMA SLD X	0.25	0.8
66	66	41	SISMA SLD Y	0.16	0.48
66	66	44	SISMA SLD Y	0.16	0.48
66	66	151	SISMA SLD Y	0.16	0.48
66	66	152	SISMA SLD Y	0.16	0.48
66	66	41	SISMA SLO X	0.21	0.66
66	66	44	SISMA SLO X	0.21	0.66
66	66	151	SISMA SLO X	0.21	0.66
66	66	152	SISMA SLO X	0.21	0.66
66	66	41	SISMA SLO Y	0.13	0.4

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
66	66	44	SISMA SLO Y	0.13	0.4
66	66	151	SISMA SLO Y	0.13	0.4
66	66	152	SISMA SLO Y	0.13	0.4
66	66	41	SLT	0.	0.
66	66	44	SLT	0.	0.
66	66	151	SLT	0.	0.
66	66	152	SLT	0.	0.
66	66	41	~TorsionSISMA SLV X	0.	0.
66	66	44	~TorsionSISMA SLV X	0.	0.
66	66	151	~TorsionSISMA SLV X	0.	0.
66	66	152	~TorsionSISMA SLV X	0.	0.
66	66	41	~TorsionSISMA SLV Y	0.	0.
66	66	44	~TorsionSISMA SLV Y	0.	0.
66	66	151	~TorsionSISMA SLV Y	0.	0.
66	66	152	~TorsionSISMA SLV Y	0.	0.
66	66	41	~TorsionSISMA SLD X	0.	0.
66	66	44	~TorsionSISMA SLD X	0.	0.
66	66	151	~TorsionSISMA SLD X	0.	0.
66	66	152	~TorsionSISMA SLD X	0.	0.
66	66	41	~TorsionSISMA SLD Y	0.	0.
66	66	44	~TorsionSISMA SLD Y	0.	0.
66	66	151	~TorsionSISMA SLD Y	0.	0.
66	66	152	~TorsionSISMA SLD Y	0.	0.
66	66	41	~TorsionSISMA SLO X	0.	0.
66	66	44	~TorsionSISMA SLO X	0.	0.
66	66	151	~TorsionSISMA SLO X	0.	0.
66	66	152	~TorsionSISMA SLO X	0.	0.
66	66	41	~TorsionSISMA SLO Y	0.	0.
66	66	44	~TorsionSISMA SLO Y	0.	0.
66	66	151	~TorsionSISMA SLO Y	0.	0.
66	66	152	~TorsionSISMA SLO Y	0.	0.
67	67	152	G1_K	1.05	9.064E-02
67	67	151	G1_K	1.05	9.064E-02
67	67	45	G1_K	1.05	9.064E-02
67	67	42	G1_K	1.05	9.064E-02

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
67	67	152	G2_K	-0.41	0.97
67	67	151	G2_K	-0.41	0.97
67	67	45	G2_K	-0.41	0.97
67	67	42	G2_K	-0.41	0.97
67	67	152	Q_K	0.8	9.039E-02
67	67	151	Q_K	0.8	9.039E-02
67	67	45	Q_K	0.8	9.039E-02
67	67	42	Q_K	0.8	9.039E-02
67	67	152	N_K	9.589E-02	1.085E-02
67	67	151	N_K	9.589E-02	1.085E-02
67	67	45	N_K	9.589E-02	1.085E-02
67	67	42	N_K	9.589E-02	1.085E-02
67	67	152	T+_K	0.	0.
67	67	151	T+_K	0.	0.
67	67	45	T+_K	0.	0.
67	67	42	T+_K	0.	0.
67	67	152	T-_K	0.	0.
67	67	151	T-_K	0.	0.
67	67	45	T-_K	0.	0.
67	67	42	T-_K	0.	0.
67	67	152	G1_D	1.37	0.12
67	67	151	G1_D	1.37	0.12
67	67	45	G1_D	1.37	0.12
67	67	42	G1_D	1.37	0.12
67	67	152	G2_D	-0.53	1.26
67	67	151	G2_D	-0.53	1.26
67	67	45	G2_D	-0.53	1.26
67	67	42	G2_D	-0.53	1.26
67	67	152	Q_D	1.2	0.14
67	67	151	Q_D	1.2	0.14
67	67	45	Q_D	1.2	0.14
67	67	42	Q_D	1.2	0.14
67	67	152	N_D	0.14	1.627E-02
67	67	151	N_D	0.14	1.627E-02
67	67	45	N_D	0.14	1.627E-02
67	67	42	N_D	0.14	1.627E-02
67	67	152	T+_D	0.	0.
67	67	151	T+_D	0.	0.
67	67	45	T+_D	0.	0.
67	67	42	T+_D	0.	0.
67	67	152	T-_D	0.	0.
67	67	151	T-_D	0.	0.
67	67	45	T-_D	0.	0.
67	67	42	T-_D	0.	0.
67	67	152	W+_K	0.	0.
67	67	151	W+_K	0.	0.
67	67	45	W+_K	0.	0.
67	67	42	W+_K	0.	0.
67	67	152	W-_K	0.	0.
67	67	151	W-_K	0.	0.
67	67	45	W-_K	0.	0.
67	67	42	W-_K	0.	0.
67	67	152	W+_D	0.	0.
67	67	151	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
67	67	45	W+_D	0.	0.
67	67	42	W+_D	0.	0.
67	67	152	W-_D	0.	0.
67	67	151	W-_D	0.	0.
67	67	45	W-_D	0.	0.
67	67	42	W-_D	0.	0.
67	67	152	SISMA SLV X	1.32	1.31
67	67	151	SISMA SLV X	1.32	1.31
67	67	45	SISMA SLV X	1.32	1.31
67	67	42	SISMA SLV X	1.32	1.31
67	67	152	SISMA SLV Y	0.78	0.92
67	67	151	SISMA SLV Y	0.78	0.92
67	67	45	SISMA SLV Y	0.78	0.92
67	67	42	SISMA SLV Y	0.78	0.92
67	67	152	SISMA SLD X	0.65	0.64
67	67	151	SISMA SLD X	0.65	0.64
67	67	45	SISMA SLD X	0.65	0.64
67	67	42	SISMA SLD X	0.65	0.64
67	67	152	SISMA SLD Y	0.38	0.45
67	67	151	SISMA SLD Y	0.38	0.45
67	67	45	SISMA SLD Y	0.38	0.45
67	67	42	SISMA SLD Y	0.38	0.45
67	67	152	SISMA SLO X	0.54	0.53
67	67	151	SISMA SLO X	0.54	0.53
67	67	45	SISMA SLO X	0.54	0.53
67	67	42	SISMA SLO X	0.54	0.53
67	67	152	SISMA SLO Y	0.31	0.37
67	67	151	SISMA SLO Y	0.31	0.37
67	67	45	SISMA SLO Y	0.31	0.37
67	67	42	SISMA SLO Y	0.31	0.37
67	67	152	SLT	0.	0.
67	67	151	SLT	0.	0.
67	67	45	SLT	0.	0.
67	67	42	SLT	0.	0.
67	67	152	~TorsionSISMA SLV X	0.	0.
67	67	151	~TorsionSISMA SLV X	0.	0.
67	67	45	~TorsionSISMA SLV X	0.	0.
67	67	42	~TorsionSISMA SLV X	0.	0.
67	67	152	~TorsionSISMA SLV Y	0.	0.
67	67	151	~TorsionSISMA SLV Y	0.	0.
67	67	45	~TorsionSISMA SLV Y	0.	0.
67	67	42	~TorsionSISMA SLV Y	0.	0.
67	67	152	~TorsionSISMA SLD X	0.	0.
67	67	151	~TorsionSISMA SLD X	0.	0.
67	67	45	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
67	67	42	~TorsionSISMA SLD X	0.	0.
67	67	152	~TorsionSISMA SLD Y	0.	0.
67	67	151	~TorsionSISMA SLD Y	0.	0.
67	67	45	~TorsionSISMA SLD Y	0.	0.
67	67	42	~TorsionSISMA SLD Y	0.	0.
67	67	152	~TorsionSISMA SLO X	0.	0.
67	67	151	~TorsionSISMA SLO X	0.	0.
67	67	45	~TorsionSISMA SLO X	0.	0.
67	67	42	~TorsionSISMA SLO X	0.	0.
67	67	152	~TorsionSISMA SLO Y	0.	0.
67	67	151	~TorsionSISMA SLO Y	0.	0.
67	67	45	~TorsionSISMA SLO Y	0.	0.
67	67	42	~TorsionSISMA SLO Y	0.	0.
68	68	42	G1_K	1.9	0.94
68	68	45	G1_K	1.9	0.94
68	68	153	G1_K	1.9	0.94
68	68	154	G1_K	1.9	0.94
68	68	42	G2_K	-0.25	0.73
68	68	45	G2_K	-0.25	0.73
68	68	153	G2_K	-0.25	0.73
68	68	154	G2_K	-0.25	0.73
68	68	42	Q_K	1.3	0.66
68	68	45	Q_K	1.3	0.66
68	68	153	Q_K	1.3	0.66
68	68	154	Q_K	1.3	0.66
68	68	42	N_K	0.16	7.878E-02
68	68	45	N_K	0.16	7.878E-02
68	68	153	N_K	0.16	7.878E-02
68	68	154	N_K	0.16	7.878E-02
68	68	42	T+_K	0.	0.
68	68	45	T+_K	0.	0.
68	68	153	T+_K	0.	0.
68	68	154	T+_K	0.	0.
68	68	42	T-_K	0.	0.
68	68	45	T-_K	0.	0.
68	68	153	T-_K	0.	0.
68	68	154	T-_K	0.	0.
68	68	42	G1_D	2.47	1.22
68	68	45	G1_D	2.47	1.22
68	68	153	G1_D	2.47	1.22
68	68	154	G1_D	2.47	1.22
68	68	42	G2_D	-0.32	0.95
68	68	45	G2_D	-0.32	0.95
68	68	153	G2_D	-0.32	0.95

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
68	68	154	G2_D	-0.32	0.95
68	68	42	Q_D	1.95	0.98
68	68	45	Q_D	1.95	0.98
68	68	153	Q_D	1.95	0.98
68	68	154	Q_D	1.95	0.98
68	68	42	N_D	0.23	0.12
68	68	45	N_D	0.23	0.12
68	68	153	N_D	0.23	0.12
68	68	154	N_D	0.23	0.12
68	68	42	T+_D	0.	0.
68	68	45	T+_D	0.	0.
68	68	153	T+_D	0.	0.
68	68	154	T+_D	0.	0.
68	68	42	T-_D	0.	0.
68	68	45	T-_D	0.	0.
68	68	153	T-_D	0.	0.
68	68	154	T-_D	0.	0.
68	68	42	W+_K	0.	0.
68	68	45	W+_K	0.	0.
68	68	153	W+_K	0.	0.
68	68	154	W+_K	0.	0.
68	68	42	W-_K	0.	0.
68	68	45	W-_K	0.	0.
68	68	153	W-_K	0.	0.
68	68	154	W-_K	0.	0.
68	68	42	W+_D	0.	0.
68	68	45	W+_D	0.	0.
68	68	153	W+_D	0.	0.
68	68	154	W+_D	0.	0.
68	68	42	W-_D	0.	0.
68	68	45	W-_D	0.	0.
68	68	153	W-_D	0.	0.
68	68	154	W-_D	0.	0.
68	68	42	SISMA SLV X	1.8	1.02
68	68	45	SISMA SLV X	1.8	1.02
68	68	153	SISMA SLV X	1.8	1.02
68	68	154	SISMA SLV X	1.8	1.02
68	68	42	SISMA SLV Y	1.09	0.73
68	68	45	SISMA SLV Y	1.09	0.73
68	68	153	SISMA SLV Y	1.09	0.73
68	68	154	SISMA SLV Y	1.09	0.73
68	68	42	SISMA SLD X	0.88	0.5
68	68	45	SISMA SLD X	0.88	0.5
68	68	153	SISMA SLD X	0.88	0.5
68	68	154	SISMA SLD X	0.88	0.5
68	68	42	SISMA SLD Y	0.53	0.36
68	68	45	SISMA SLD Y	0.53	0.36
68	68	153	SISMA SLD Y	0.53	0.36
68	68	154	SISMA SLD Y	0.53	0.36
68	68	42	SISMA SLO X	0.73	0.41
68	68	45	SISMA SLO X	0.73	0.41
68	68	153	SISMA SLO X	0.73	0.41
68	68	154	SISMA SLO X	0.73	0.41
68	68	42	SISMA SLO Y	0.44	0.29

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
68	68	45	SISMA SLO Y	0.44	0.29
68	68	153	SISMA SLO Y	0.44	0.29
68	68	154	SISMA SLO Y	0.44	0.29
68	68	42	SLT	0.	0.
68	68	45	SLT	0.	0.
68	68	153	SLT	0.	0.
68	68	154	SLT	0.	0.
68	68	42	~TorsionSISMA SLV X	0.	0.
68	68	45	~TorsionSISMA SLV X	0.	0.
68	68	153	~TorsionSISMA SLV X	0.	0.
68	68	154	~TorsionSISMA SLV X	0.	0.
68	68	42	~TorsionSISMA SLV Y	0.	0.
68	68	45	~TorsionSISMA SLV Y	0.	0.
68	68	153	~TorsionSISMA SLV Y	0.	0.
68	68	154	~TorsionSISMA SLV Y	0.	0.
68	68	42	~TorsionSISMA SLD X	0.	0.
68	68	45	~TorsionSISMA SLD X	0.	0.
68	68	153	~TorsionSISMA SLD X	0.	0.
68	68	154	~TorsionSISMA SLD X	0.	0.
68	68	42	~TorsionSISMA SLD Y	0.	0.
68	68	45	~TorsionSISMA SLD Y	0.	0.
68	68	153	~TorsionSISMA SLD Y	0.	0.
68	68	154	~TorsionSISMA SLD Y	0.	0.
68	68	42	~TorsionSISMA SLO X	0.	0.
68	68	45	~TorsionSISMA SLO X	0.	0.
68	68	153	~TorsionSISMA SLO X	0.	0.
68	68	154	~TorsionSISMA SLO X	0.	0.
68	68	42	~TorsionSISMA SLO Y	0.	0.
68	68	45	~TorsionSISMA SLO Y	0.	0.
68	68	153	~TorsionSISMA SLO Y	0.	0.
68	68	154	~TorsionSISMA SLO Y	0.	0.
69	69	154	G1_K	2.26	3.12
69	69	153	G1_K	2.26	3.12
69	69	46	G1_K	2.26	3.12
69	69	43	G1_K	2.26	3.12

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
69	69	154	G2_K	-5.157E-02	0.6
69	69	153	G2_K	-5.157E-02	0.6
69	69	46	G2_K	-5.157E-02	0.6
69	69	43	G2_K	-5.157E-02	0.6
69	69	154	Q_K	1.5	2.06
69	69	153	Q_K	1.5	2.06
69	69	46	Q_K	1.5	2.06
69	69	43	Q_K	1.5	2.06
69	69	154	N_K	0.18	0.25
69	69	153	N_K	0.18	0.25
69	69	46	N_K	0.18	0.25
69	69	43	N_K	0.18	0.25
69	69	154	T+_K	0.	0.
69	69	153	T+_K	0.	0.
69	69	46	T+_K	0.	0.
69	69	43	T+_K	0.	0.
69	69	154	T-_K	0.	0.
69	69	153	T-_K	0.	0.
69	69	46	T-_K	0.	0.
69	69	43	T-_K	0.	0.
69	69	154	G1_D	2.94	4.06
69	69	153	G1_D	2.94	4.06
69	69	46	G1_D	2.94	4.06
69	69	43	G1_D	2.94	4.06
69	69	154	G2_D	-6.704E-02	0.78
69	69	153	G2_D	-6.704E-02	0.78
69	69	46	G2_D	-6.704E-02	0.78
69	69	43	G2_D	-6.704E-02	0.78
69	69	154	Q_D	2.25	3.09
69	69	153	Q_D	2.25	3.09
69	69	46	Q_D	2.25	3.09
69	69	43	Q_D	2.25	3.09
69	69	154	N_D	0.27	0.37
69	69	153	N_D	0.27	0.37
69	69	46	N_D	0.27	0.37
69	69	43	N_D	0.27	0.37
69	69	154	T+_D	0.	0.
69	69	153	T+_D	0.	0.
69	69	46	T+_D	0.	0.
69	69	43	T+_D	0.	0.
69	69	154	T-_D	0.	0.
69	69	153	T-_D	0.	0.
69	69	46	T-_D	0.	0.
69	69	43	T-_D	0.	0.
69	69	154	W+_K	0.	0.
69	69	153	W+_K	0.	0.
69	69	46	W+_K	0.	0.
69	69	43	W+_K	0.	0.
69	69	154	W-_K	0.	0.
69	69	153	W-_K	0.	0.
69	69	46	W-_K	0.	0.
69	69	43	W-_K	0.	0.
69	69	154	W+_D	0.	0.
69	69	153	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
69	69	46	W+_D	0.	0.
69	69	43	W+_D	0.	0.
69	69	154	W-_D	0.	0.
69	69	153	W-_D	0.	0.
69	69	46	W-_D	0.	0.
69	69	43	W-_D	0.	0.
69	69	154	SISMA SLV X	1.7	0.81
69	69	153	SISMA SLV X	1.7	0.81
69	69	46	SISMA SLV X	1.7	0.81
69	69	43	SISMA SLV X	1.7	0.81
69	69	154	SISMA SLV Y	1.16	0.47
69	69	153	SISMA SLV Y	1.16	0.47
69	69	46	SISMA SLV Y	1.16	0.47
69	69	43	SISMA SLV Y	1.16	0.47
69	69	154	SISMA SLD X	0.83	0.39
69	69	153	SISMA SLD X	0.83	0.39
69	69	46	SISMA SLD X	0.83	0.39
69	69	43	SISMA SLD X	0.83	0.39
69	69	154	SISMA SLD Y	0.57	0.23
69	69	153	SISMA SLD Y	0.57	0.23
69	69	46	SISMA SLD Y	0.57	0.23
69	69	43	SISMA SLD Y	0.57	0.23
69	69	154	SISMA SLO X	0.69	0.33
69	69	153	SISMA SLO X	0.69	0.33
69	69	46	SISMA SLO X	0.69	0.33
69	69	43	SISMA SLO X	0.69	0.33
69	69	154	SISMA SLO Y	0.47	0.19
69	69	153	SISMA SLO Y	0.47	0.19
69	69	46	SISMA SLO Y	0.47	0.19
69	69	43	SISMA SLO Y	0.47	0.19
69	69	154	SLT	0.	0.
69	69	153	SLT	0.	0.
69	69	46	SLT	0.	0.
69	69	43	SLT	0.	0.
69	69	154	~TorsionSISMA SLV X	0.	0.
69	69	153	~TorsionSISMA SLV X	0.	0.
69	69	46	~TorsionSISMA SLV X	0.	0.
69	69	43	~TorsionSISMA SLV X	0.	0.
69	69	154	~TorsionSISMA SLV Y	0.	0.
69	69	153	~TorsionSISMA SLV Y	0.	0.
69	69	46	~TorsionSISMA SLV Y	0.	0.
69	69	43	~TorsionSISMA SLV Y	0.	0.
69	69	154	~TorsionSISMA SLD X	0.	0.
69	69	153	~TorsionSISMA SLD X	0.	0.
69	69	46	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
69	69	43	~TorsionSISMA SLD X	0.	0.
69	69	154	~TorsionSISMA SLD Y	0.	0.
69	69	153	~TorsionSISMA SLD Y	0.	0.
69	69	46	~TorsionSISMA SLD Y	0.	0.
69	69	43	~TorsionSISMA SLD Y	0.	0.
69	69	154	~TorsionSISMA SLO X	0.	0.
69	69	153	~TorsionSISMA SLO X	0.	0.
69	69	46	~TorsionSISMA SLO X	0.	0.
69	69	43	~TorsionSISMA SLO X	0.	0.
69	69	154	~TorsionSISMA SLO Y	0.	0.
69	69	153	~TorsionSISMA SLO Y	0.	0.
69	69	46	~TorsionSISMA SLO Y	0.	0.
69	69	43	~TorsionSISMA SLO Y	0.	0.
70	70	43	G1_K	2.32	5.64
70	70	46	G1_K	2.32	5.64
70	70	113	G1_K	2.32	5.64
70	70	103	G1_K	2.32	5.64
70	70	43	G2_K	0.19	0.66
70	70	46	G2_K	0.19	0.66
70	70	113	G2_K	0.19	0.66
70	70	103	G2_K	0.19	0.66
70	70	43	Q_K	1.52	3.67
70	70	46	Q_K	1.52	3.67
70	70	113	Q_K	1.52	3.67
70	70	103	Q_K	1.52	3.67
70	70	43	N_K	0.18	0.44
70	70	46	N_K	0.18	0.44
70	70	113	N_K	0.18	0.44
70	70	103	N_K	0.18	0.44
70	70	43	T+_K	0.	0.
70	70	46	T+_K	0.	0.
70	70	113	T+_K	0.	0.
70	70	103	T+_K	0.	0.
70	70	43	T-_K	0.	0.
70	70	46	T-_K	0.	0.
70	70	113	T-_K	0.	0.
70	70	103	T-_K	0.	0.
70	70	43	G1_D	3.01	7.33
70	70	46	G1_D	3.01	7.33
70	70	113	G1_D	3.01	7.33
70	70	103	G1_D	3.01	7.33
70	70	43	G2_D	0.24	0.85
70	70	46	G2_D	0.24	0.85
70	70	113	G2_D	0.24	0.85

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
70	70	103	G2_D	0.24	0.85
70	70	43	Q_D	2.28	5.51
70	70	46	Q_D	2.28	5.51
70	70	113	Q_D	2.28	5.51
70	70	103	Q_D	2.28	5.51
70	70	43	N_D	0.27	0.66
70	70	46	N_D	0.27	0.66
70	70	113	N_D	0.27	0.66
70	70	103	N_D	0.27	0.66
70	70	43	T+_D	0.	0.
70	70	46	T+_D	0.	0.
70	70	113	T+_D	0.	0.
70	70	103	T+_D	0.	0.
70	70	43	T-_D	0.	0.
70	70	46	T-_D	0.	0.
70	70	113	T-_D	0.	0.
70	70	103	T-_D	0.	0.
70	70	43	W+_K	0.	0.
70	70	46	W+_K	0.	0.
70	70	113	W+_K	0.	0.
70	70	103	W+_K	0.	0.
70	70	43	W-_K	0.	0.
70	70	46	W-_K	0.	0.
70	70	113	W-_K	0.	0.
70	70	103	W-_K	0.	0.
70	70	43	W+_D	0.	0.
70	70	46	W+_D	0.	0.
70	70	113	W+_D	0.	0.
70	70	103	W+_D	0.	0.
70	70	43	W-_D	0.	0.
70	70	46	W-_D	0.	0.
70	70	113	W-_D	0.	0.
70	70	103	W-_D	0.	0.
70	70	43	SISMA SLV X	1.01	0.69
70	70	46	SISMA SLV X	1.01	0.69
70	70	113	SISMA SLV X	1.01	0.69
70	70	103	SISMA SLV X	1.01	0.69
70	70	43	SISMA SLV Y	0.95	0.38
70	70	46	SISMA SLV Y	0.95	0.38
70	70	113	SISMA SLV Y	0.95	0.38
70	70	103	SISMA SLV Y	0.95	0.38
70	70	43	SISMA SLD X	0.49	0.34
70	70	46	SISMA SLD X	0.49	0.34
70	70	113	SISMA SLD X	0.49	0.34
70	70	103	SISMA SLD X	0.49	0.34
70	70	43	SISMA SLD Y	0.46	0.18
70	70	46	SISMA SLD Y	0.46	0.18
70	70	113	SISMA SLD Y	0.46	0.18
70	70	103	SISMA SLD Y	0.46	0.18
70	70	43	SISMA SLO X	0.41	0.28
70	70	46	SISMA SLO X	0.41	0.28
70	70	113	SISMA SLO X	0.41	0.28
70	70	103	SISMA SLO X	0.41	0.28
70	70	43	SISMA SLO Y	0.38	0.15

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
70	70	46	SISMA SLO Y	0.38	0.15
70	70	113	SISMA SLO Y	0.38	0.15
70	70	103	SISMA SLO Y	0.38	0.15
70	70	43	SLT	0.	0.
70	70	46	SLT	0.	0.
70	70	113	SLT	0.	0.
70	70	103	SLT	0.	0.
70	70	43	~TorsionSISMA SLV X	0.	0.
70	70	46	~TorsionSISMA SLV X	0.	0.
70	70	113	~TorsionSISMA SLV X	0.	0.
70	70	103	~TorsionSISMA SLV X	0.	0.
70	70	43	~TorsionSISMA SLV Y	0.	0.
70	70	46	~TorsionSISMA SLV Y	0.	0.
70	70	113	~TorsionSISMA SLV Y	0.	0.
70	70	103	~TorsionSISMA SLV Y	0.	0.
70	70	43	~TorsionSISMA SLD X	0.	0.
70	70	46	~TorsionSISMA SLD X	0.	0.
70	70	113	~TorsionSISMA SLD X	0.	0.
70	70	103	~TorsionSISMA SLD X	0.	0.
70	70	43	~TorsionSISMA SLD Y	0.	0.
70	70	46	~TorsionSISMA SLD Y	0.	0.
70	70	113	~TorsionSISMA SLD Y	0.	0.
70	70	103	~TorsionSISMA SLD Y	0.	0.
70	70	43	~TorsionSISMA SLO X	0.	0.
70	70	46	~TorsionSISMA SLO X	0.	0.
70	70	113	~TorsionSISMA SLO X	0.	0.
70	70	103	~TorsionSISMA SLO X	0.	0.
70	70	43	~TorsionSISMA SLO Y	0.	0.
70	70	46	~TorsionSISMA SLO Y	0.	0.
70	70	113	~TorsionSISMA SLO Y	0.	0.
70	70	103	~TorsionSISMA SLO Y	0.	0.
71	71	150	G1_K	2.411E-02	1.67
71	71	155	G1_K	2.411E-02	1.67
71	71	47	G1_K	2.411E-02	1.67
71	71	44	G1_K	2.411E-02	1.67

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
71	71	150	G2_K	-1.059E-02	1.53
71	71	155	G2_K	-1.059E-02	1.53
71	71	47	G2_K	-1.059E-02	1.53
71	71	44	G2_K	-1.059E-02	1.53
71	71	150	Q_K	1.610E-02	0.91
71	71	155	Q_K	1.610E-02	0.91
71	71	47	Q_K	1.610E-02	0.91
71	71	44	Q_K	1.610E-02	0.91
71	71	150	N_K	1.932E-03	0.11
71	71	155	N_K	1.932E-03	0.11
71	71	47	N_K	1.932E-03	0.11
71	71	44	N_K	1.932E-03	0.11
71	71	150	T+_K	0.	0.
71	71	155	T+_K	0.	0.
71	71	47	T+_K	0.	0.
71	71	44	T+_K	0.	0.
71	71	150	T-_K	0.	0.
71	71	155	T-_K	0.	0.
71	71	47	T-_K	0.	0.
71	71	44	T-_K	0.	0.
71	71	150	G1_D	3.134E-02	2.17
71	71	155	G1_D	3.134E-02	2.17
71	71	47	G1_D	3.134E-02	2.17
71	71	44	G1_D	3.134E-02	2.17
71	71	150	G2_D	-1.377E-02	1.99
71	71	155	G2_D	-1.377E-02	1.99
71	71	47	G2_D	-1.377E-02	1.99
71	71	44	G2_D	-1.377E-02	1.99
71	71	150	Q_D	2.415E-02	1.36
71	71	155	Q_D	2.415E-02	1.36
71	71	47	Q_D	2.415E-02	1.36
71	71	44	Q_D	2.415E-02	1.36
71	71	150	N_D	2.898E-03	0.16
71	71	155	N_D	2.898E-03	0.16
71	71	47	N_D	2.898E-03	0.16
71	71	44	N_D	2.898E-03	0.16
71	71	150	T+_D	0.	0.
71	71	155	T+_D	0.	0.
71	71	47	T+_D	0.	0.
71	71	44	T+_D	0.	0.
71	71	150	T-_D	0.	0.
71	71	155	T-_D	0.	0.
71	71	47	T-_D	0.	0.
71	71	44	T-_D	0.	0.
71	71	150	W+_K	0.	0.
71	71	155	W+_K	0.	0.
71	71	47	W+_K	0.	0.
71	71	44	W+_K	0.	0.
71	71	150	W-_K	0.	0.
71	71	155	W-_K	0.	0.
71	71	47	W-_K	0.	0.
71	71	44	W-_K	0.	0.
71	71	150	W+_D	0.	0.
71	71	155	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
71	71	47	W+_D	0.	0.
71	71	44	W+_D	0.	0.
71	71	150	W-_D	0.	0.
71	71	155	W-_D	0.	0.
71	71	47	W-_D	0.	0.
71	71	44	W-_D	0.	0.
71	71	150	SISMA SLV X	4.263E-02	4.11
71	71	155	SISMA SLV X	4.263E-02	4.11
71	71	47	SISMA SLV X	4.263E-02	4.11
71	71	44	SISMA SLV X	4.263E-02	4.11
71	71	150	SISMA SLV Y	5.091E-02	1.81
71	71	155	SISMA SLV Y	5.091E-02	1.81
71	71	47	SISMA SLV Y	5.091E-02	1.81
71	71	44	SISMA SLV Y	5.091E-02	1.81
71	71	150	SISMA SLD X	2.081E-02	2.01
71	71	155	SISMA SLD X	2.081E-02	2.01
71	71	47	SISMA SLD X	2.081E-02	2.01
71	71	44	SISMA SLD X	2.081E-02	2.01
71	71	150	SISMA SLD Y	2.486E-02	0.88
71	71	155	SISMA SLD Y	2.486E-02	0.88
71	71	47	SISMA SLD Y	2.486E-02	0.88
71	71	44	SISMA SLD Y	2.486E-02	0.88
71	71	150	SISMA SLO X	1.719E-02	1.66
71	71	155	SISMA SLO X	1.719E-02	1.66
71	71	47	SISMA SLO X	1.719E-02	1.66
71	71	44	SISMA SLO X	1.719E-02	1.66
71	71	150	SISMA SLO Y	2.058E-02	0.73
71	71	155	SISMA SLO Y	2.058E-02	0.73
71	71	47	SISMA SLO Y	2.058E-02	0.73
71	71	44	SISMA SLO Y	2.058E-02	0.73
71	71	150	SLT	0.	0.
71	71	155	SLT	0.	0.
71	71	47	SLT	0.	0.
71	71	44	SLT	0.	0.
71	71	150	~TorsionSISMA SLV X	0.	0.
71	71	155	~TorsionSISMA SLV X	0.	0.
71	71	47	~TorsionSISMA SLV X	0.	0.
71	71	44	~TorsionSISMA SLV X	0.	0.
71	71	150	~TorsionSISMA SLV Y	0.	0.
71	71	155	~TorsionSISMA SLV Y	0.	0.
71	71	47	~TorsionSISMA SLV Y	0.	0.
71	71	44	~TorsionSISMA SLV Y	0.	0.
71	71	150	~TorsionSISMA SLD X	0.	0.
71	71	155	~TorsionSISMA SLD X	0.	0.
71	71	47	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
71	71	44	~TorsionSISMA SLD X	0.	0.
71	71	150	~TorsionSISMA SLD Y	0.	0.
71	71	155	~TorsionSISMA SLD Y	0.	0.
71	71	47	~TorsionSISMA SLD Y	0.	0.
71	71	44	~TorsionSISMA SLD Y	0.	0.
71	71	150	~TorsionSISMA SLO X	0.	0.
71	71	155	~TorsionSISMA SLO X	0.	0.
71	71	47	~TorsionSISMA SLO X	0.	0.
71	71	44	~TorsionSISMA SLO X	0.	0.
71	71	150	~TorsionSISMA SLO Y	0.	0.
71	71	155	~TorsionSISMA SLO Y	0.	0.
71	71	47	~TorsionSISMA SLO Y	0.	0.
71	71	44	~TorsionSISMA SLO Y	0.	0.
72	72	44	G1_K	0.11	1.73
72	72	47	G1_K	0.11	1.73
72	72	156	G1_K	0.11	1.73
72	72	151	G1_K	0.11	1.73
72	72	44	G2_K	-9.310E-02	1.37
72	72	47	G2_K	-9.310E-02	1.37
72	72	156	G2_K	-9.310E-02	1.37
72	72	151	G2_K	-9.310E-02	1.37
72	72	44	Q_K	0.11	1.
72	72	47	Q_K	0.11	1.
72	72	156	Q_K	0.11	1.
72	72	151	Q_K	0.11	1.
72	72	44	N_K	1.331E-02	0.12
72	72	47	N_K	1.331E-02	0.12
72	72	156	N_K	1.331E-02	0.12
72	72	151	N_K	1.331E-02	0.12
72	72	44	T+_K	0.	0.
72	72	47	T+_K	0.	0.
72	72	156	T+_K	0.	0.
72	72	151	T+_K	0.	0.
72	72	44	T-_K	0.	0.
72	72	47	T-_K	0.	0.
72	72	156	T-_K	0.	0.
72	72	151	T-_K	0.	0.
72	72	44	G1_D	0.15	2.25
72	72	47	G1_D	0.15	2.25
72	72	156	G1_D	0.15	2.25
72	72	151	G1_D	0.15	2.25
72	72	44	G2_D	-0.12	1.78
72	72	47	G2_D	-0.12	1.78
72	72	156	G2_D	-0.12	1.78

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
72	72	151	G2_D	-0.12	1.78
72	72	44	Q_D	0.17	1.5
72	72	47	Q_D	0.17	1.5
72	72	156	Q_D	0.17	1.5
72	72	151	Q_D	0.17	1.5
72	72	44	N_D	1.997E-02	0.18
72	72	47	N_D	1.997E-02	0.18
72	72	156	N_D	1.997E-02	0.18
72	72	151	N_D	1.997E-02	0.18
72	72	44	T+_D	0.	0.
72	72	47	T+_D	0.	0.
72	72	156	T+_D	0.	0.
72	72	151	T+_D	0.	0.
72	72	44	T-_D	0.	0.
72	72	47	T-_D	0.	0.
72	72	156	T-_D	0.	0.
72	72	151	T-_D	0.	0.
72	72	44	W+_K	0.	0.
72	72	47	W+_K	0.	0.
72	72	156	W+_K	0.	0.
72	72	151	W+_K	0.	0.
72	72	44	W-_K	0.	0.
72	72	47	W-_K	0.	0.
72	72	156	W-_K	0.	0.
72	72	151	W-_K	0.	0.
72	72	44	W+_D	0.	0.
72	72	47	W+_D	0.	0.
72	72	156	W+_D	0.	0.
72	72	151	W+_D	0.	0.
72	72	44	W-_D	0.	0.
72	72	47	W-_D	0.	0.
72	72	156	W-_D	0.	0.
72	72	151	W-_D	0.	0.
72	72	44	SISMA SLV X	0.3	3.54
72	72	47	SISMA SLV X	0.3	3.54
72	72	156	SISMA SLV X	0.3	3.54
72	72	151	SISMA SLV X	0.3	3.54
72	72	44	SISMA SLV Y	0.3	1.59
72	72	47	SISMA SLV Y	0.3	1.59
72	72	156	SISMA SLV Y	0.3	1.59
72	72	151	SISMA SLV Y	0.3	1.59
72	72	44	SISMA SLD X	0.15	1.73
72	72	47	SISMA SLD X	0.15	1.73
72	72	156	SISMA SLD X	0.15	1.73
72	72	151	SISMA SLD X	0.15	1.73
72	72	44	SISMA SLD Y	0.15	0.78
72	72	47	SISMA SLD Y	0.15	0.78
72	72	156	SISMA SLD Y	0.15	0.78
72	72	151	SISMA SLD Y	0.15	0.78
72	72	44	SISMA SLO X	0.12	1.43
72	72	47	SISMA SLO X	0.12	1.43
72	72	156	SISMA SLO X	0.12	1.43
72	72	151	SISMA SLO X	0.12	1.43
72	72	44	SISMA SLO Y	0.12	0.64

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
72	72	47	SISMA SLO Y	0.12	0.64
72	72	156	SISMA SLO Y	0.12	0.64
72	72	151	SISMA SLO Y	0.12	0.64
72	72	44	SLT	0.	0.
72	72	47	SLT	0.	0.
72	72	156	SLT	0.	0.
72	72	151	SLT	0.	0.
72	72	44	~TorsionSISMA SLV X	0.	0.
72	72	47	~TorsionSISMA SLV X	0.	0.
72	72	156	~TorsionSISMA SLV X	0.	0.
72	72	151	~TorsionSISMA SLV X	0.	0.
72	72	44	~TorsionSISMA SLV Y	0.	0.
72	72	47	~TorsionSISMA SLV Y	0.	0.
72	72	156	~TorsionSISMA SLV Y	0.	0.
72	72	151	~TorsionSISMA SLV Y	0.	0.
72	72	44	~TorsionSISMA SLD X	0.	0.
72	72	47	~TorsionSISMA SLD X	0.	0.
72	72	156	~TorsionSISMA SLD X	0.	0.
72	72	151	~TorsionSISMA SLD X	0.	0.
72	72	44	~TorsionSISMA SLD Y	0.	0.
72	72	47	~TorsionSISMA SLD Y	0.	0.
72	72	156	~TorsionSISMA SLD Y	0.	0.
72	72	151	~TorsionSISMA SLD Y	0.	0.
72	72	44	~TorsionSISMA SLO X	0.	0.
72	72	47	~TorsionSISMA SLO X	0.	0.
72	72	156	~TorsionSISMA SLO X	0.	0.
72	72	151	~TorsionSISMA SLO X	0.	0.
72	72	44	~TorsionSISMA SLO Y	0.	0.
72	72	47	~TorsionSISMA SLO Y	0.	0.
72	72	156	~TorsionSISMA SLO Y	0.	0.
72	72	151	~TorsionSISMA SLO Y	0.	0.
73	73	151	G1_K	0.36	2.02
73	73	156	G1_K	0.36	2.02
73	73	48	G1_K	0.36	2.02
73	73	45	G1_K	0.36	2.02

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
73	73	151	G2_K	-8.547E-02	1.2
73	73	156	G2_K	-8.547E-02	1.2
73	73	48	G2_K	-8.547E-02	1.2
73	73	45	G2_K	-8.547E-02	1.2
73	73	151	Q_K	0.26	1.24
73	73	156	Q_K	0.26	1.24
73	73	48	Q_K	0.26	1.24
73	73	45	Q_K	0.26	1.24
73	73	151	N_K	3.138E-02	0.15
73	73	156	N_K	3.138E-02	0.15
73	73	48	N_K	3.138E-02	0.15
73	73	45	N_K	3.138E-02	0.15
73	73	151	T+_K	0.	0.
73	73	156	T+_K	0.	0.
73	73	48	T+_K	0.	0.
73	73	45	T+_K	0.	0.
73	73	151	T-_K	0.	0.
73	73	156	T-_K	0.	0.
73	73	48	T-_K	0.	0.
73	73	45	T-_K	0.	0.
73	73	151	G1_D	0.47	2.63
73	73	156	G1_D	0.47	2.63
73	73	48	G1_D	0.47	2.63
73	73	45	G1_D	0.47	2.63
73	73	151	G2_D	-0.11	1.56
73	73	156	G2_D	-0.11	1.56
73	73	48	G2_D	-0.11	1.56
73	73	45	G2_D	-0.11	1.56
73	73	151	Q_D	0.39	1.86
73	73	156	Q_D	0.39	1.86
73	73	48	Q_D	0.39	1.86
73	73	45	Q_D	0.39	1.86
73	73	151	N_D	4.707E-02	0.22
73	73	156	N_D	4.707E-02	0.22
73	73	48	N_D	4.707E-02	0.22
73	73	45	N_D	4.707E-02	0.22
73	73	151	T+_D	0.	0.
73	73	156	T+_D	0.	0.
73	73	48	T+_D	0.	0.
73	73	45	T+_D	0.	0.
73	73	151	T-_D	0.	0.
73	73	156	T-_D	0.	0.
73	73	48	T-_D	0.	0.
73	73	45	T-_D	0.	0.
73	73	151	W+_K	0.	0.
73	73	156	W+_K	0.	0.
73	73	48	W+_K	0.	0.
73	73	45	W+_K	0.	0.
73	73	151	W-_K	0.	0.
73	73	156	W-_K	0.	0.
73	73	48	W-_K	0.	0.
73	73	45	W-_K	0.	0.
73	73	151	W+_D	0.	0.
73	73	156	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
73	73	48	W+_D	0.	0.
73	73	45	W+_D	0.	0.
73	73	151	W-_D	0.	0.
73	73	156	W-_D	0.	0.
73	73	48	W-_D	0.	0.
73	73	45	W-_D	0.	0.
73	73	151	SISMA SLV X	0.57	2.74
73	73	156	SISMA SLV X	0.57	2.74
73	73	48	SISMA SLV X	0.57	2.74
73	73	45	SISMA SLV X	0.57	2.74
73	73	151	SISMA SLV Y	0.52	1.23
73	73	156	SISMA SLV Y	0.52	1.23
73	73	48	SISMA SLV Y	0.52	1.23
73	73	45	SISMA SLV Y	0.52	1.23
73	73	151	SISMA SLD X	0.28	1.34
73	73	156	SISMA SLD X	0.28	1.34
73	73	48	SISMA SLD X	0.28	1.34
73	73	45	SISMA SLD X	0.28	1.34
73	73	151	SISMA SLD Y	0.25	0.6
73	73	156	SISMA SLD Y	0.25	0.6
73	73	48	SISMA SLD Y	0.25	0.6
73	73	45	SISMA SLD Y	0.25	0.6
73	73	151	SISMA SLO X	0.23	1.11
73	73	156	SISMA SLO X	0.23	1.11
73	73	48	SISMA SLO X	0.23	1.11
73	73	45	SISMA SLO X	0.23	1.11
73	73	151	SISMA SLO Y	0.21	0.5
73	73	156	SISMA SLO Y	0.21	0.5
73	73	48	SISMA SLO Y	0.21	0.5
73	73	45	SISMA SLO Y	0.21	0.5
73	73	151	SLT	0.	0.
73	73	156	SLT	0.	0.
73	73	48	SLT	0.	0.
73	73	45	SLT	0.	0.
73	73	151	~TorsionSISMA SLV X	0.	0.
73	73	156	~TorsionSISMA SLV X	0.	0.
73	73	48	~TorsionSISMA SLV X	0.	0.
73	73	45	~TorsionSISMA SLV X	0.	0.
73	73	151	~TorsionSISMA SLV Y	0.	0.
73	73	156	~TorsionSISMA SLV Y	0.	0.
73	73	48	~TorsionSISMA SLV Y	0.	0.
73	73	45	~TorsionSISMA SLV Y	0.	0.
73	73	151	~TorsionSISMA SLD X	0.	0.
73	73	156	~TorsionSISMA SLD X	0.	0.
73	73	48	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
73	73	45	~TorsionSISMA SLD X	0.	0.
73	73	151	~TorsionSISMA SLD Y	0.	0.
73	73	156	~TorsionSISMA SLD Y	0.	0.
73	73	48	~TorsionSISMA SLD Y	0.	0.
73	73	45	~TorsionSISMA SLD Y	0.	0.
73	73	151	~TorsionSISMA SLO X	0.	0.
73	73	156	~TorsionSISMA SLO X	0.	0.
73	73	48	~TorsionSISMA SLO X	0.	0.
73	73	45	~TorsionSISMA SLO X	0.	0.
73	73	151	~TorsionSISMA SLO Y	0.	0.
73	73	156	~TorsionSISMA SLO Y	0.	0.
73	73	48	~TorsionSISMA SLO Y	0.	0.
73	73	45	~TorsionSISMA SLO Y	0.	0.
74	74	45	G1_K	0.47	2.58
74	74	48	G1_K	0.47	2.58
74	74	157	G1_K	0.47	2.58
74	74	153	G1_K	0.47	2.58
74	74	45	G2_K	-3.160E-02	1.05
74	74	48	G2_K	-3.160E-02	1.05
74	74	157	G2_K	-3.160E-02	1.05
74	74	153	G2_K	-3.160E-02	1.05
74	74	45	Q_K	0.33	1.63
74	74	48	Q_K	0.33	1.63
74	74	157	Q_K	0.33	1.63
74	74	153	Q_K	0.33	1.63
74	74	45	N_K	3.920E-02	0.2
74	74	48	N_K	3.920E-02	0.2
74	74	157	N_K	3.920E-02	0.2
74	74	153	N_K	3.920E-02	0.2
74	74	45	T+_K	0.	0.
74	74	48	T+_K	0.	0.
74	74	157	T+_K	0.	0.
74	74	153	T+_K	0.	0.
74	74	45	T-_K	0.	0.
74	74	48	T-_K	0.	0.
74	74	157	T-_K	0.	0.
74	74	153	T-_K	0.	0.
74	74	45	G1_D	0.61	3.35
74	74	48	G1_D	0.61	3.35
74	74	157	G1_D	0.61	3.35
74	74	153	G1_D	0.61	3.35
74	74	45	G2_D	-4.108E-02	1.36
74	74	48	G2_D	-4.108E-02	1.36
74	74	157	G2_D	-4.108E-02	1.36

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
74	74	153	G2_D	-4.108E-02	1.36
74	74	45	Q_D	0.49	2.44
74	74	48	Q_D	0.49	2.44
74	74	157	Q_D	0.49	2.44
74	74	153	Q_D	0.49	2.44
74	74	45	N_D	5.879E-02	0.29
74	74	48	N_D	5.879E-02	0.29
74	74	157	N_D	5.879E-02	0.29
74	74	153	N_D	5.879E-02	0.29
74	74	45	T+_D	0.	0.
74	74	48	T+_D	0.	0.
74	74	157	T+_D	0.	0.
74	74	153	T+_D	0.	0.
74	74	45	T-_D	0.	0.
74	74	48	T-_D	0.	0.
74	74	157	T-_D	0.	0.
74	74	153	T-_D	0.	0.
74	74	45	W+_K	0.	0.
74	74	48	W+_K	0.	0.
74	74	157	W+_K	0.	0.
74	74	153	W+_K	0.	0.
74	74	45	W-_K	0.	0.
74	74	48	W-_K	0.	0.
74	74	157	W-_K	0.	0.
74	74	153	W-_K	0.	0.
74	74	45	W+_D	0.	0.
74	74	48	W+_D	0.	0.
74	74	157	W+_D	0.	0.
74	74	153	W+_D	0.	0.
74	74	45	W-_D	0.	0.
74	74	48	W-_D	0.	0.
74	74	157	W-_D	0.	0.
74	74	153	W-_D	0.	0.
74	74	45	SISMA SLV X	0.7	1.4
74	74	48	SISMA SLV X	0.7	1.4
74	74	157	SISMA SLV X	0.7	1.4
74	74	153	SISMA SLV X	0.7	1.4
74	74	45	SISMA SLV Y	0.67	0.64
74	74	48	SISMA SLV Y	0.67	0.64
74	74	157	SISMA SLV Y	0.67	0.64
74	74	153	SISMA SLV Y	0.67	0.64
74	74	45	SISMA SLD X	0.34	0.69
74	74	48	SISMA SLD X	0.34	0.69
74	74	157	SISMA SLD X	0.34	0.69
74	74	153	SISMA SLD X	0.34	0.69
74	74	45	SISMA SLD Y	0.33	0.31
74	74	48	SISMA SLD Y	0.33	0.31
74	74	157	SISMA SLD Y	0.33	0.31
74	74	153	SISMA SLD Y	0.33	0.31
74	74	45	SISMA SLO X	0.28	0.57
74	74	48	SISMA SLO X	0.28	0.57
74	74	157	SISMA SLO X	0.28	0.57
74	74	153	SISMA SLO X	0.28	0.57
74	74	45	SISMA SLO Y	0.27	0.26

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
74	74	48	SISMA SLO Y	0.27	0.26
74	74	157	SISMA SLO Y	0.27	0.26
74	74	153	SISMA SLO Y	0.27	0.26
74	74	45	SLT	0.	0.
74	74	48	SLT	0.	0.
74	74	157	SLT	0.	0.
74	74	153	SLT	0.	0.
74	74	45	~TorsionSISMA SLV X	0.	0.
74	74	48	~TorsionSISMA SLV X	0.	0.
74	74	157	~TorsionSISMA SLV X	0.	0.
74	74	153	~TorsionSISMA SLV X	0.	0.
74	74	45	~TorsionSISMA SLV Y	0.	0.
74	74	48	~TorsionSISMA SLV Y	0.	0.
74	74	157	~TorsionSISMA SLV Y	0.	0.
74	74	153	~TorsionSISMA SLV Y	0.	0.
74	74	45	~TorsionSISMA SLD X	0.	0.
74	74	48	~TorsionSISMA SLD X	0.	0.
74	74	157	~TorsionSISMA SLD X	0.	0.
74	74	153	~TorsionSISMA SLD X	0.	0.
74	74	45	~TorsionSISMA SLD Y	0.	0.
74	74	48	~TorsionSISMA SLD Y	0.	0.
74	74	157	~TorsionSISMA SLD Y	0.	0.
74	74	153	~TorsionSISMA SLD Y	0.	0.
74	74	45	~TorsionSISMA SLO X	0.	0.
74	74	48	~TorsionSISMA SLO X	0.	0.
74	74	157	~TorsionSISMA SLO X	0.	0.
74	74	153	~TorsionSISMA SLO X	0.	0.
74	74	45	~TorsionSISMA SLO Y	0.	0.
74	74	48	~TorsionSISMA SLO Y	0.	0.
74	74	157	~TorsionSISMA SLO Y	0.	0.
74	74	153	~TorsionSISMA SLO Y	0.	0.
75	75	153	G1_K	0.83	3.35
75	75	157	G1_K	0.83	3.35
75	75	49	G1_K	0.83	3.35
75	75	46	G1_K	0.83	3.35

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
75	75	153	G2_K	-1.151E-02	0.97
75	75	157	G2_K	-1.151E-02	0.97
75	75	49	G2_K	-1.151E-02	0.97
75	75	46	G2_K	-1.151E-02	0.97
75	75	153	Q_K	0.55	2.15
75	75	157	Q_K	0.55	2.15
75	75	49	Q_K	0.55	2.15
75	75	46	Q_K	0.55	2.15
75	75	153	N_K	6.646E-02	0.26
75	75	157	N_K	6.646E-02	0.26
75	75	49	N_K	6.646E-02	0.26
75	75	46	N_K	6.646E-02	0.26
75	75	153	T+_K	0.	0.
75	75	157	T+_K	0.	0.
75	75	49	T+_K	0.	0.
75	75	46	T+_K	0.	0.
75	75	153	T-_K	0.	0.
75	75	157	T-_K	0.	0.
75	75	49	T-_K	0.	0.
75	75	46	T-_K	0.	0.
75	75	153	G1_D	1.08	4.35
75	75	157	G1_D	1.08	4.35
75	75	49	G1_D	1.08	4.35
75	75	46	G1_D	1.08	4.35
75	75	153	G2_D	-1.497E-02	1.26
75	75	157	G2_D	-1.497E-02	1.26
75	75	49	G2_D	-1.497E-02	1.26
75	75	46	G2_D	-1.497E-02	1.26
75	75	153	Q_D	0.83	3.22
75	75	157	Q_D	0.83	3.22
75	75	49	Q_D	0.83	3.22
75	75	46	Q_D	0.83	3.22
75	75	153	N_D	9.969E-02	0.39
75	75	157	N_D	9.969E-02	0.39
75	75	49	N_D	9.969E-02	0.39
75	75	46	N_D	9.969E-02	0.39
75	75	153	T+_D	0.	0.
75	75	157	T+_D	0.	0.
75	75	49	T+_D	0.	0.
75	75	46	T+_D	0.	0.
75	75	153	T-_D	0.	0.
75	75	157	T-_D	0.	0.
75	75	49	T-_D	0.	0.
75	75	46	T-_D	0.	0.
75	75	153	W+_K	0.	0.
75	75	157	W+_K	0.	0.
75	75	49	W+_K	0.	0.
75	75	46	W+_K	0.	0.
75	75	153	W-_K	0.	0.
75	75	157	W-_K	0.	0.
75	75	49	W-_K	0.	0.
75	75	46	W-_K	0.	0.
75	75	153	W+_D	0.	0.
75	75	157	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
75	75	49	W+_D	0.	0.
75	75	46	W+_D	0.	0.
75	75	153	W-_D	0.	0.
75	75	157	W-_D	0.	0.
75	75	49	W-_D	0.	0.
75	75	46	W-_D	0.	0.
75	75	153	SISMA SLV X	0.67	0.69
75	75	157	SISMA SLV X	0.67	0.69
75	75	49	SISMA SLV X	0.67	0.69
75	75	46	SISMA SLV X	0.67	0.69
75	75	153	SISMA SLV Y	0.7	0.35
75	75	157	SISMA SLV Y	0.7	0.35
75	75	49	SISMA SLV Y	0.7	0.35
75	75	46	SISMA SLV Y	0.7	0.35
75	75	153	SISMA SLD X	0.33	0.34
75	75	157	SISMA SLD X	0.33	0.34
75	75	49	SISMA SLD X	0.33	0.34
75	75	46	SISMA SLD X	0.33	0.34
75	75	153	SISMA SLD Y	0.34	0.17
75	75	157	SISMA SLD Y	0.34	0.17
75	75	49	SISMA SLD Y	0.34	0.17
75	75	46	SISMA SLD Y	0.34	0.17
75	75	153	SISMA SLO X	0.27	0.28
75	75	157	SISMA SLO X	0.27	0.28
75	75	49	SISMA SLO X	0.27	0.28
75	75	46	SISMA SLO X	0.27	0.28
75	75	153	SISMA SLO Y	0.28	0.14
75	75	157	SISMA SLO Y	0.28	0.14
75	75	49	SISMA SLO Y	0.28	0.14
75	75	46	SISMA SLO Y	0.28	0.14
75	75	153	SLT	0.	0.
75	75	157	SLT	0.	0.
75	75	49	SLT	0.	0.
75	75	46	SLT	0.	0.
75	75	153	~TorsionSISMA SLV X	0.	0.
75	75	157	~TorsionSISMA SLV X	0.	0.
75	75	49	~TorsionSISMA SLV X	0.	0.
75	75	46	~TorsionSISMA SLV X	0.	0.
75	75	153	~TorsionSISMA SLV Y	0.	0.
75	75	157	~TorsionSISMA SLV Y	0.	0.
75	75	49	~TorsionSISMA SLV Y	0.	0.
75	75	46	~TorsionSISMA SLV Y	0.	0.
75	75	153	~TorsionSISMA SLD X	0.	0.
75	75	157	~TorsionSISMA SLD X	0.	0.
75	75	49	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
75	75	46	~TorsionSISMA SLD X	0.	0.
75	75	153	~TorsionSISMA SLD Y	0.	0.
75	75	157	~TorsionSISMA SLD Y	0.	0.
75	75	49	~TorsionSISMA SLD Y	0.	0.
75	75	46	~TorsionSISMA SLD Y	0.	0.
75	75	153	~TorsionSISMA SLO X	0.	0.
75	75	157	~TorsionSISMA SLO X	0.	0.
75	75	49	~TorsionSISMA SLO X	0.	0.
75	75	46	~TorsionSISMA SLO X	0.	0.
75	75	153	~TorsionSISMA SLO Y	0.	0.
75	75	157	~TorsionSISMA SLO Y	0.	0.
75	75	49	~TorsionSISMA SLO Y	0.	0.
75	75	46	~TorsionSISMA SLO Y	0.	0.
76	76	46	G1_K	1.43	4.24
76	76	49	G1_K	1.43	4.24
76	76	121	G1_K	1.43	4.24
76	76	113	G1_K	1.43	4.24
76	76	46	G2_K	-7.122E-02	0.88
76	76	49	G2_K	-7.122E-02	0.88
76	76	121	G2_K	-7.122E-02	0.88
76	76	113	G2_K	-7.122E-02	0.88
76	76	46	Q_K	0.93	2.74
76	76	49	Q_K	0.93	2.74
76	76	121	Q_K	0.93	2.74
76	76	113	Q_K	0.93	2.74
76	76	46	N_K	0.11	0.33
76	76	49	N_K	0.11	0.33
76	76	121	N_K	0.11	0.33
76	76	113	N_K	0.11	0.33
76	76	46	T+_K	0.	0.
76	76	49	T+_K	0.	0.
76	76	121	T+_K	0.	0.
76	76	113	T+_K	0.	0.
76	76	46	T-_K	0.	0.
76	76	49	T-_K	0.	0.
76	76	121	T-_K	0.	0.
76	76	113	T-_K	0.	0.
76	76	46	G1_D	1.86	5.52
76	76	49	G1_D	1.86	5.52
76	76	121	G1_D	1.86	5.52
76	76	113	G1_D	1.86	5.52
76	76	46	G2_D	-9.258E-02	1.14
76	76	49	G2_D	-9.258E-02	1.14
76	76	121	G2_D	-9.258E-02	1.14

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
76	76	113	G2_D	-9.258E-02	1.14
76	76	46	Q_D	1.39	4.11
76	76	49	Q_D	1.39	4.11
76	76	121	Q_D	1.39	4.11
76	76	113	Q_D	1.39	4.11
76	76	46	N_D	0.17	0.49
76	76	49	N_D	0.17	0.49
76	76	121	N_D	0.17	0.49
76	76	113	N_D	0.17	0.49
76	76	46	T+_D	0.	0.
76	76	49	T+_D	0.	0.
76	76	121	T+_D	0.	0.
76	76	113	T+_D	0.	0.
76	76	46	T-_D	0.	0.
76	76	49	T-_D	0.	0.
76	76	121	T-_D	0.	0.
76	76	113	T-_D	0.	0.
76	76	46	W+_K	0.	0.
76	76	49	W+_K	0.	0.
76	76	121	W+_K	0.	0.
76	76	113	W+_K	0.	0.
76	76	46	W-_K	0.	0.
76	76	49	W-_K	0.	0.
76	76	121	W-_K	0.	0.
76	76	113	W-_K	0.	0.
76	76	46	W+_D	0.	0.
76	76	49	W+_D	0.	0.
76	76	121	W+_D	0.	0.
76	76	113	W+_D	0.	0.
76	76	46	W-_D	0.	0.
76	76	49	W-_D	0.	0.
76	76	121	W-_D	0.	0.
76	76	113	W-_D	0.	0.
76	76	46	SISMA SLV X	0.44	2.53
76	76	49	SISMA SLV X	0.44	2.53
76	76	121	SISMA SLV X	0.44	2.53
76	76	113	SISMA SLV X	0.44	2.53
76	76	46	SISMA SLV Y	0.58	1.2
76	76	49	SISMA SLV Y	0.58	1.2
76	76	121	SISMA SLV Y	0.58	1.2
76	76	113	SISMA SLV Y	0.58	1.2
76	76	46	SISMA SLD X	0.22	1.24
76	76	49	SISMA SLD X	0.22	1.24
76	76	121	SISMA SLD X	0.22	1.24
76	76	113	SISMA SLD X	0.22	1.24
76	76	46	SISMA SLD Y	0.28	0.58
76	76	49	SISMA SLD Y	0.28	0.58
76	76	121	SISMA SLD Y	0.28	0.58
76	76	113	SISMA SLD Y	0.28	0.58
76	76	46	SISMA SLO X	0.18	1.02
76	76	49	SISMA SLO X	0.18	1.02
76	76	121	SISMA SLO X	0.18	1.02
76	76	113	SISMA SLO X	0.18	1.02
76	76	46	SISMA SLO Y	0.23	0.48

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
76	76	49	SISMA SLO Y	0.23	0.48
76	76	121	SISMA SLO Y	0.23	0.48
76	76	113	SISMA SLO Y	0.23	0.48
76	76	46	SLT	0.	0.
76	76	49	SLT	0.	0.
76	76	121	SLT	0.	0.
76	76	113	SLT	0.	0.
76	76	46	~TorsionSISMA SLV X	0.	0.
76	76	49	~TorsionSISMA SLV X	0.	0.
76	76	121	~TorsionSISMA SLV X	0.	0.
76	76	113	~TorsionSISMA SLV X	0.	0.
76	76	46	~TorsionSISMA SLV Y	0.	0.
76	76	49	~TorsionSISMA SLV Y	0.	0.
76	76	121	~TorsionSISMA SLV Y	0.	0.
76	76	113	~TorsionSISMA SLV Y	0.	0.
76	76	46	~TorsionSISMA SLD X	0.	0.
76	76	49	~TorsionSISMA SLD X	0.	0.
76	76	121	~TorsionSISMA SLD X	0.	0.
76	76	113	~TorsionSISMA SLD X	0.	0.
76	76	46	~TorsionSISMA SLD Y	0.	0.
76	76	49	~TorsionSISMA SLD Y	0.	0.
76	76	121	~TorsionSISMA SLD Y	0.	0.
76	76	113	~TorsionSISMA SLD Y	0.	0.
76	76	46	~TorsionSISMA SLO X	0.	0.
76	76	49	~TorsionSISMA SLO X	0.	0.
76	76	121	~TorsionSISMA SLO X	0.	0.
76	76	113	~TorsionSISMA SLO X	0.	0.
76	76	46	~TorsionSISMA SLO Y	0.	0.
76	76	49	~TorsionSISMA SLO Y	0.	0.
76	76	121	~TorsionSISMA SLO Y	0.	0.
76	76	113	~TorsionSISMA SLO Y	0.	0.
77	77	155	G1_K	-3.213E-02	1.65
77	77	158	G1_K	-3.213E-02	1.65
77	77	50	G1_K	-3.213E-02	1.65
77	77	47	G1_K	-3.213E-02	1.65

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
77	77	155	G2_K	9.671E-03	1.57
77	77	158	G2_K	9.671E-03	1.57
77	77	50	G2_K	9.671E-03	1.57
77	77	47	G2_K	9.671E-03	1.57
77	77	155	Q_K	-2.081E-02	0.9
77	77	158	Q_K	-2.081E-02	0.9
77	77	50	Q_K	-2.081E-02	0.9
77	77	47	Q_K	-2.081E-02	0.9
77	77	155	N_K	-2.498E-03	0.11
77	77	158	N_K	-2.498E-03	0.11
77	77	50	N_K	-2.498E-03	0.11
77	77	47	N_K	-2.498E-03	0.11
77	77	155	T+_K	0.	0.
77	77	158	T+_K	0.	0.
77	77	50	T+_K	0.	0.
77	77	47	T+_K	0.	0.
77	77	155	T-_K	0.	0.
77	77	158	T-_K	0.	0.
77	77	50	T-_K	0.	0.
77	77	47	T-_K	0.	0.
77	77	155	G1_D	-4.176E-02	2.15
77	77	158	G1_D	-4.176E-02	2.15
77	77	50	G1_D	-4.176E-02	2.15
77	77	47	G1_D	-4.176E-02	2.15
77	77	155	G2_D	1.257E-02	2.04
77	77	158	G2_D	1.257E-02	2.04
77	77	50	G2_D	1.257E-02	2.04
77	77	47	G2_D	1.257E-02	2.04
77	77	155	Q_D	-3.122E-02	1.35
77	77	158	Q_D	-3.122E-02	1.35
77	77	50	Q_D	-3.122E-02	1.35
77	77	47	Q_D	-3.122E-02	1.35
77	77	155	N_D	-3.747E-03	0.16
77	77	158	N_D	-3.747E-03	0.16
77	77	50	N_D	-3.747E-03	0.16
77	77	47	N_D	-3.747E-03	0.16
77	77	155	T+_D	0.	0.
77	77	158	T+_D	0.	0.
77	77	50	T+_D	0.	0.
77	77	47	T+_D	0.	0.
77	77	155	T-_D	0.	0.
77	77	158	T-_D	0.	0.
77	77	50	T-_D	0.	0.
77	77	47	T-_D	0.	0.
77	77	155	W+_K	0.	0.
77	77	158	W+_K	0.	0.
77	77	50	W+_K	0.	0.
77	77	47	W+_K	0.	0.
77	77	155	W-_K	0.	0.
77	77	158	W-_K	0.	0.
77	77	50	W-_K	0.	0.
77	77	47	W-_K	0.	0.
77	77	155	W+_D	0.	0.
77	77	158	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
77	77	50	W+_D	0.	0.
77	77	47	W+_D	0.	0.
77	77	155	W-_D	0.	0.
77	77	158	W-_D	0.	0.
77	77	50	W-_D	0.	0.
77	77	47	W-_D	0.	0.
77	77	155	SISMA SLV X	4.732E-02	4.23
77	77	158	SISMA SLV X	4.732E-02	4.23
77	77	50	SISMA SLV X	4.732E-02	4.23
77	77	47	SISMA SLV X	4.732E-02	4.23
77	77	155	SISMA SLV Y	4.243E-02	2.01
77	77	158	SISMA SLV Y	4.243E-02	2.01
77	77	50	SISMA SLV Y	4.243E-02	2.01
77	77	47	SISMA SLV Y	4.243E-02	2.01
77	77	155	SISMA SLD X	2.310E-02	2.07
77	77	158	SISMA SLD X	2.310E-02	2.07
77	77	50	SISMA SLD X	2.310E-02	2.07
77	77	47	SISMA SLD X	2.310E-02	2.07
77	77	155	SISMA SLD Y	2.072E-02	0.98
77	77	158	SISMA SLD Y	2.072E-02	0.98
77	77	50	SISMA SLD Y	2.072E-02	0.98
77	77	47	SISMA SLD Y	2.072E-02	0.98
77	77	155	SISMA SLO X	1.907E-02	1.71
77	77	158	SISMA SLO X	1.907E-02	1.71
77	77	50	SISMA SLO X	1.907E-02	1.71
77	77	47	SISMA SLO X	1.907E-02	1.71
77	77	155	SISMA SLO Y	1.714E-02	0.81
77	77	158	SISMA SLO Y	1.714E-02	0.81
77	77	50	SISMA SLO Y	1.714E-02	0.81
77	77	47	SISMA SLO Y	1.714E-02	0.81
77	77	155	SLT	0.	0.
77	77	158	SLT	0.	0.
77	77	50	SLT	0.	0.
77	77	47	SLT	0.	0.
77	77	155	~TorsionSISMA SLV X	0.	0.
77	77	158	~TorsionSISMA SLV X	0.	0.
77	77	50	~TorsionSISMA SLV X	0.	0.
77	77	47	~TorsionSISMA SLV X	0.	0.
77	77	155	~TorsionSISMA SLV Y	0.	0.
77	77	158	~TorsionSISMA SLV Y	0.	0.
77	77	50	~TorsionSISMA SLV Y	0.	0.
77	77	47	~TorsionSISMA SLV Y	0.	0.
77	77	155	~TorsionSISMA SLD X	0.	0.
77	77	158	~TorsionSISMA SLD X	0.	0.
77	77	50	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
77	77	47	~TorsionSISMA SLD X	0.	0.
77	77	155	~TorsionSISMA SLD Y	0.	0.
77	77	158	~TorsionSISMA SLD Y	0.	0.
77	77	50	~TorsionSISMA SLD Y	0.	0.
77	77	47	~TorsionSISMA SLD Y	0.	0.
77	77	155	~TorsionSISMA SLO X	0.	0.
77	77	158	~TorsionSISMA SLO X	0.	0.
77	77	50	~TorsionSISMA SLO X	0.	0.
77	77	47	~TorsionSISMA SLO X	0.	0.
77	77	155	~TorsionSISMA SLO Y	0.	0.
77	77	158	~TorsionSISMA SLO Y	0.	0.
77	77	50	~TorsionSISMA SLO Y	0.	0.
77	77	47	~TorsionSISMA SLO Y	0.	0.
78	78	47	G1_K	-0.13	1.71
78	78	50	G1_K	-0.13	1.71
78	78	159	G1_K	-0.13	1.71
78	78	156	G1_K	-0.13	1.71
78	78	47	G2_K	0.11	1.43
78	78	50	G2_K	0.11	1.43
78	78	159	G2_K	0.11	1.43
78	78	156	G2_K	0.11	1.43
78	78	47	Q_K	-0.12	0.99
78	78	50	Q_K	-0.12	0.99
78	78	159	Q_K	-0.12	0.99
78	78	156	Q_K	-0.12	0.99
78	78	47	N_K	-1.432E-02	0.12
78	78	50	N_K	-1.432E-02	0.12
78	78	159	N_K	-1.432E-02	0.12
78	78	156	N_K	-1.432E-02	0.12
78	78	47	T+_K	0.	0.
78	78	50	T+_K	0.	0.
78	78	159	T+_K	0.	0.
78	78	156	T+_K	0.	0.
78	78	47	T-_K	0.	0.
78	78	50	T-_K	0.	0.
78	78	159	T-_K	0.	0.
78	78	156	T-_K	0.	0.
78	78	47	G1_D	-0.17	2.22
78	78	50	G1_D	-0.17	2.22
78	78	159	G1_D	-0.17	2.22
78	78	156	G1_D	-0.17	2.22
78	78	47	G2_D	0.15	1.86
78	78	50	G2_D	0.15	1.86
78	78	159	G2_D	0.15	1.86

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
78	78	156	G2_D	0.15	1.86
78	78	47	Q_D	-0.18	1.48
78	78	50	Q_D	-0.18	1.48
78	78	159	Q_D	-0.18	1.48
78	78	156	Q_D	-0.18	1.48
78	78	47	N_D	-2.148E-02	0.18
78	78	50	N_D	-2.148E-02	0.18
78	78	159	N_D	-2.148E-02	0.18
78	78	156	N_D	-2.148E-02	0.18
78	78	47	T+_D	0.	0.
78	78	50	T+_D	0.	0.
78	78	159	T+_D	0.	0.
78	78	156	T+_D	0.	0.
78	78	47	T-_D	0.	0.
78	78	50	T-_D	0.	0.
78	78	159	T-_D	0.	0.
78	78	156	T-_D	0.	0.
78	78	47	W+_K	0.	0.
78	78	50	W+_K	0.	0.
78	78	159	W+_K	0.	0.
78	78	156	W+_K	0.	0.
78	78	47	W-_K	0.	0.
78	78	50	W-_K	0.	0.
78	78	159	W-_K	0.	0.
78	78	156	W-_K	0.	0.
78	78	47	W+_D	0.	0.
78	78	50	W+_D	0.	0.
78	78	159	W+_D	0.	0.
78	78	156	W+_D	0.	0.
78	78	47	W-_D	0.	0.
78	78	50	W-_D	0.	0.
78	78	159	W-_D	0.	0.
78	78	156	W-_D	0.	0.
78	78	47	SISMA SLV X	0.27	3.67
78	78	50	SISMA SLV X	0.27	3.67
78	78	159	SISMA SLV X	0.27	3.67
78	78	156	SISMA SLV X	0.27	3.67
78	78	47	SISMA SLV Y	0.22	1.79
78	78	50	SISMA SLV Y	0.22	1.79
78	78	159	SISMA SLV Y	0.22	1.79
78	78	156	SISMA SLV Y	0.22	1.79
78	78	47	SISMA SLD X	0.13	1.79
78	78	50	SISMA SLD X	0.13	1.79
78	78	159	SISMA SLD X	0.13	1.79
78	78	156	SISMA SLD X	0.13	1.79
78	78	47	SISMA SLD Y	0.11	0.88
78	78	50	SISMA SLD Y	0.11	0.88
78	78	159	SISMA SLD Y	0.11	0.88
78	78	156	SISMA SLD Y	0.11	0.88
78	78	47	SISMA SLO X	0.11	1.49
78	78	50	SISMA SLO X	0.11	1.49
78	78	159	SISMA SLO X	0.11	1.49
78	78	156	SISMA SLO X	0.11	1.49
78	78	47	SISMA SLO Y	8.729E-02	0.72

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
78	78	50	SISMA SLO Y	8.729E-02	0.72
78	78	159	SISMA SLO Y	8.729E-02	0.72
78	78	156	SISMA SLO Y	8.729E-02	0.72
78	78	47	SLT	0.	0.
78	78	50	SLT	0.	0.
78	78	159	SLT	0.	0.
78	78	156	SLT	0.	0.
78	78	47	~TorsionSISMA SLV X	0.	0.
78	78	50	~TorsionSISMA SLV X	0.	0.
78	78	159	~TorsionSISMA SLV X	0.	0.
78	78	156	~TorsionSISMA SLV X	0.	0.
78	78	47	~TorsionSISMA SLV Y	0.	0.
78	78	50	~TorsionSISMA SLV Y	0.	0.
78	78	159	~TorsionSISMA SLV Y	0.	0.
78	78	156	~TorsionSISMA SLV Y	0.	0.
78	78	47	~TorsionSISMA SLD X	0.	0.
78	78	50	~TorsionSISMA SLD X	0.	0.
78	78	159	~TorsionSISMA SLD X	0.	0.
78	78	156	~TorsionSISMA SLD X	0.	0.
78	78	47	~TorsionSISMA SLD Y	0.	0.
78	78	50	~TorsionSISMA SLD Y	0.	0.
78	78	159	~TorsionSISMA SLD Y	0.	0.
78	78	156	~TorsionSISMA SLD Y	0.	0.
78	78	47	~TorsionSISMA SLO X	0.	0.
78	78	50	~TorsionSISMA SLO X	0.	0.
78	78	159	~TorsionSISMA SLO X	0.	0.
78	78	156	~TorsionSISMA SLO X	0.	0.
78	78	47	~TorsionSISMA SLO Y	0.	0.
78	78	50	~TorsionSISMA SLO Y	0.	0.
78	78	159	~TorsionSISMA SLO Y	0.	0.
78	78	156	~TorsionSISMA SLO Y	0.	0.
79	79	156	G1_K	-0.4	1.96
79	79	159	G1_K	-0.4	1.96
79	79	51	G1_K	-0.4	1.96
79	79	48	G1_K	-0.4	1.96

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
79	79	156	G2_K	0.15	1.28
79	79	159	G2_K	0.15	1.28
79	79	51	G2_K	0.15	1.28
79	79	48	G2_K	0.15	1.28
79	79	156	Q_K	-0.28	1.2
79	79	159	Q_K	-0.28	1.2
79	79	51	Q_K	-0.28	1.2
79	79	48	Q_K	-0.28	1.2
79	79	156	N_K	-3.349E-02	0.14
79	79	159	N_K	-3.349E-02	0.14
79	79	51	N_K	-3.349E-02	0.14
79	79	48	N_K	-3.349E-02	0.14
79	79	156	T+_K	0.	0.
79	79	159	T+_K	0.	0.
79	79	51	T+_K	0.	0.
79	79	48	T+_K	0.	0.
79	79	156	T-_K	0.	0.
79	79	159	T-_K	0.	0.
79	79	51	T-_K	0.	0.
79	79	48	T-_K	0.	0.
79	79	156	G1_D	-0.52	2.54
79	79	159	G1_D	-0.52	2.54
79	79	51	G1_D	-0.52	2.54
79	79	48	G1_D	-0.52	2.54
79	79	156	G2_D	0.2	1.66
79	79	159	G2_D	0.2	1.66
79	79	51	G2_D	0.2	1.66
79	79	48	G2_D	0.2	1.66
79	79	156	Q_D	-0.42	1.8
79	79	159	Q_D	-0.42	1.8
79	79	51	Q_D	-0.42	1.8
79	79	48	Q_D	-0.42	1.8
79	79	156	N_D	-5.023E-02	0.22
79	79	159	N_D	-5.023E-02	0.22
79	79	51	N_D	-5.023E-02	0.22
79	79	48	N_D	-5.023E-02	0.22
79	79	156	T+_D	0.	0.
79	79	159	T+_D	0.	0.
79	79	51	T+_D	0.	0.
79	79	48	T+_D	0.	0.
79	79	156	T-_D	0.	0.
79	79	159	T-_D	0.	0.
79	79	51	T-_D	0.	0.
79	79	48	T-_D	0.	0.
79	79	156	W+_K	0.	0.
79	79	159	W+_K	0.	0.
79	79	51	W+_K	0.	0.
79	79	48	W+_K	0.	0.
79	79	156	W-_K	0.	0.
79	79	159	W-_K	0.	0.
79	79	51	W-_K	0.	0.
79	79	48	W-_K	0.	0.
79	79	156	W+_D	0.	0.
79	79	159	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
79	79	51	W+_D	0.	0.
79	79	48	W+_D	0.	0.
79	79	156	W-_D	0.	0.
79	79	159	W-_D	0.	0.
79	79	51	W-_D	0.	0.
79	79	48	W-_D	0.	0.
79	79	156	SISMA SLV X	0.49	2.84
79	79	159	SISMA SLV X	0.49	2.84
79	79	51	SISMA SLV X	0.49	2.84
79	79	48	SISMA SLV X	0.49	2.84
79	79	156	SISMA SLV Y	0.38	1.38
79	79	159	SISMA SLV Y	0.38	1.38
79	79	51	SISMA SLV Y	0.38	1.38
79	79	48	SISMA SLV Y	0.38	1.38
79	79	156	SISMA SLD X	0.24	1.39
79	79	159	SISMA SLD X	0.24	1.39
79	79	51	SISMA SLD X	0.24	1.39
79	79	48	SISMA SLD X	0.24	1.39
79	79	156	SISMA SLD Y	0.19	0.67
79	79	159	SISMA SLD Y	0.19	0.67
79	79	51	SISMA SLD Y	0.19	0.67
79	79	48	SISMA SLD Y	0.19	0.67
79	79	156	SISMA SLO X	0.2	1.15
79	79	159	SISMA SLO X	0.2	1.15
79	79	51	SISMA SLO X	0.2	1.15
79	79	48	SISMA SLO X	0.2	1.15
79	79	156	SISMA SLO Y	0.15	0.56
79	79	159	SISMA SLO Y	0.15	0.56
79	79	51	SISMA SLO Y	0.15	0.56
79	79	48	SISMA SLO Y	0.15	0.56
79	79	156	SLT	0.	0.
79	79	159	SLT	0.	0.
79	79	51	SLT	0.	0.
79	79	48	SLT	0.	0.
79	79	156	~TorsionSISMA SLV X	0.	0.
79	79	159	~TorsionSISMA SLV X	0.	0.
79	79	51	~TorsionSISMA SLV X	0.	0.
79	79	48	~TorsionSISMA SLV X	0.	0.
79	79	156	~TorsionSISMA SLV Y	0.	0.
79	79	159	~TorsionSISMA SLV Y	0.	0.
79	79	51	~TorsionSISMA SLV Y	0.	0.
79	79	48	~TorsionSISMA SLV Y	0.	0.
79	79	156	~TorsionSISMA SLD X	0.	0.
79	79	159	~TorsionSISMA SLD X	0.	0.
79	79	51	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
79	79	48	~TorsionSISMA SLD X	0.	0.
79	79	156	~TorsionSISMA SLD Y	0.	0.
79	79	159	~TorsionSISMA SLD Y	0.	0.
79	79	51	~TorsionSISMA SLD Y	0.	0.
79	79	48	~TorsionSISMA SLD Y	0.	0.
79	79	156	~TorsionSISMA SLO X	0.	0.
79	79	159	~TorsionSISMA SLO X	0.	0.
79	79	51	~TorsionSISMA SLO X	0.	0.
79	79	48	~TorsionSISMA SLO X	0.	0.
79	79	156	~TorsionSISMA SLO Y	0.	0.
79	79	159	~TorsionSISMA SLO Y	0.	0.
79	79	51	~TorsionSISMA SLO Y	0.	0.
79	79	48	~TorsionSISMA SLO Y	0.	0.
80	80	48	G1_K	-0.53	2.53
80	80	51	G1_K	-0.53	2.53
80	80	160	G1_K	-0.53	2.53
80	80	157	G1_K	-0.53	2.53
80	80	48	G2_K	0.16	1.19
80	80	51	G2_K	0.16	1.19
80	80	160	G2_K	0.16	1.19
80	80	157	G2_K	0.16	1.19
80	80	48	Q_K	-0.35	1.6
80	80	51	Q_K	-0.35	1.6
80	80	160	Q_K	-0.35	1.6
80	80	157	Q_K	-0.35	1.6
80	80	48	N_K	-4.255E-02	0.19
80	80	51	N_K	-4.255E-02	0.19
80	80	160	N_K	-4.255E-02	0.19
80	80	157	N_K	-4.255E-02	0.19
80	80	48	T+_K	0.	0.
80	80	51	T+_K	0.	0.
80	80	160	T+_K	0.	0.
80	80	157	T+_K	0.	0.
80	80	48	T-_K	0.	0.
80	80	51	T-_K	0.	0.
80	80	160	T-_K	0.	0.
80	80	157	T-_K	0.	0.
80	80	48	G1_D	-0.68	3.28
80	80	51	G1_D	-0.68	3.28
80	80	160	G1_D	-0.68	3.28
80	80	157	G1_D	-0.68	3.28
80	80	48	G2_D	0.2	1.55
80	80	51	G2_D	0.2	1.55
80	80	160	G2_D	0.2	1.55

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
80	80	157	G2_D	0.2	1.55
80	80	48	Q_D	-0.53	2.39
80	80	51	Q_D	-0.53	2.39
80	80	160	Q_D	-0.53	2.39
80	80	157	Q_D	-0.53	2.39
80	80	48	N_D	-6.382E-02	0.29
80	80	51	N_D	-6.382E-02	0.29
80	80	160	N_D	-6.382E-02	0.29
80	80	157	N_D	-6.382E-02	0.29
80	80	48	T+_D	0.	0.
80	80	51	T+_D	0.	0.
80	80	160	T+_D	0.	0.
80	80	157	T+_D	0.	0.
80	80	48	T-_D	0.	0.
80	80	51	T-_D	0.	0.
80	80	160	T-_D	0.	0.
80	80	157	T-_D	0.	0.
80	80	48	W+_K	0.	0.
80	80	51	W+_K	0.	0.
80	80	160	W+_K	0.	0.
80	80	157	W+_K	0.	0.
80	80	48	W-_K	0.	0.
80	80	51	W-_K	0.	0.
80	80	160	W-_K	0.	0.
80	80	157	W-_K	0.	0.
80	80	48	W+_D	0.	0.
80	80	51	W+_D	0.	0.
80	80	160	W+_D	0.	0.
80	80	157	W+_D	0.	0.
80	80	48	W-_D	0.	0.
80	80	51	W-_D	0.	0.
80	80	160	W-_D	0.	0.
80	80	157	W-_D	0.	0.
80	80	48	SISMA SLV X	0.59	1.47
80	80	51	SISMA SLV X	0.59	1.47
80	80	160	SISMA SLV X	0.59	1.47
80	80	157	SISMA SLV X	0.59	1.47
80	80	48	SISMA SLV Y	0.49	0.73
80	80	51	SISMA SLV Y	0.49	0.73
80	80	160	SISMA SLV Y	0.49	0.73
80	80	157	SISMA SLV Y	0.49	0.73
80	80	48	SISMA SLD X	0.29	0.72
80	80	51	SISMA SLD X	0.29	0.72
80	80	160	SISMA SLD X	0.29	0.72
80	80	157	SISMA SLD X	0.29	0.72
80	80	48	SISMA SLD Y	0.24	0.36
80	80	51	SISMA SLD Y	0.24	0.36
80	80	160	SISMA SLD Y	0.24	0.36
80	80	157	SISMA SLD Y	0.24	0.36
80	80	48	SISMA SLO X	0.24	0.6
80	80	51	SISMA SLO X	0.24	0.6
80	80	160	SISMA SLO X	0.24	0.6
80	80	157	SISMA SLO X	0.24	0.6
80	80	48	SISMA SLO Y	0.2	0.3

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
80	80	51	SISMA SLO Y	0.2	0.3
80	80	160	SISMA SLO Y	0.2	0.3
80	80	157	SISMA SLO Y	0.2	0.3
80	80	48	SLT	0.	0.
80	80	51	SLT	0.	0.
80	80	160	SLT	0.	0.
80	80	157	SLT	0.	0.
80	80	48	~TorsionSISMA SLV X	0.	0.
80	80	51	~TorsionSISMA SLV X	0.	0.
80	80	160	~TorsionSISMA SLV X	0.	0.
80	80	157	~TorsionSISMA SLV X	0.	0.
80	80	48	~TorsionSISMA SLV Y	0.	0.
80	80	51	~TorsionSISMA SLV Y	0.	0.
80	80	160	~TorsionSISMA SLV Y	0.	0.
80	80	157	~TorsionSISMA SLV Y	0.	0.
80	80	48	~TorsionSISMA SLD X	0.	0.
80	80	51	~TorsionSISMA SLD X	0.	0.
80	80	160	~TorsionSISMA SLD X	0.	0.
80	80	157	~TorsionSISMA SLD X	0.	0.
80	80	48	~TorsionSISMA SLD Y	0.	0.
80	80	51	~TorsionSISMA SLD Y	0.	0.
80	80	160	~TorsionSISMA SLD Y	0.	0.
80	80	157	~TorsionSISMA SLD Y	0.	0.
80	80	48	~TorsionSISMA SLO X	0.	0.
80	80	51	~TorsionSISMA SLO X	0.	0.
80	80	160	~TorsionSISMA SLO X	0.	0.
80	80	157	~TorsionSISMA SLO X	0.	0.
80	80	48	~TorsionSISMA SLO Y	0.	0.
80	80	51	~TorsionSISMA SLO Y	0.	0.
80	80	160	~TorsionSISMA SLO Y	0.	0.
80	80	157	~TorsionSISMA SLO Y	0.	0.
81	81	157	G1_K	-0.94	3.31
81	81	160	G1_K	-0.94	3.31
81	81	52	G1_K	-0.94	3.31
81	81	49	G1_K	-0.94	3.31

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
81	81	157	G2_K	0.24	1.09
81	81	160	G2_K	0.24	1.09
81	81	52	G2_K	0.24	1.09
81	81	49	G2_K	0.24	1.09
81	81	157	Q_K	-0.61	2.12
81	81	160	Q_K	-0.61	2.12
81	81	52	Q_K	-0.61	2.12
81	81	49	Q_K	-0.61	2.12
81	81	157	N_K	-7.378E-02	0.25
81	81	160	N_K	-7.378E-02	0.25
81	81	52	N_K	-7.378E-02	0.25
81	81	49	N_K	-7.378E-02	0.25
81	81	157	T+_K	0.	0.
81	81	160	T+_K	0.	0.
81	81	52	T+_K	0.	0.
81	81	49	T+_K	0.	0.
81	81	157	T-_K	0.	0.
81	81	160	T-_K	0.	0.
81	81	52	T-_K	0.	0.
81	81	49	T-_K	0.	0.
81	81	157	G1_D	-1.22	4.31
81	81	160	G1_D	-1.22	4.31
81	81	52	G1_D	-1.22	4.31
81	81	49	G1_D	-1.22	4.31
81	81	157	G2_D	0.31	1.42
81	81	160	G2_D	0.31	1.42
81	81	52	G2_D	0.31	1.42
81	81	49	G2_D	0.31	1.42
81	81	157	Q_D	-0.92	3.19
81	81	160	Q_D	-0.92	3.19
81	81	52	Q_D	-0.92	3.19
81	81	49	Q_D	-0.92	3.19
81	81	157	N_D	-0.11	0.38
81	81	160	N_D	-0.11	0.38
81	81	52	N_D	-0.11	0.38
81	81	49	N_D	-0.11	0.38
81	81	157	T+_D	0.	0.
81	81	160	T+_D	0.	0.
81	81	52	T+_D	0.	0.
81	81	49	T+_D	0.	0.
81	81	157	T-_D	0.	0.
81	81	160	T-_D	0.	0.
81	81	52	T-_D	0.	0.
81	81	49	T-_D	0.	0.
81	81	157	W+_K	0.	0.
81	81	160	W+_K	0.	0.
81	81	52	W+_K	0.	0.
81	81	49	W+_K	0.	0.
81	81	157	W-_K	0.	0.
81	81	160	W-_K	0.	0.
81	81	52	W-_K	0.	0.
81	81	49	W-_K	0.	0.
81	81	157	W+_D	0.	0.
81	81	160	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
81	81	52	W+_D	0.	0.
81	81	49	W+_D	0.	0.
81	81	157	W-_D	0.	0.
81	81	160	W-_D	0.	0.
81	81	52	W-_D	0.	0.
81	81	49	W-_D	0.	0.
81	81	157	SISMA SLV X	0.56	0.65
81	81	160	SISMA SLV X	0.56	0.65
81	81	52	SISMA SLV X	0.56	0.65
81	81	49	SISMA SLV X	0.56	0.65
81	81	157	SISMA SLV Y	0.59	0.28
81	81	160	SISMA SLV Y	0.59	0.28
81	81	52	SISMA SLV Y	0.59	0.28
81	81	49	SISMA SLV Y	0.59	0.28
81	81	157	SISMA SLD X	0.27	0.32
81	81	160	SISMA SLD X	0.27	0.32
81	81	52	SISMA SLD X	0.27	0.32
81	81	49	SISMA SLD X	0.27	0.32
81	81	157	SISMA SLD Y	0.29	0.14
81	81	160	SISMA SLD Y	0.29	0.14
81	81	52	SISMA SLD Y	0.29	0.14
81	81	49	SISMA SLD Y	0.29	0.14
81	81	157	SISMA SLO X	0.23	0.26
81	81	160	SISMA SLO X	0.23	0.26
81	81	52	SISMA SLO X	0.23	0.26
81	81	49	SISMA SLO X	0.23	0.26
81	81	157	SISMA SLO Y	0.24	0.11
81	81	160	SISMA SLO Y	0.24	0.11
81	81	52	SISMA SLO Y	0.24	0.11
81	81	49	SISMA SLO Y	0.24	0.11
81	81	157	SLT	0.	0.
81	81	160	SLT	0.	0.
81	81	52	SLT	0.	0.
81	81	49	SLT	0.	0.
81	81	157	~TorsionSISMA SLV X	0.	0.
81	81	160	~TorsionSISMA SLV X	0.	0.
81	81	52	~TorsionSISMA SLV X	0.	0.
81	81	49	~TorsionSISMA SLV X	0.	0.
81	81	157	~TorsionSISMA SLV Y	0.	0.
81	81	160	~TorsionSISMA SLV Y	0.	0.
81	81	52	~TorsionSISMA SLV Y	0.	0.
81	81	49	~TorsionSISMA SLV Y	0.	0.
81	81	157	~TorsionSISMA SLD X	0.	0.
81	81	160	~TorsionSISMA SLD X	0.	0.
81	81	52	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
81	81	49	~TorsionSISMA SLD X	0.	0.
81	81	157	~TorsionSISMA SLD Y	0.	0.
81	81	160	~TorsionSISMA SLD Y	0.	0.
81	81	52	~TorsionSISMA SLD Y	0.	0.
81	81	49	~TorsionSISMA SLD Y	0.	0.
81	81	157	~TorsionSISMA SLO X	0.	0.
81	81	160	~TorsionSISMA SLO X	0.	0.
81	81	52	~TorsionSISMA SLO X	0.	0.
81	81	49	~TorsionSISMA SLO X	0.	0.
81	81	157	~TorsionSISMA SLO Y	0.	0.
81	81	160	~TorsionSISMA SLO Y	0.	0.
81	81	52	~TorsionSISMA SLO Y	0.	0.
81	81	49	~TorsionSISMA SLO Y	0.	0.
82	82	49	G1_K	-1.57	4.12
82	82	52	G1_K	-1.57	4.12
82	82	126	G1_K	-1.57	4.12
82	82	121	G1_K	-1.57	4.12
82	82	49	G2_K	0.39	1.1
82	82	52	G2_K	0.39	1.1
82	82	126	G2_K	0.39	1.1
82	82	121	G2_K	0.39	1.1
82	82	49	Q_K	-1.01	2.65
82	82	52	Q_K	-1.01	2.65
82	82	126	Q_K	-1.01	2.65
82	82	121	Q_K	-1.01	2.65
82	82	49	N_K	-0.12	0.32
82	82	52	N_K	-0.12	0.32
82	82	126	N_K	-0.12	0.32
82	82	121	N_K	-0.12	0.32
82	82	49	T+_K	0.	0.
82	82	52	T+_K	0.	0.
82	82	126	T+_K	0.	0.
82	82	121	T+_K	0.	0.
82	82	49	T-_K	0.	0.
82	82	52	T-_K	0.	0.
82	82	126	T-_K	0.	0.
82	82	121	T-_K	0.	0.
82	82	49	G1_D	-2.05	5.35
82	82	52	G1_D	-2.05	5.35
82	82	126	G1_D	-2.05	5.35
82	82	121	G1_D	-2.05	5.35
82	82	49	G2_D	0.51	1.43
82	82	52	G2_D	0.51	1.43
82	82	126	G2_D	0.51	1.43

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
82	82	121	G2_D	0.51	1.43
82	82	49	Q_D	-1.52	3.98
82	82	52	Q_D	-1.52	3.98
82	82	126	Q_D	-1.52	3.98
82	82	121	Q_D	-1.52	3.98
82	82	49	N_D	-0.18	0.48
82	82	52	N_D	-0.18	0.48
82	82	126	N_D	-0.18	0.48
82	82	121	N_D	-0.18	0.48
82	82	49	T+_D	0.	0.
82	82	52	T+_D	0.	0.
82	82	126	T+_D	0.	0.
82	82	121	T+_D	0.	0.
82	82	49	T-_D	0.	0.
82	82	52	T-_D	0.	0.
82	82	126	T-_D	0.	0.
82	82	121	T-_D	0.	0.
82	82	49	W+_K	0.	0.
82	82	52	W+_K	0.	0.
82	82	126	W+_K	0.	0.
82	82	121	W+_K	0.	0.
82	82	49	W-_K	0.	0.
82	82	52	W-_K	0.	0.
82	82	126	W-_K	0.	0.
82	82	121	W-_K	0.	0.
82	82	49	W+_D	0.	0.
82	82	52	W+_D	0.	0.
82	82	126	W+_D	0.	0.
82	82	121	W+_D	0.	0.
82	82	49	W-_D	0.	0.
82	82	52	W-_D	0.	0.
82	82	126	W-_D	0.	0.
82	82	121	W-_D	0.	0.
82	82	49	SISMA SLV X	0.39	2.64
82	82	52	SISMA SLV X	0.39	2.64
82	82	126	SISMA SLV X	0.39	2.64
82	82	121	SISMA SLV X	0.39	2.64
82	82	49	SISMA SLV Y	0.63	1.17
82	82	52	SISMA SLV Y	0.63	1.17
82	82	126	SISMA SLV Y	0.63	1.17
82	82	121	SISMA SLV Y	0.63	1.17
82	82	49	SISMA SLD X	0.19	1.29
82	82	52	SISMA SLD X	0.19	1.29
82	82	126	SISMA SLD X	0.19	1.29
82	82	121	SISMA SLD X	0.19	1.29
82	82	49	SISMA SLD Y	0.31	0.57
82	82	52	SISMA SLD Y	0.31	0.57
82	82	126	SISMA SLD Y	0.31	0.57
82	82	121	SISMA SLD Y	0.31	0.57
82	82	49	SISMA SLO X	0.16	1.07
82	82	52	SISMA SLO X	0.16	1.07
82	82	126	SISMA SLO X	0.16	1.07
82	82	121	SISMA SLO X	0.16	1.07
82	82	49	SISMA SLO Y	0.25	0.47

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
82	82	52	SISMA SLO Y	0.25	0.47
82	82	126	SISMA SLO Y	0.25	0.47
82	82	121	SISMA SLO Y	0.25	0.47
82	82	49	SLT	0.	0.
82	82	52	SLT	0.	0.
82	82	126	SLT	0.	0.
82	82	121	SLT	0.	0.
82	82	49	~TorsionSISMA SLV X	0.	0.
82	82	52	~TorsionSISMA SLV X	0.	0.
82	82	126	~TorsionSISMA SLV X	0.	0.
82	82	121	~TorsionSISMA SLV X	0.	0.
82	82	49	~TorsionSISMA SLV Y	0.	0.
82	82	52	~TorsionSISMA SLV Y	0.	0.
82	82	126	~TorsionSISMA SLV Y	0.	0.
82	82	121	~TorsionSISMA SLV Y	0.	0.
82	82	49	~TorsionSISMA SLD X	0.	0.
82	82	52	~TorsionSISMA SLD X	0.	0.
82	82	126	~TorsionSISMA SLD X	0.	0.
82	82	121	~TorsionSISMA SLD X	0.	0.
82	82	49	~TorsionSISMA SLD Y	0.	0.
82	82	52	~TorsionSISMA SLD Y	0.	0.
82	82	126	~TorsionSISMA SLD Y	0.	0.
82	82	121	~TorsionSISMA SLD Y	0.	0.
82	82	49	~TorsionSISMA SLO X	0.	0.
82	82	52	~TorsionSISMA SLO X	0.	0.
82	82	126	~TorsionSISMA SLO X	0.	0.
82	82	121	~TorsionSISMA SLO X	0.	0.
82	82	49	~TorsionSISMA SLO Y	0.	0.
82	82	52	~TorsionSISMA SLO Y	0.	0.
82	82	126	~TorsionSISMA SLO Y	0.	0.
82	82	121	~TorsionSISMA SLO Y	0.	0.
83	83	158	G1_K	0.11	1.69
83	83	102	G1_K	0.11	1.69
83	83	18	G1_K	0.11	1.69
83	83	50	G1_K	0.11	1.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
83	83	158	G2_K	0.24	2.93
83	83	102	G2_K	0.24	2.93
83	83	18	G2_K	0.24	2.93
83	83	50	G2_K	0.24	2.93
83	83	158	Q_K	-3.593E-02	0.43
83	83	102	Q_K	-3.593E-02	0.43
83	83	18	Q_K	-3.593E-02	0.43
83	83	50	Q_K	-3.593E-02	0.43
83	83	158	N_K	-4.311E-03	5.202E-02
83	83	102	N_K	-4.311E-03	5.202E-02
83	83	18	N_K	-4.311E-03	5.202E-02
83	83	50	N_K	-4.311E-03	5.202E-02
83	83	158	T+_K	0.	0.
83	83	102	T+_K	0.	0.
83	83	18	T+_K	0.	0.
83	83	50	T+_K	0.	0.
83	83	158	T-_K	0.	0.
83	83	102	T-_K	0.	0.
83	83	18	T-_K	0.	0.
83	83	50	T-_K	0.	0.
83	83	158	G1_D	0.14	2.2
83	83	102	G1_D	0.14	2.2
83	83	18	G1_D	0.14	2.2
83	83	50	G1_D	0.14	2.2
83	83	158	G2_D	0.31	3.8
83	83	102	G2_D	0.31	3.8
83	83	18	G2_D	0.31	3.8
83	83	50	G2_D	0.31	3.8
83	83	158	Q_D	-5.389E-02	0.65
83	83	102	Q_D	-5.389E-02	0.65
83	83	18	Q_D	-5.389E-02	0.65
83	83	50	Q_D	-5.389E-02	0.65
83	83	158	N_D	-6.467E-03	7.803E-02
83	83	102	N_D	-6.467E-03	7.803E-02
83	83	18	N_D	-6.467E-03	7.803E-02
83	83	50	N_D	-6.467E-03	7.803E-02
83	83	158	T+_D	0.	0.
83	83	102	T+_D	0.	0.
83	83	18	T+_D	0.	0.
83	83	50	T+_D	0.	0.
83	83	158	T-_D	0.	0.
83	83	102	T-_D	0.	0.
83	83	18	T-_D	0.	0.
83	83	50	T-_D	0.	0.
83	83	158	W+_K	0.	0.
83	83	102	W+_K	0.	0.
83	83	18	W+_K	0.	0.
83	83	50	W+_K	0.	0.
83	83	158	W-_K	0.	0.
83	83	102	W-_K	0.	0.
83	83	18	W-_K	0.	0.
83	83	50	W-_K	0.	0.
83	83	158	W+_D	0.	0.
83	83	102	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
83	83	18	W+_D	0.	0.
83	83	50	W+_D	0.	0.
83	83	158	W-_D	0.	0.
83	83	102	W-_D	0.	0.
83	83	18	W-_D	0.	0.
83	83	50	W-_D	0.	0.
83	83	158	SISMA SLV X	0.13	4.11
83	83	102	SISMA SLV X	0.13	4.11
83	83	18	SISMA SLV X	0.13	4.11
83	83	50	SISMA SLV X	0.13	4.11
83	83	158	SISMA SLV Y	9.256E-02	2.04
83	83	102	SISMA SLV Y	9.256E-02	2.04
83	83	18	SISMA SLV Y	9.256E-02	2.04
83	83	50	SISMA SLV Y	9.256E-02	2.04
83	83	158	SISMA SLD X	6.312E-02	2.01
83	83	102	SISMA SLD X	6.312E-02	2.01
83	83	18	SISMA SLD X	6.312E-02	2.01
83	83	50	SISMA SLD X	6.312E-02	2.01
83	83	158	SISMA SLD Y	4.520E-02	1.
83	83	102	SISMA SLD Y	4.520E-02	1.
83	83	18	SISMA SLD Y	4.520E-02	1.
83	83	50	SISMA SLD Y	4.520E-02	1.
83	83	158	SISMA SLO X	5.223E-02	1.66
83	83	102	SISMA SLO X	5.223E-02	1.66
83	83	18	SISMA SLO X	5.223E-02	1.66
83	83	50	SISMA SLO X	5.223E-02	1.66
83	83	158	SISMA SLO Y	3.739E-02	0.83
83	83	102	SISMA SLO Y	3.739E-02	0.83
83	83	18	SISMA SLO Y	3.739E-02	0.83
83	83	50	SISMA SLO Y	3.739E-02	0.83
83	83	158	SLT	0.	0.
83	83	102	SLT	0.	0.
83	83	18	SLT	0.	0.
83	83	50	SLT	0.	0.
83	83	158	~TorsionSISMA SLV X	0.	0.
83	83	102	~TorsionSISMA SLV X	0.	0.
83	83	18	~TorsionSISMA SLV X	0.	0.
83	83	50	~TorsionSISMA SLV X	0.	0.
83	83	158	~TorsionSISMA SLV Y	0.	0.
83	83	102	~TorsionSISMA SLV Y	0.	0.
83	83	18	~TorsionSISMA SLV Y	0.	0.
83	83	50	~TorsionSISMA SLV Y	0.	0.
83	83	158	~TorsionSISMA SLD X	0.	0.
83	83	102	~TorsionSISMA SLD X	0.	0.
83	83	18	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
83	83	50	~TorsionSISMA SLD X	0.	0.
83	83	158	~TorsionSISMA SLD Y	0.	0.
83	83	102	~TorsionSISMA SLD Y	0.	0.
83	83	18	~TorsionSISMA SLD Y	0.	0.
83	83	50	~TorsionSISMA SLD Y	0.	0.
83	83	158	~TorsionSISMA SLO X	0.	0.
83	83	102	~TorsionSISMA SLO X	0.	0.
83	83	18	~TorsionSISMA SLO X	0.	0.
83	83	50	~TorsionSISMA SLO X	0.	0.
83	83	158	~TorsionSISMA SLO Y	0.	0.
83	83	102	~TorsionSISMA SLO Y	0.	0.
83	83	18	~TorsionSISMA SLO Y	0.	0.
83	83	50	~TorsionSISMA SLO Y	0.	0.
84	84	50	G1_K	-0.21	-0.27
84	84	18	G1_K	-0.21	-0.27
84	84	136	G1_K	-0.21	-0.27
84	84	159	G1_K	-0.21	-0.27
84	84	50	G2_K	0.56	1.25
84	84	18	G2_K	0.56	1.25
84	84	136	G2_K	0.56	1.25
84	84	159	G2_K	0.56	1.25
84	84	50	Q_K	-0.33	-0.13
84	84	18	Q_K	-0.33	-0.13
84	84	136	Q_K	-0.33	-0.13
84	84	159	Q_K	-0.33	-0.13
84	84	50	N_K	-4.000E-02	-1.602E-02
84	84	18	N_K	-4.000E-02	-1.602E-02
84	84	136	N_K	-4.000E-02	-1.602E-02
84	84	159	N_K	-4.000E-02	-1.602E-02
84	84	50	T+_K	0.	0.
84	84	18	T+_K	0.	0.
84	84	136	T+_K	0.	0.
84	84	159	T+_K	0.	0.
84	84	50	T-_K	0.	0.
84	84	18	T-_K	0.	0.
84	84	136	T-_K	0.	0.
84	84	159	T-_K	0.	0.
84	84	50	G1_D	-0.27	-0.35
84	84	18	G1_D	-0.27	-0.35
84	84	136	G1_D	-0.27	-0.35
84	84	159	G1_D	-0.27	-0.35
84	84	50	G2_D	0.73	1.63
84	84	18	G2_D	0.73	1.63
84	84	136	G2_D	0.73	1.63

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
84	84	159	G2_D	0.73	1.63
84	84	50	Q_D	-0.5	-0.2
84	84	18	Q_D	-0.5	-0.2
84	84	136	Q_D	-0.5	-0.2
84	84	159	Q_D	-0.5	-0.2
84	84	50	N_D	-6.001E-02	-2.403E-02
84	84	18	N_D	-6.001E-02	-2.403E-02
84	84	136	N_D	-6.001E-02	-2.403E-02
84	84	159	N_D	-6.001E-02	-2.403E-02
84	84	50	T+_D	0.	0.
84	84	18	T+_D	0.	0.
84	84	136	T+_D	0.	0.
84	84	159	T+_D	0.	0.
84	84	50	T-_D	0.	0.
84	84	18	T-_D	0.	0.
84	84	136	T-_D	0.	0.
84	84	159	T-_D	0.	0.
84	84	50	W+_K	0.	0.
84	84	18	W+_K	0.	0.
84	84	136	W+_K	0.	0.
84	84	159	W+_K	0.	0.
84	84	50	W-_K	0.	0.
84	84	18	W-_K	0.	0.
84	84	136	W-_K	0.	0.
84	84	159	W-_K	0.	0.
84	84	50	W+_D	0.	0.
84	84	18	W+_D	0.	0.
84	84	136	W+_D	0.	0.
84	84	159	W+_D	0.	0.
84	84	50	W-_D	0.	0.
84	84	18	W-_D	0.	0.
84	84	136	W-_D	0.	0.
84	84	159	W-_D	0.	0.
84	84	50	SISMA SLV X	0.39	1.79
84	84	18	SISMA SLV X	0.39	1.79
84	84	136	SISMA SLV X	0.39	1.79
84	84	159	SISMA SLV X	0.39	1.79
84	84	50	SISMA SLV Y	0.2	1.27
84	84	18	SISMA SLV Y	0.2	1.27
84	84	136	SISMA SLV Y	0.2	1.27
84	84	159	SISMA SLV Y	0.2	1.27
84	84	50	SISMA SLD X	0.19	0.87
84	84	18	SISMA SLD X	0.19	0.87
84	84	136	SISMA SLD X	0.19	0.87
84	84	159	SISMA SLD X	0.19	0.87
84	84	50	SISMA SLD Y	9.701E-02	0.62
84	84	18	SISMA SLD Y	9.701E-02	0.62
84	84	136	SISMA SLD Y	9.701E-02	0.62
84	84	159	SISMA SLD Y	9.701E-02	0.62
84	84	50	SISMA SLO X	0.16	0.72
84	84	18	SISMA SLO X	0.16	0.72
84	84	136	SISMA SLO X	0.16	0.72
84	84	159	SISMA SLO X	0.16	0.72
84	84	50	SISMA SLO Y	8.022E-02	0.51

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
84	84	18	SISMA SLO Y	8.022E-02	0.51
84	84	136	SISMA SLO Y	8.022E-02	0.51
84	84	159	SISMA SLO Y	8.022E-02	0.51
84	84	50	SLT	0.	0.
84	84	18	SLT	0.	0.
84	84	136	SLT	0.	0.
84	84	159	SLT	0.	0.
84	84	50	~TorsionSISMA SLV X	0.	0.
84	84	18	~TorsionSISMA SLV X	0.	0.
84	84	136	~TorsionSISMA SLV X	0.	0.
84	84	159	~TorsionSISMA SLV X	0.	0.
84	84	50	~TorsionSISMA SLV Y	0.	0.
84	84	18	~TorsionSISMA SLV Y	0.	0.
84	84	136	~TorsionSISMA SLV Y	0.	0.
84	84	159	~TorsionSISMA SLV Y	0.	0.
84	84	50	~TorsionSISMA SLD X	0.	0.
84	84	18	~TorsionSISMA SLD X	0.	0.
84	84	136	~TorsionSISMA SLD X	0.	0.
84	84	159	~TorsionSISMA SLD X	0.	0.
84	84	50	~TorsionSISMA SLD Y	0.	0.
84	84	18	~TorsionSISMA SLD Y	0.	0.
84	84	136	~TorsionSISMA SLD Y	0.	0.
84	84	159	~TorsionSISMA SLD Y	0.	0.
84	84	50	~TorsionSISMA SLO X	0.	0.
84	84	18	~TorsionSISMA SLO X	0.	0.
84	84	136	~TorsionSISMA SLO X	0.	0.
84	84	159	~TorsionSISMA SLO X	0.	0.
84	84	50	~TorsionSISMA SLO Y	0.	0.
84	84	18	~TorsionSISMA SLO Y	0.	0.
84	84	136	~TorsionSISMA SLO Y	0.	0.
84	84	159	~TorsionSISMA SLO Y	0.	0.
85	85	159	G1_K	-1.05	-7.770E-02
85	85	136	G1_K	-1.05	-7.770E-02
85	85	20	G1_K	-1.05	-7.770E-02
85	85	51	G1_K	-1.05	-7.770E-02

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
85	85	159	G2_K	0.34	1.23
85	85	136	G2_K	0.34	1.23
85	85	20	G2_K	0.34	1.23
85	85	51	G2_K	0.34	1.23
85	85	159	Q_K	-0.78	-3.537E-03
85	85	136	Q_K	-0.78	-3.537E-03
85	85	20	Q_K	-0.78	-3.537E-03
85	85	51	Q_K	-0.78	-3.537E-03
85	85	159	N_K	-9.388E-02	-4.245E-04
85	85	136	N_K	-9.388E-02	-4.245E-04
85	85	20	N_K	-9.388E-02	-4.245E-04
85	85	51	N_K	-9.388E-02	-4.245E-04
85	85	159	T+_K	0.	0.
85	85	136	T+_K	0.	0.
85	85	20	T+_K	0.	0.
85	85	51	T+_K	0.	0.
85	85	159	T-_K	0.	0.
85	85	136	T-_K	0.	0.
85	85	20	T-_K	0.	0.
85	85	51	T-_K	0.	0.
85	85	159	G1_D	-1.36	-0.1
85	85	136	G1_D	-1.36	-0.1
85	85	20	G1_D	-1.36	-0.1
85	85	51	G1_D	-1.36	-0.1
85	85	159	G2_D	0.44	1.6
85	85	136	G2_D	0.44	1.6
85	85	20	G2_D	0.44	1.6
85	85	51	G2_D	0.44	1.6
85	85	159	Q_D	-1.17	-5.306E-03
85	85	136	Q_D	-1.17	-5.306E-03
85	85	20	Q_D	-1.17	-5.306E-03
85	85	51	Q_D	-1.17	-5.306E-03
85	85	159	N_D	-0.14	-6.367E-04
85	85	136	N_D	-0.14	-6.367E-04
85	85	20	N_D	-0.14	-6.367E-04
85	85	51	N_D	-0.14	-6.367E-04
85	85	159	T+_D	0.	0.
85	85	136	T+_D	0.	0.
85	85	20	T+_D	0.	0.
85	85	51	T+_D	0.	0.
85	85	159	T-_D	0.	0.
85	85	136	T-_D	0.	0.
85	85	20	T-_D	0.	0.
85	85	51	T-_D	0.	0.
85	85	159	W+_K	0.	0.
85	85	136	W+_K	0.	0.
85	85	20	W+_K	0.	0.
85	85	51	W+_K	0.	0.
85	85	159	W-_K	0.	0.
85	85	136	W-_K	0.	0.
85	85	20	W-_K	0.	0.
85	85	51	W-_K	0.	0.
85	85	159	W+_D	0.	0.
85	85	136	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
85	85	20	W+_D	0.	0.
85	85	51	W+_D	0.	0.
85	85	159	W-_D	0.	0.
85	85	136	W-_D	0.	0.
85	85	20	W-_D	0.	0.
85	85	51	W-_D	0.	0.
85	85	159	SISMA SLV X	1.25	1.47
85	85	136	SISMA SLV X	1.25	1.47
85	85	20	SISMA SLV X	1.25	1.47
85	85	51	SISMA SLV X	1.25	1.47
85	85	159	SISMA SLV Y	0.58	1.12
85	85	136	SISMA SLV Y	0.58	1.12
85	85	20	SISMA SLV Y	0.58	1.12
85	85	51	SISMA SLV Y	0.58	1.12
85	85	159	SISMA SLD X	0.61	0.72
85	85	136	SISMA SLD X	0.61	0.72
85	85	20	SISMA SLD X	0.61	0.72
85	85	51	SISMA SLD X	0.61	0.72
85	85	159	SISMA SLD Y	0.28	0.55
85	85	136	SISMA SLD Y	0.28	0.55
85	85	20	SISMA SLD Y	0.28	0.55
85	85	51	SISMA SLD Y	0.28	0.55
85	85	159	SISMA SLO X	0.51	0.59
85	85	136	SISMA SLO X	0.51	0.59
85	85	20	SISMA SLO X	0.51	0.59
85	85	51	SISMA SLO X	0.51	0.59
85	85	159	SISMA SLO Y	0.23	0.45
85	85	136	SISMA SLO Y	0.23	0.45
85	85	20	SISMA SLO Y	0.23	0.45
85	85	51	SISMA SLO Y	0.23	0.45
85	85	159	SLT	0.	0.
85	85	136	SLT	0.	0.
85	85	20	SLT	0.	0.
85	85	51	SLT	0.	0.
85	85	159	~TorsionSISMA SLV X	0.	0.
85	85	136	~TorsionSISMA SLV X	0.	0.
85	85	20	~TorsionSISMA SLV X	0.	0.
85	85	51	~TorsionSISMA SLV X	0.	0.
85	85	159	~TorsionSISMA SLV Y	0.	0.
85	85	136	~TorsionSISMA SLV Y	0.	0.
85	85	20	~TorsionSISMA SLV Y	0.	0.
85	85	51	~TorsionSISMA SLV Y	0.	0.
85	85	159	~TorsionSISMA SLD X	0.	0.
85	85	136	~TorsionSISMA SLD X	0.	0.
85	85	20	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
85	85	51	~TorsionSISMA SLD X	0.	0.
85	85	159	~TorsionSISMA SLD Y	0.	0.
85	85	136	~TorsionSISMA SLD Y	0.	0.
85	85	20	~TorsionSISMA SLD Y	0.	0.
85	85	51	~TorsionSISMA SLD Y	0.	0.
85	85	159	~TorsionSISMA SLO X	0.	0.
85	85	136	~TorsionSISMA SLO X	0.	0.
85	85	20	~TorsionSISMA SLO X	0.	0.
85	85	51	~TorsionSISMA SLO X	0.	0.
85	85	159	~TorsionSISMA SLO Y	0.	0.
85	85	136	~TorsionSISMA SLO Y	0.	0.
85	85	20	~TorsionSISMA SLO Y	0.	0.
85	85	51	~TorsionSISMA SLO Y	0.	0.
86	86	51	G1_K	-1.97	0.67
86	86	20	G1_K	-1.97	0.67
86	86	138	G1_K	-1.97	0.67
86	86	160	G1_K	-1.97	0.67
86	86	51	G2_K	0.26	1.12
86	86	20	G2_K	0.26	1.12
86	86	138	G2_K	0.26	1.12
86	86	160	G2_K	0.26	1.12
86	86	51	Q_K	-1.33	0.49
86	86	20	Q_K	-1.33	0.49
86	86	138	Q_K	-1.33	0.49
86	86	160	Q_K	-1.33	0.49
86	86	51	N_K	-0.16	5.927E-02
86	86	20	N_K	-0.16	5.927E-02
86	86	138	N_K	-0.16	5.927E-02
86	86	160	N_K	-0.16	5.927E-02
86	86	51	T+_K	0.	0.
86	86	20	T+_K	0.	0.
86	86	138	T+_K	0.	0.
86	86	160	T+_K	0.	0.
86	86	51	T-_K	0.	0.
86	86	20	T-_K	0.	0.
86	86	138	T-_K	0.	0.
86	86	160	T-_K	0.	0.
86	86	51	G1_D	-2.56	0.87
86	86	20	G1_D	-2.56	0.87
86	86	138	G1_D	-2.56	0.87
86	86	160	G1_D	-2.56	0.87
86	86	51	G2_D	0.34	1.46
86	86	20	G2_D	0.34	1.46
86	86	138	G2_D	0.34	1.46

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
86	86	160	G2_D	0.34	1.46
86	86	51	Q_D	-2.	0.74
86	86	20	Q_D	-2.	0.74
86	86	138	Q_D	-2.	0.74
86	86	160	Q_D	-2.	0.74
86	86	51	N_D	-0.24	8.890E-02
86	86	20	N_D	-0.24	8.890E-02
86	86	138	N_D	-0.24	8.890E-02
86	86	160	N_D	-0.24	8.890E-02
86	86	51	T+_D	0.	0.
86	86	20	T+_D	0.	0.
86	86	138	T+_D	0.	0.
86	86	160	T+_D	0.	0.
86	86	51	T-_D	0.	0.
86	86	20	T-_D	0.	0.
86	86	138	T-_D	0.	0.
86	86	160	T-_D	0.	0.
86	86	51	W+_K	0.	0.
86	86	20	W+_K	0.	0.
86	86	138	W+_K	0.	0.
86	86	160	W+_K	0.	0.
86	86	51	W-_K	0.	0.
86	86	20	W-_K	0.	0.
86	86	138	W-_K	0.	0.
86	86	160	W-_K	0.	0.
86	86	51	W+_D	0.	0.
86	86	20	W+_D	0.	0.
86	86	138	W+_D	0.	0.
86	86	160	W+_D	0.	0.
86	86	51	W-_D	0.	0.
86	86	20	W-_D	0.	0.
86	86	138	W-_D	0.	0.
86	86	160	W-_D	0.	0.
86	86	51	SISMA SLV X	1.73	1.16
86	86	20	SISMA SLV X	1.73	1.16
86	86	138	SISMA SLV X	1.73	1.16
86	86	160	SISMA SLV X	1.73	1.16
86	86	51	SISMA SLV Y	0.79	0.91
86	86	20	SISMA SLV Y	0.79	0.91
86	86	138	SISMA SLV Y	0.79	0.91
86	86	160	SISMA SLV Y	0.79	0.91
86	86	51	SISMA SLD X	0.84	0.57
86	86	20	SISMA SLD X	0.84	0.57
86	86	138	SISMA SLD X	0.84	0.57
86	86	160	SISMA SLD X	0.84	0.57
86	86	51	SISMA SLD Y	0.39	0.45
86	86	20	SISMA SLD Y	0.39	0.45
86	86	138	SISMA SLD Y	0.39	0.45
86	86	160	SISMA SLD Y	0.39	0.45
86	86	51	SISMA SLO X	0.7	0.47
86	86	20	SISMA SLO X	0.7	0.47
86	86	138	SISMA SLO X	0.7	0.47
86	86	160	SISMA SLO X	0.7	0.47
86	86	51	SISMA SLO Y	0.32	0.37

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
86	86	20	SISMA SLO Y	0.32	0.37
86	86	138	SISMA SLO Y	0.32	0.37
86	86	160	SISMA SLO Y	0.32	0.37
86	86	51	SLT	0.	0.
86	86	20	SLT	0.	0.
86	86	138	SLT	0.	0.
86	86	160	SLT	0.	0.
86	86	51	~TorsionSISMA SLV X	0.	0.
86	86	20	~TorsionSISMA SLV X	0.	0.
86	86	138	~TorsionSISMA SLV X	0.	0.
86	86	160	~TorsionSISMA SLV X	0.	0.
86	86	51	~TorsionSISMA SLV Y	0.	0.
86	86	20	~TorsionSISMA SLV Y	0.	0.
86	86	138	~TorsionSISMA SLV Y	0.	0.
86	86	160	~TorsionSISMA SLV Y	0.	0.
86	86	51	~TorsionSISMA SLD X	0.	0.
86	86	20	~TorsionSISMA SLD X	0.	0.
86	86	138	~TorsionSISMA SLD X	0.	0.
86	86	160	~TorsionSISMA SLD X	0.	0.
86	86	51	~TorsionSISMA SLD Y	0.	0.
86	86	20	~TorsionSISMA SLD Y	0.	0.
86	86	138	~TorsionSISMA SLD Y	0.	0.
86	86	160	~TorsionSISMA SLD Y	0.	0.
86	86	51	~TorsionSISMA SLO X	0.	0.
86	86	20	~TorsionSISMA SLO X	0.	0.
86	86	138	~TorsionSISMA SLO X	0.	0.
86	86	160	~TorsionSISMA SLO X	0.	0.
86	86	51	~TorsionSISMA SLO Y	0.	0.
86	86	20	~TorsionSISMA SLO Y	0.	0.
86	86	138	~TorsionSISMA SLO Y	0.	0.
86	86	160	~TorsionSISMA SLO Y	0.	0.
87	87	160	G1_K	-2.36	2.94
87	87	138	G1_K	-2.36	2.94
87	87	15	G1_K	-2.36	2.94
87	87	52	G1_K	-2.36	2.94

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
87	87	160	G2_K	0.16	1.21
87	87	138	G2_K	0.16	1.21
87	87	15	G2_K	0.16	1.21
87	87	52	G2_K	0.16	1.21
87	87	160	Q_K	-1.55	1.95
87	87	138	Q_K	-1.55	1.95
87	87	15	Q_K	-1.55	1.95
87	87	52	Q_K	-1.55	1.95
87	87	160	N_K	-0.19	0.23
87	87	138	N_K	-0.19	0.23
87	87	15	N_K	-0.19	0.23
87	87	52	N_K	-0.19	0.23
87	87	160	T+_K	0.	0.
87	87	138	T+_K	0.	0.
87	87	15	T+_K	0.	0.
87	87	52	T+_K	0.	0.
87	87	160	T-_K	0.	0.
87	87	138	T-_K	0.	0.
87	87	15	T-_K	0.	0.
87	87	52	T-_K	0.	0.
87	87	160	G1_D	-3.06	3.82
87	87	138	G1_D	-3.06	3.82
87	87	15	G1_D	-3.06	3.82
87	87	52	G1_D	-3.06	3.82
87	87	160	G2_D	0.21	1.57
87	87	138	G2_D	0.21	1.57
87	87	15	G2_D	0.21	1.57
87	87	52	G2_D	0.21	1.57
87	87	160	Q_D	-2.32	2.92
87	87	138	Q_D	-2.32	2.92
87	87	15	Q_D	-2.32	2.92
87	87	52	Q_D	-2.32	2.92
87	87	160	N_D	-0.28	0.35
87	87	138	N_D	-0.28	0.35
87	87	15	N_D	-0.28	0.35
87	87	52	N_D	-0.28	0.35
87	87	160	T+_D	0.	0.
87	87	138	T+_D	0.	0.
87	87	15	T+_D	0.	0.
87	87	52	T+_D	0.	0.
87	87	160	T-_D	0.	0.
87	87	138	T-_D	0.	0.
87	87	15	T-_D	0.	0.
87	87	52	T-_D	0.	0.
87	87	160	W+_K	0.	0.
87	87	138	W+_K	0.	0.
87	87	15	W+_K	0.	0.
87	87	52	W+_K	0.	0.
87	87	160	W-_K	0.	0.
87	87	138	W-_K	0.	0.
87	87	15	W-_K	0.	0.
87	87	52	W-_K	0.	0.
87	87	160	W+_D	0.	0.
87	87	138	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
87	87	15	W+_D	0.	0.
87	87	52	W+_D	0.	0.
87	87	160	W-_D	0.	0.
87	87	138	W-_D	0.	0.
87	87	15	W-_D	0.	0.
87	87	52	W-_D	0.	0.
87	87	160	SISMA SLV X	1.58	0.88
87	87	138	SISMA SLV X	1.58	0.88
87	87	15	SISMA SLV X	1.58	0.88
87	87	52	SISMA SLV X	1.58	0.88
87	87	160	SISMA SLV Y	0.76	0.63
87	87	138	SISMA SLV Y	0.76	0.63
87	87	15	SISMA SLV Y	0.76	0.63
87	87	52	SISMA SLV Y	0.76	0.63
87	87	160	SISMA SLD X	0.77	0.43
87	87	138	SISMA SLD X	0.77	0.43
87	87	15	SISMA SLD X	0.77	0.43
87	87	52	SISMA SLD X	0.77	0.43
87	87	160	SISMA SLD Y	0.37	0.31
87	87	138	SISMA SLD Y	0.37	0.31
87	87	15	SISMA SLD Y	0.37	0.31
87	87	52	SISMA SLD Y	0.37	0.31
87	87	160	SISMA SLO X	0.64	0.36
87	87	138	SISMA SLO X	0.64	0.36
87	87	15	SISMA SLO X	0.64	0.36
87	87	52	SISMA SLO X	0.64	0.36
87	87	160	SISMA SLO Y	0.31	0.25
87	87	138	SISMA SLO Y	0.31	0.25
87	87	15	SISMA SLO Y	0.31	0.25
87	87	52	SISMA SLO Y	0.31	0.25
87	87	160	SLT	0.	0.
87	87	138	SLT	0.	0.
87	87	15	SLT	0.	0.
87	87	52	SLT	0.	0.
87	87	160	~TorsionSISMA SLV X	0.	0.
87	87	138	~TorsionSISMA SLV X	0.	0.
87	87	15	~TorsionSISMA SLV X	0.	0.
87	87	52	~TorsionSISMA SLV X	0.	0.
87	87	160	~TorsionSISMA SLV Y	0.	0.
87	87	138	~TorsionSISMA SLV Y	0.	0.
87	87	15	~TorsionSISMA SLV Y	0.	0.
87	87	52	~TorsionSISMA SLV Y	0.	0.
87	87	160	~TorsionSISMA SLD X	0.	0.
87	87	138	~TorsionSISMA SLD X	0.	0.
87	87	15	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
87	87	52	~TorsionSISMA SLD X	0.	0.
87	87	160	~TorsionSISMA SLD Y	0.	0.
87	87	138	~TorsionSISMA SLD Y	0.	0.
87	87	15	~TorsionSISMA SLD Y	0.	0.
87	87	52	~TorsionSISMA SLD Y	0.	0.
87	87	160	~TorsionSISMA SLO X	0.	0.
87	87	138	~TorsionSISMA SLO X	0.	0.
87	87	15	~TorsionSISMA SLO X	0.	0.
87	87	52	~TorsionSISMA SLO X	0.	0.
87	87	160	~TorsionSISMA SLO Y	0.	0.
87	87	138	~TorsionSISMA SLO Y	0.	0.
87	87	15	~TorsionSISMA SLO Y	0.	0.
87	87	52	~TorsionSISMA SLO Y	0.	0.
88	88	52	G1_K	-2.32	5.92
88	88	15	G1_K	-2.32	5.92
88	88	106	G1_K	-2.32	5.92
88	88	126	G1_K	-2.32	5.92
88	88	52	G2_K	3.118E-02	1.03
88	88	15	G2_K	3.118E-02	1.03
88	88	106	G2_K	3.118E-02	1.03
88	88	126	G2_K	3.118E-02	1.03
88	88	52	Q_K	-1.51	3.85
88	88	15	Q_K	-1.51	3.85
88	88	106	Q_K	-1.51	3.85
88	88	126	Q_K	-1.51	3.85
88	88	52	N_K	-0.18	0.46
88	88	15	N_K	-0.18	0.46
88	88	106	N_K	-0.18	0.46
88	88	126	N_K	-0.18	0.46
88	88	52	T+_K	0.	0.
88	88	15	T+_K	0.	0.
88	88	106	T+_K	0.	0.
88	88	126	T+_K	0.	0.
88	88	52	T-_K	0.	0.
88	88	15	T-_K	0.	0.
88	88	106	T-_K	0.	0.
88	88	126	T-_K	0.	0.
88	88	52	G1_D	-3.02	7.69
88	88	15	G1_D	-3.02	7.69
88	88	106	G1_D	-3.02	7.69
88	88	126	G1_D	-3.02	7.69
88	88	52	G2_D	4.054E-02	1.34
88	88	15	G2_D	4.054E-02	1.34
88	88	106	G2_D	4.054E-02	1.34

9. Area results

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
88	88	126	G2_D	4.054E-02	1.34
88	88	52	Q_D	-2.26	5.78
88	88	15	Q_D	-2.26	5.78
88	88	106	Q_D	-2.26	5.78
88	88	126	Q_D	-2.26	5.78
88	88	52	N_D	-0.27	0.69
88	88	15	N_D	-0.27	0.69
88	88	106	N_D	-0.27	0.69
88	88	126	N_D	-0.27	0.69
88	88	52	T+_D	0.	0.
88	88	15	T+_D	0.	0.
88	88	106	T+_D	0.	0.
88	88	126	T+_D	0.	0.
88	88	52	T-_D	0.	0.
88	88	15	T-_D	0.	0.
88	88	106	T-_D	0.	0.
88	88	126	T-_D	0.	0.
88	88	52	W+_K	0.	0.
88	88	15	W+_K	0.	0.
88	88	106	W+_K	0.	0.
88	88	126	W+_K	0.	0.
88	88	52	W-_K	0.	0.
88	88	15	W-_K	0.	0.
88	88	106	W-_K	0.	0.
88	88	126	W-_K	0.	0.
88	88	52	W+_D	0.	0.
88	88	15	W+_D	0.	0.
88	88	106	W+_D	0.	0.
88	88	126	W+_D	0.	0.
88	88	52	W-_D	0.	0.
88	88	15	W-_D	0.	0.
88	88	106	W-_D	0.	0.
88	88	126	W-_D	0.	0.
88	88	52	SISMA SLV X	0.87	0.63
88	88	15	SISMA SLV X	0.87	0.63
88	88	106	SISMA SLV X	0.87	0.63
88	88	126	SISMA SLV X	0.87	0.63
88	88	52	SISMA SLV Y	0.67	0.27
88	88	15	SISMA SLV Y	0.67	0.27
88	88	106	SISMA SLV Y	0.67	0.27
88	88	126	SISMA SLV Y	0.67	0.27
88	88	52	SISMA SLD X	0.42	0.31
88	88	15	SISMA SLD X	0.42	0.31
88	88	106	SISMA SLD X	0.42	0.31
88	88	126	SISMA SLD X	0.42	0.31
88	88	52	SISMA SLD Y	0.33	0.13
88	88	15	SISMA SLD Y	0.33	0.13
88	88	106	SISMA SLD Y	0.33	0.13
88	88	126	SISMA SLD Y	0.33	0.13
88	88	52	SISMA SLO X	0.35	0.26
88	88	15	SISMA SLO X	0.35	0.26
88	88	106	SISMA SLO X	0.35	0.26
88	88	126	SISMA SLO X	0.35	0.26
88	88	52	SISMA SLO Y	0.27	0.11

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
88	88	15	SISMA SLO Y	0.27	0.11
88	88	106	SISMA SLO Y	0.27	0.11
88	88	126	SISMA SLO Y	0.27	0.11
88	88	52	SLT	0.	0.
88	88	15	SLT	0.	0.
88	88	106	SLT	0.	0.
88	88	126	SLT	0.	0.
88	88	52	~TorsionSISMA SLV X	0.	0.
88	88	15	~TorsionSISMA SLV X	0.	0.
88	88	106	~TorsionSISMA SLV X	0.	0.
88	88	126	~TorsionSISMA SLV X	0.	0.
88	88	52	~TorsionSISMA SLV Y	0.	0.
88	88	15	~TorsionSISMA SLV Y	0.	0.
88	88	106	~TorsionSISMA SLV Y	0.	0.
88	88	126	~TorsionSISMA SLV Y	0.	0.
88	88	52	~TorsionSISMA SLD X	0.	0.
88	88	15	~TorsionSISMA SLD X	0.	0.
88	88	106	~TorsionSISMA SLD X	0.	0.
88	88	126	~TorsionSISMA SLD X	0.	0.
88	88	52	~TorsionSISMA SLD Y	0.	0.
88	88	15	~TorsionSISMA SLD Y	0.	0.
88	88	106	~TorsionSISMA SLD Y	0.	0.
88	88	126	~TorsionSISMA SLD Y	0.	0.
88	88	52	~TorsionSISMA SLO X	0.	0.
88	88	15	~TorsionSISMA SLO X	0.	0.
88	88	106	~TorsionSISMA SLO X	0.	0.
88	88	126	~TorsionSISMA SLO X	0.	0.
88	88	52	~TorsionSISMA SLO Y	0.	0.
88	88	15	~TorsionSISMA SLO Y	0.	0.
88	88	106	~TorsionSISMA SLO Y	0.	0.
88	88	126	~TorsionSISMA SLO Y	0.	0.
89	89	101	G1_K	-1.529E-02	1.64
89	89	172	G1_K	-1.529E-02	1.64
89	89	53	G1_K	-1.529E-02	1.64
89	89	25	G1_K	-1.529E-02	1.64

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
89	89	101	G2_K	-3.1	-42.09
89	89	172	G2_K	-3.1	-42.09
89	89	53	G2_K	-3.1	-42.09
89	89	25	G2_K	-3.1	-42.09
89	89	101	Q_K	3.045E-02	0.73
89	89	172	Q_K	3.045E-02	0.73
89	89	53	Q_K	3.045E-02	0.73
89	89	25	Q_K	3.045E-02	0.73
89	89	101	N_K	3.654E-03	8.800E-02
89	89	172	N_K	3.654E-03	8.800E-02
89	89	53	N_K	3.654E-03	8.800E-02
89	89	25	N_K	3.654E-03	8.800E-02
89	89	101	T+_K	0.	0.
89	89	172	T+_K	0.	0.
89	89	53	T+_K	0.	0.
89	89	25	T+_K	0.	0.
89	89	101	T-_K	0.	0.
89	89	172	T-_K	0.	0.
89	89	53	T-_K	0.	0.
89	89	25	T-_K	0.	0.
89	89	101	G1_D	-1.988E-02	2.13
89	89	172	G1_D	-1.988E-02	2.13
89	89	53	G1_D	-1.988E-02	2.13
89	89	25	G1_D	-1.988E-02	2.13
89	89	101	G2_D	-4.04	-54.71
89	89	172	G2_D	-4.04	-54.71
89	89	53	G2_D	-4.04	-54.71
89	89	25	G2_D	-4.04	-54.71
89	89	101	Q_D	4.567E-02	1.1
89	89	172	Q_D	4.567E-02	1.1
89	89	53	Q_D	4.567E-02	1.1
89	89	25	Q_D	4.567E-02	1.1
89	89	101	N_D	5.481E-03	0.13
89	89	172	N_D	5.481E-03	0.13
89	89	53	N_D	5.481E-03	0.13
89	89	25	N_D	5.481E-03	0.13
89	89	101	T+_D	0.	0.
89	89	172	T+_D	0.	0.
89	89	53	T+_D	0.	0.
89	89	25	T+_D	0.	0.
89	89	101	T-_D	0.	0.
89	89	172	T-_D	0.	0.
89	89	53	T-_D	0.	0.
89	89	25	T-_D	0.	0.
89	89	101	W+_K	0.	0.
89	89	172	W+_K	0.	0.
89	89	53	W+_K	0.	0.
89	89	25	W+_K	0.	0.
89	89	101	W-_K	0.	0.
89	89	172	W-_K	0.	0.
89	89	53	W-_K	0.	0.
89	89	25	W-_K	0.	0.
89	89	101	W+_D	0.	0.
89	89	172	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
89	89	53	W+_D	0.	0.
89	89	25	W+_D	0.	0.
89	89	101	W-_D	0.	0.
89	89	172	W-_D	0.	0.
89	89	53	W-_D	0.	0.
89	89	25	W-_D	0.	0.
89	89	101	SISMA SLV X	6.837E-02	3.74
89	89	172	SISMA SLV X	6.837E-02	3.74
89	89	53	SISMA SLV X	6.837E-02	3.74
89	89	25	SISMA SLV X	6.837E-02	3.74
89	89	101	SISMA SLV Y	6.462E-02	1.64
89	89	172	SISMA SLV Y	6.462E-02	1.64
89	89	53	SISMA SLV Y	6.462E-02	1.64
89	89	25	SISMA SLV Y	6.462E-02	1.64
89	89	101	SISMA SLD X	3.338E-02	1.83
89	89	172	SISMA SLD X	3.338E-02	1.83
89	89	53	SISMA SLD X	3.338E-02	1.83
89	89	25	SISMA SLD X	3.338E-02	1.83
89	89	101	SISMA SLD Y	3.155E-02	0.8
89	89	172	SISMA SLD Y	3.155E-02	0.8
89	89	53	SISMA SLD Y	3.155E-02	0.8
89	89	25	SISMA SLD Y	3.155E-02	0.8
89	89	101	SISMA SLO X	2.756E-02	1.51
89	89	172	SISMA SLO X	2.756E-02	1.51
89	89	53	SISMA SLO X	2.756E-02	1.51
89	89	25	SISMA SLO X	2.756E-02	1.51
89	89	101	SISMA SLO Y	2.611E-02	0.66
89	89	172	SISMA SLO Y	2.611E-02	0.66
89	89	53	SISMA SLO Y	2.611E-02	0.66
89	89	25	SISMA SLO Y	2.611E-02	0.66
89	89	101	SLT	0.	0.
89	89	172	SLT	0.	0.
89	89	53	SLT	0.	0.
89	89	25	SLT	0.	0.
89	89	101	~TorsionSISMA SLV X	0.	0.
89	89	172	~TorsionSISMA SLV X	0.	0.
89	89	53	~TorsionSISMA SLV X	0.	0.
89	89	25	~TorsionSISMA SLV X	0.	0.
89	89	101	~TorsionSISMA SLV Y	0.	0.
89	89	172	~TorsionSISMA SLV Y	0.	0.
89	89	53	~TorsionSISMA SLV Y	0.	0.
89	89	25	~TorsionSISMA SLV Y	0.	0.
89	89	101	~TorsionSISMA SLD X	0.	0.
89	89	172	~TorsionSISMA SLD X	0.	0.
89	89	53	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
89	89	25	~TorsionSISMA SLD X	0.	0.
89	89	101	~TorsionSISMA SLD Y	0.	0.
89	89	172	~TorsionSISMA SLD Y	0.	0.
89	89	53	~TorsionSISMA SLD Y	0.	0.
89	89	25	~TorsionSISMA SLD Y	0.	0.
89	89	101	~TorsionSISMA SLO X	0.	0.
89	89	172	~TorsionSISMA SLO X	0.	0.
89	89	53	~TorsionSISMA SLO X	0.	0.
89	89	25	~TorsionSISMA SLO X	0.	0.
89	89	101	~TorsionSISMA SLO Y	0.	0.
89	89	172	~TorsionSISMA SLO Y	0.	0.
89	89	53	~TorsionSISMA SLO Y	0.	0.
89	89	25	~TorsionSISMA SLO Y	0.	0.
90	90	25	G1_K	0.3	0.55
90	90	53	G1_K	0.3	0.55
90	90	173	G1_K	0.3	0.55
90	90	146	G1_K	0.3	0.55
90	90	25	G2_K	-14.2	-17.29
90	90	53	G2_K	-14.2	-17.29
90	90	173	G2_K	-14.2	-17.29
90	90	146	G2_K	-14.2	-17.29
90	90	25	Q_K	0.26	0.35
90	90	53	Q_K	0.26	0.35
90	90	173	Q_K	0.26	0.35
90	90	146	Q_K	0.26	0.35
90	90	25	N_K	3.154E-02	4.241E-02
90	90	53	N_K	3.154E-02	4.241E-02
90	90	173	N_K	3.154E-02	4.241E-02
90	90	146	N_K	3.154E-02	4.241E-02
90	90	25	T+_K	0.	0.
90	90	53	T+_K	0.	0.
90	90	173	T+_K	0.	0.
90	90	146	T+_K	0.	0.
90	90	25	T-_K	0.	0.
90	90	53	T-_K	0.	0.
90	90	173	T-_K	0.	0.
90	90	146	T-_K	0.	0.
90	90	25	G1_D	0.39	0.72
90	90	53	G1_D	0.39	0.72
90	90	173	G1_D	0.39	0.72
90	90	146	G1_D	0.39	0.72
90	90	25	G2_D	-18.46	-22.47
90	90	53	G2_D	-18.46	-22.47
90	90	173	G2_D	-18.46	-22.47

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
90	90	146	G2_D	-18.46	-22.47
90	90	25	Q_D	0.39	0.53
90	90	53	Q_D	0.39	0.53
90	90	173	Q_D	0.39	0.53
90	90	146	Q_D	0.39	0.53
90	90	25	N_D	4.731E-02	6.362E-02
90	90	53	N_D	4.731E-02	6.362E-02
90	90	173	N_D	4.731E-02	6.362E-02
90	90	146	N_D	4.731E-02	6.362E-02
90	90	25	T+_D	0.	0.
90	90	53	T+_D	0.	0.
90	90	173	T+_D	0.	0.
90	90	146	T+_D	0.	0.
90	90	25	T-_D	0.	0.
90	90	53	T-_D	0.	0.
90	90	173	T-_D	0.	0.
90	90	146	T-_D	0.	0.
90	90	25	W+_K	0.	0.
90	90	53	W+_K	0.	0.
90	90	173	W+_K	0.	0.
90	90	146	W+_K	0.	0.
90	90	25	W-_K	0.	0.
90	90	53	W-_K	0.	0.
90	90	173	W-_K	0.	0.
90	90	146	W-_K	0.	0.
90	90	25	W+_D	0.	0.
90	90	53	W+_D	0.	0.
90	90	173	W+_D	0.	0.
90	90	146	W+_D	0.	0.
90	90	25	W-_D	0.	0.
90	90	53	W-_D	0.	0.
90	90	173	W-_D	0.	0.
90	90	146	W-_D	0.	0.
90	90	25	SISMA SLV X	0.49	2.78
90	90	53	SISMA SLV X	0.49	2.78
90	90	173	SISMA SLV X	0.49	2.78
90	90	146	SISMA SLV X	0.49	2.78
90	90	25	SISMA SLV Y	0.34	1.24
90	90	53	SISMA SLV Y	0.34	1.24
90	90	173	SISMA SLV Y	0.34	1.24
90	90	146	SISMA SLV Y	0.34	1.24
90	90	25	SISMA SLD X	0.24	1.36
90	90	53	SISMA SLD X	0.24	1.36
90	90	173	SISMA SLD X	0.24	1.36
90	90	146	SISMA SLD X	0.24	1.36
90	90	25	SISMA SLD Y	0.17	0.61
90	90	53	SISMA SLD Y	0.17	0.61
90	90	173	SISMA SLD Y	0.17	0.61
90	90	146	SISMA SLD Y	0.17	0.61
90	90	25	SISMA SLO X	0.2	1.12
90	90	53	SISMA SLO X	0.2	1.12
90	90	173	SISMA SLO X	0.2	1.12
90	90	146	SISMA SLO X	0.2	1.12
90	90	25	SISMA SLO Y	0.14	0.5

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
90	90	53	SISMA SLO Y	0.14	0.5
90	90	173	SISMA SLO Y	0.14	0.5
90	90	146	SISMA SLO Y	0.14	0.5
90	90	25	SLT	0.	0.
90	90	53	SLT	0.	0.
90	90	173	SLT	0.	0.
90	90	146	SLT	0.	0.
90	90	25	~TorsionSISMA SLV X	0.	0.
90	90	53	~TorsionSISMA SLV X	0.	0.
90	90	173	~TorsionSISMA SLV X	0.	0.
90	90	146	~TorsionSISMA SLV X	0.	0.
90	90	25	~TorsionSISMA SLV Y	0.	0.
90	90	53	~TorsionSISMA SLV Y	0.	0.
90	90	173	~TorsionSISMA SLV Y	0.	0.
90	90	146	~TorsionSISMA SLV Y	0.	0.
90	90	25	~TorsionSISMA SLD X	0.	0.
90	90	53	~TorsionSISMA SLD X	0.	0.
90	90	173	~TorsionSISMA SLD X	0.	0.
90	90	146	~TorsionSISMA SLD X	0.	0.
90	90	25	~TorsionSISMA SLD Y	0.	0.
90	90	53	~TorsionSISMA SLD Y	0.	0.
90	90	173	~TorsionSISMA SLD Y	0.	0.
90	90	146	~TorsionSISMA SLD Y	0.	0.
90	90	25	~TorsionSISMA SLO X	0.	0.
90	90	53	~TorsionSISMA SLO X	0.	0.
90	90	173	~TorsionSISMA SLO X	0.	0.
90	90	146	~TorsionSISMA SLO X	0.	0.
90	90	25	~TorsionSISMA SLO Y	0.	0.
90	90	53	~TorsionSISMA SLO Y	0.	0.
90	90	173	~TorsionSISMA SLO Y	0.	0.
90	90	146	~TorsionSISMA SLO Y	0.	0.
91	91	146	G1_K	0.94	0.68
91	91	173	G1_K	0.94	0.68
91	91	54	G1_K	0.94	0.68
91	91	27	G1_K	0.94	0.68

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
91	91	146	G2_K	-18.73	-3.07
91	91	173	G2_K	-18.73	-3.07
91	91	54	G2_K	-18.73	-3.07
91	91	27	G2_K	-18.73	-3.07
91	91	146	Q_K	0.65	0.34
91	91	173	Q_K	0.65	0.34
91	91	54	Q_K	0.65	0.34
91	91	27	Q_K	0.65	0.34
91	91	146	N_K	7.740E-02	4.073E-02
91	91	173	N_K	7.740E-02	4.073E-02
91	91	54	N_K	7.740E-02	4.073E-02
91	91	27	N_K	7.740E-02	4.073E-02
91	91	146	T+_K	0.	0.
91	91	173	T+_K	0.	0.
91	91	54	T+_K	0.	0.
91	91	27	T+_K	0.	0.
91	91	146	T-_K	0.	0.
91	91	173	T-_K	0.	0.
91	91	54	T-_K	0.	0.
91	91	27	T-_K	0.	0.
91	91	146	G1_D	1.23	0.88
91	91	173	G1_D	1.23	0.88
91	91	54	G1_D	1.23	0.88
91	91	27	G1_D	1.23	0.88
91	91	146	G2_D	-24.35	-3.99
91	91	173	G2_D	-24.35	-3.99
91	91	54	G2_D	-24.35	-3.99
91	91	27	G2_D	-24.35	-3.99
91	91	146	Q_D	0.97	0.51
91	91	173	Q_D	0.97	0.51
91	91	54	Q_D	0.97	0.51
91	91	27	Q_D	0.97	0.51
91	91	146	N_D	0.12	6.110E-02
91	91	173	N_D	0.12	6.110E-02
91	91	54	N_D	0.12	6.110E-02
91	91	27	N_D	0.12	6.110E-02
91	91	146	T+_D	0.	0.
91	91	173	T+_D	0.	0.
91	91	54	T+_D	0.	0.
91	91	27	T+_D	0.	0.
91	91	146	T-_D	0.	0.
91	91	173	T-_D	0.	0.
91	91	54	T-_D	0.	0.
91	91	27	T-_D	0.	0.
91	91	146	W+_K	0.	0.
91	91	173	W+_K	0.	0.
91	91	54	W+_K	0.	0.
91	91	27	W+_K	0.	0.
91	91	146	W-_K	0.	0.
91	91	173	W-_K	0.	0.
91	91	54	W-_K	0.	0.
91	91	27	W-_K	0.	0.
91	91	146	W+_D	0.	0.
91	91	173	W+_D	0.	0.

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
91	91	54	W+_D	0.	0.
91	91	27	W+_D	0.	0.
91	91	146	W-_D	0.	0.
91	91	173	W-_D	0.	0.
91	91	54	W-_D	0.	0.
91	91	27	W-_D	0.	0.
91	91	146	SISMA SLV X	0.98	1.92
91	91	173	SISMA SLV X	0.98	1.92
91	91	54	SISMA SLV X	0.98	1.92
91	91	27	SISMA SLV X	0.98	1.92
91	91	146	SISMA SLV Y	0.65	0.9
91	91	173	SISMA SLV Y	0.65	0.9
91	91	54	SISMA SLV Y	0.65	0.9
91	91	27	SISMA SLV Y	0.65	0.9
91	91	146	SISMA SLD X	0.48	0.94
91	91	173	SISMA SLD X	0.48	0.94
91	91	54	SISMA SLD X	0.48	0.94
91	91	27	SISMA SLD X	0.48	0.94
91	91	146	SISMA SLD Y	0.32	0.44
91	91	173	SISMA SLD Y	0.32	0.44
91	91	54	SISMA SLD Y	0.32	0.44
91	91	27	SISMA SLD Y	0.32	0.44
91	91	146	SISMA SLO X	0.4	0.78
91	91	173	SISMA SLO X	0.4	0.78
91	91	54	SISMA SLO X	0.4	0.78
91	91	27	SISMA SLO X	0.4	0.78
91	91	146	SISMA SLO Y	0.26	0.37
91	91	173	SISMA SLO Y	0.26	0.37
91	91	54	SISMA SLO Y	0.26	0.37
91	91	27	SISMA SLO Y	0.26	0.37
91	91	146	SLT	0.	0.
91	91	173	SLT	0.	0.
91	91	54	SLT	0.	0.
91	91	27	SLT	0.	0.
91	91	146	~TorsionSISMA SLV X	0.	0.
91	91	173	~TorsionSISMA SLV X	0.	0.
91	91	54	~TorsionSISMA SLV X	0.	0.
91	91	27	~TorsionSISMA SLV X	0.	0.
91	91	146	~TorsionSISMA SLV Y	0.	0.
91	91	173	~TorsionSISMA SLV Y	0.	0.
91	91	54	~TorsionSISMA SLV Y	0.	0.
91	91	27	~TorsionSISMA SLV Y	0.	0.
91	91	146	~TorsionSISMA SLD X	0.	0.
91	91	173	~TorsionSISMA SLD X	0.	0.
91	91	54	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
91	91	27	~TorsionSISMA SLD X	0.	0.
91	91	146	~TorsionSISMA SLD Y	0.	0.
91	91	173	~TorsionSISMA SLD Y	0.	0.
91	91	54	~TorsionSISMA SLD Y	0.	0.
91	91	27	~TorsionSISMA SLD Y	0.	0.
91	91	146	~TorsionSISMA SLO X	0.	0.
91	91	173	~TorsionSISMA SLO X	0.	0.
91	91	54	~TorsionSISMA SLO X	0.	0.
91	91	27	~TorsionSISMA SLO X	0.	0.
91	91	146	~TorsionSISMA SLO Y	0.	0.
91	91	173	~TorsionSISMA SLO Y	0.	0.
91	91	54	~TorsionSISMA SLO Y	0.	0.
91	91	27	~TorsionSISMA SLO Y	0.	0.
92	92	27	G1_K	1.68	0.8
92	92	54	G1_K	1.68	0.8
92	92	174	G1_K	1.68	0.8
92	92	148	G1_K	1.68	0.8
92	92	27	G2_K	-18.2	4.48
92	92	54	G2_K	-18.2	4.48
92	92	174	G2_K	-18.2	4.48
92	92	148	G2_K	-18.2	4.48
92	92	27	Q_K	1.12	0.48
92	92	54	Q_K	1.12	0.48
92	92	174	Q_K	1.12	0.48
92	92	148	Q_K	1.12	0.48
92	92	27	N_K	0.13	5.713E-02
92	92	54	N_K	0.13	5.713E-02
92	92	174	N_K	0.13	5.713E-02
92	92	148	N_K	0.13	5.713E-02
92	92	27	T+_K	0.	0.
92	92	54	T+_K	0.	0.
92	92	174	T+_K	0.	0.
92	92	148	T+_K	0.	0.
92	92	27	T-_K	0.	0.
92	92	54	T-_K	0.	0.
92	92	174	T-_K	0.	0.
92	92	148	T-_K	0.	0.
92	92	27	G1_D	2.18	1.04
92	92	54	G1_D	2.18	1.04
92	92	174	G1_D	2.18	1.04
92	92	148	G1_D	2.18	1.04
92	92	27	G2_D	-23.66	5.82
92	92	54	G2_D	-23.66	5.82
92	92	174	G2_D	-23.66	5.82

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
92	92	148	G2_D	-23.66	5.82
92	92	27	Q_D	1.68	0.71
92	92	54	Q_D	1.68	0.71
92	92	174	Q_D	1.68	0.71
92	92	148	Q_D	1.68	0.71
92	92	27	N_D	0.2	8.570E-02
92	92	54	N_D	0.2	8.570E-02
92	92	174	N_D	0.2	8.570E-02
92	92	148	N_D	0.2	8.570E-02
92	92	27	T+_D	0.	0.
92	92	54	T+_D	0.	0.
92	92	174	T+_D	0.	0.
92	92	148	T+_D	0.	0.
92	92	27	T-_D	0.	0.
92	92	54	T-_D	0.	0.
92	92	174	T-_D	0.	0.
92	92	148	T-_D	0.	0.
92	92	27	W+_K	0.	0.
92	92	54	W+_K	0.	0.
92	92	174	W+_K	0.	0.
92	92	148	W+_K	0.	0.
92	92	27	W-_K	0.	0.
92	92	54	W-_K	0.	0.
92	92	174	W-_K	0.	0.
92	92	148	W-_K	0.	0.
92	92	27	W+_D	0.	0.
92	92	54	W+_D	0.	0.
92	92	174	W+_D	0.	0.
92	92	148	W+_D	0.	0.
92	92	27	W-_D	0.	0.
92	92	54	W-_D	0.	0.
92	92	174	W-_D	0.	0.
92	92	148	W-_D	0.	0.
92	92	27	SISMA SLV X	1.1	1.26
92	92	54	SISMA SLV X	1.1	1.26
92	92	174	SISMA SLV X	1.1	1.26
92	92	148	SISMA SLV X	1.1	1.26
92	92	27	SISMA SLV Y	0.8	0.78
92	92	54	SISMA SLV Y	0.8	0.78
92	92	174	SISMA SLV Y	0.8	0.78
92	92	148	SISMA SLV Y	0.8	0.78
92	92	27	SISMA SLD X	0.54	0.61
92	92	54	SISMA SLD X	0.54	0.61
92	92	174	SISMA SLD X	0.54	0.61
92	92	148	SISMA SLD X	0.54	0.61
92	92	27	SISMA SLD Y	0.39	0.38
92	92	54	SISMA SLD Y	0.39	0.38
92	92	174	SISMA SLD Y	0.39	0.38
92	92	148	SISMA SLD Y	0.39	0.38
92	92	27	SISMA SLO X	0.45	0.51
92	92	54	SISMA SLO X	0.45	0.51
92	92	174	SISMA SLO X	0.45	0.51
92	92	148	SISMA SLO X	0.45	0.51
92	92	27	SISMA SLO Y	0.32	0.31

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
92	92	54	SISMA SLO Y	0.32	0.31
92	92	174	SISMA SLO Y	0.32	0.31
92	92	148	SISMA SLO Y	0.32	0.31
92	92	27	SLT	0.	0.
92	92	54	SLT	0.	0.
92	92	174	SLT	0.	0.
92	92	148	SLT	0.	0.
92	92	27	~TorsionSISMA SLV X	0.	0.
92	92	54	~TorsionSISMA SLV X	0.	0.
92	92	174	~TorsionSISMA SLV X	0.	0.
92	92	148	~TorsionSISMA SLV X	0.	0.
92	92	27	~TorsionSISMA SLV Y	0.	0.
92	92	54	~TorsionSISMA SLV Y	0.	0.
92	92	174	~TorsionSISMA SLV Y	0.	0.
92	92	148	~TorsionSISMA SLV Y	0.	0.
92	92	27	~TorsionSISMA SLD X	0.	0.
92	92	54	~TorsionSISMA SLD X	0.	0.
92	92	174	~TorsionSISMA SLD X	0.	0.
92	92	148	~TorsionSISMA SLD X	0.	0.
92	92	27	~TorsionSISMA SLD Y	0.	0.
92	92	54	~TorsionSISMA SLD Y	0.	0.
92	92	174	~TorsionSISMA SLD Y	0.	0.
92	92	148	~TorsionSISMA SLD Y	0.	0.
92	92	27	~TorsionSISMA SLO X	0.	0.
92	92	54	~TorsionSISMA SLO X	0.	0.
92	92	174	~TorsionSISMA SLO X	0.	0.
92	92	148	~TorsionSISMA SLO X	0.	0.
92	92	27	~TorsionSISMA SLO Y	0.	0.
92	92	54	~TorsionSISMA SLO Y	0.	0.
92	92	174	~TorsionSISMA SLO Y	0.	0.
92	92	148	~TorsionSISMA SLO Y	0.	0.
93	93	148	G1_K	2.45	2.57
93	93	174	G1_K	2.45	2.57
93	93	55	G1_K	2.45	2.57
93	93	1	G1_K	2.45	2.57

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
93	93	148	G2_K	-13.8	8.8
93	93	174	G2_K	-13.8	8.8
93	93	55	G2_K	-13.8	8.8
93	93	1	G2_K	-13.8	8.8
93	93	148	Q_K	1.57	1.7
93	93	174	Q_K	1.57	1.7
93	93	55	Q_K	1.57	1.7
93	93	1	Q_K	1.57	1.7
93	93	148	N_K	0.19	0.2
93	93	174	N_K	0.19	0.2
93	93	55	N_K	0.19	0.2
93	93	1	N_K	0.19	0.2
93	93	148	T+_K	0.	0.
93	93	174	T+_K	0.	0.
93	93	55	T+_K	0.	0.
93	93	1	T+_K	0.	0.
93	93	148	T-_K	0.	0.
93	93	174	T-_K	0.	0.
93	93	55	T-_K	0.	0.
93	93	1	T-_K	0.	0.
93	93	148	G1_D	3.18	3.34
93	93	174	G1_D	3.18	3.34
93	93	55	G1_D	3.18	3.34
93	93	1	G1_D	3.18	3.34
93	93	148	G2_D	-17.94	11.44
93	93	174	G2_D	-17.94	11.44
93	93	55	G2_D	-17.94	11.44
93	93	1	G2_D	-17.94	11.44
93	93	148	Q_D	2.35	2.56
93	93	174	Q_D	2.35	2.56
93	93	55	Q_D	2.35	2.56
93	93	1	Q_D	2.35	2.56
93	93	148	N_D	0.28	0.31
93	93	174	N_D	0.28	0.31
93	93	55	N_D	0.28	0.31
93	93	1	N_D	0.28	0.31
93	93	148	T+_D	0.	0.
93	93	174	T+_D	0.	0.
93	93	55	T+_D	0.	0.
93	93	1	T+_D	0.	0.
93	93	148	T-_D	0.	0.
93	93	174	T-_D	0.	0.
93	93	55	T-_D	0.	0.
93	93	1	T-_D	0.	0.
93	93	148	W+_K	0.	0.
93	93	174	W+_K	0.	0.
93	93	55	W+_K	0.	0.
93	93	1	W+_K	0.	0.
93	93	148	W-_K	0.	0.
93	93	174	W-_K	0.	0.
93	93	55	W-_K	0.	0.
93	93	1	W-_K	0.	0.
93	93	148	W+_D	0.	0.
93	93	174	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
93	93	55	W+_D	0.	0.
93	93	1	W+_D	0.	0.
93	93	148	W-_D	0.	0.
93	93	174	W-_D	0.	0.
93	93	55	W-_D	0.	0.
93	93	1	W-_D	0.	0.
93	93	148	SISMA SLV X	1.04	0.91
93	93	174	SISMA SLV X	1.04	0.91
93	93	55	SISMA SLV X	1.04	0.91
93	93	1	SISMA SLV X	1.04	0.91
93	93	148	SISMA SLV Y	0.87	0.64
93	93	174	SISMA SLV Y	0.87	0.64
93	93	55	SISMA SLV Y	0.87	0.64
93	93	1	SISMA SLV Y	0.87	0.64
93	93	148	SISMA SLD X	0.51	0.44
93	93	174	SISMA SLD X	0.51	0.44
93	93	55	SISMA SLD X	0.51	0.44
93	93	1	SISMA SLD X	0.51	0.44
93	93	148	SISMA SLD Y	0.43	0.31
93	93	174	SISMA SLD Y	0.43	0.31
93	93	55	SISMA SLD Y	0.43	0.31
93	93	1	SISMA SLD Y	0.43	0.31
93	93	148	SISMA SLO X	0.42	0.37
93	93	174	SISMA SLO X	0.42	0.37
93	93	55	SISMA SLO X	0.42	0.37
93	93	1	SISMA SLO X	0.42	0.37
93	93	148	SISMA SLO Y	0.35	0.26
93	93	174	SISMA SLO Y	0.35	0.26
93	93	55	SISMA SLO Y	0.35	0.26
93	93	1	SISMA SLO Y	0.35	0.26
93	93	148	SLT	0.	0.
93	93	174	SLT	0.	0.
93	93	55	SLT	0.	0.
93	93	1	SLT	0.	0.
93	93	148	~TorsionSISMA SLV X	0.	0.
93	93	174	~TorsionSISMA SLV X	0.	0.
93	93	55	~TorsionSISMA SLV X	0.	0.
93	93	1	~TorsionSISMA SLV X	0.	0.
93	93	148	~TorsionSISMA SLV Y	0.	0.
93	93	174	~TorsionSISMA SLV Y	0.	0.
93	93	55	~TorsionSISMA SLV Y	0.	0.
93	93	1	~TorsionSISMA SLV Y	0.	0.
93	93	148	~TorsionSISMA SLD X	0.	0.
93	93	174	~TorsionSISMA SLD X	0.	0.
93	93	55	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
93	93	1	~TorsionSISMA SLD X	0.	0.
93	93	148	~TorsionSISMA SLD Y	0.	0.
93	93	174	~TorsionSISMA SLD Y	0.	0.
93	93	55	~TorsionSISMA SLD Y	0.	0.
93	93	1	~TorsionSISMA SLD Y	0.	0.
93	93	148	~TorsionSISMA SLO X	0.	0.
93	93	174	~TorsionSISMA SLO X	0.	0.
93	93	55	~TorsionSISMA SLO X	0.	0.
93	93	1	~TorsionSISMA SLO X	0.	0.
93	93	148	~TorsionSISMA SLO Y	0.	0.
93	93	174	~TorsionSISMA SLO Y	0.	0.
93	93	55	~TorsionSISMA SLO Y	0.	0.
93	93	1	~TorsionSISMA SLO Y	0.	0.
94	94	1	G1_K	2.43	6.91
94	94	55	G1_K	2.43	6.91
94	94	130	G1_K	2.43	6.91
94	94	105	G1_K	2.43	6.91
94	94	1	G2_K	-3.59	6.87
94	94	55	G2_K	-3.59	6.87
94	94	130	G2_K	-3.59	6.87
94	94	105	G2_K	-3.59	6.87
94	94	1	Q_K	1.59	4.23
94	94	55	Q_K	1.59	4.23
94	94	130	Q_K	1.59	4.23
94	94	105	Q_K	1.59	4.23
94	94	1	N_K	0.19	0.51
94	94	55	N_K	0.19	0.51
94	94	130	N_K	0.19	0.51
94	94	105	N_K	0.19	0.51
94	94	1	T+_K	0.	0.
94	94	55	T+_K	0.	0.
94	94	130	T+_K	0.	0.
94	94	105	T+_K	0.	0.
94	94	1	T-_K	0.	0.
94	94	55	T-_K	0.	0.
94	94	130	T-_K	0.	0.
94	94	105	T-_K	0.	0.
94	94	1	G1_D	3.16	8.98
94	94	55	G1_D	3.16	8.98
94	94	130	G1_D	3.16	8.98
94	94	105	G1_D	3.16	8.98
94	94	1	G2_D	-4.67	8.92
94	94	55	G2_D	-4.67	8.92
94	94	130	G2_D	-4.67	8.92

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
94	94	105	G2_D	-4.67	8.92
94	94	1	Q_D	2.39	6.34
94	94	55	Q_D	2.39	6.34
94	94	130	Q_D	2.39	6.34
94	94	105	Q_D	2.39	6.34
94	94	1	N_D	0.29	0.76
94	94	55	N_D	0.29	0.76
94	94	130	N_D	0.29	0.76
94	94	105	N_D	0.29	0.76
94	94	1	T+_D	0.	0.
94	94	55	T+_D	0.	0.
94	94	130	T+_D	0.	0.
94	94	105	T+_D	0.	0.
94	94	1	T-_D	0.	0.
94	94	55	T-_D	0.	0.
94	94	130	T-_D	0.	0.
94	94	105	T-_D	0.	0.
94	94	1	W+_K	0.	0.
94	94	55	W+_K	0.	0.
94	94	130	W+_K	0.	0.
94	94	105	W+_K	0.	0.
94	94	1	W-_K	0.	0.
94	94	55	W-_K	0.	0.
94	94	130	W-_K	0.	0.
94	94	105	W-_K	0.	0.
94	94	1	W+_D	0.	0.
94	94	55	W+_D	0.	0.
94	94	130	W+_D	0.	0.
94	94	105	W+_D	0.	0.
94	94	1	W-_D	0.	0.
94	94	55	W-_D	0.	0.
94	94	130	W-_D	0.	0.
94	94	105	W-_D	0.	0.
94	94	1	SISMA SLV X	0.47	2.23
94	94	55	SISMA SLV X	0.47	2.23
94	94	130	SISMA SLV X	0.47	2.23
94	94	105	SISMA SLV X	0.47	2.23
94	94	1	SISMA SLV Y	0.69	1.02
94	94	55	SISMA SLV Y	0.69	1.02
94	94	130	SISMA SLV Y	0.69	1.02
94	94	105	SISMA SLV Y	0.69	1.02
94	94	1	SISMA SLD X	0.23	1.09
94	94	55	SISMA SLD X	0.23	1.09
94	94	130	SISMA SLD X	0.23	1.09
94	94	105	SISMA SLD X	0.23	1.09
94	94	1	SISMA SLD Y	0.34	0.5
94	94	55	SISMA SLD Y	0.34	0.5
94	94	130	SISMA SLD Y	0.34	0.5
94	94	105	SISMA SLD Y	0.34	0.5
94	94	1	SISMA SLO X	0.19	0.9
94	94	55	SISMA SLO X	0.19	0.9
94	94	130	SISMA SLO X	0.19	0.9
94	94	105	SISMA SLO X	0.19	0.9
94	94	1	SISMA SLO Y	0.28	0.41

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
94	94	55	SISMA SLO Y	0.28	0.41
94	94	130	SISMA SLO Y	0.28	0.41
94	94	105	SISMA SLO Y	0.28	0.41
94	94	1	SLT	0.	0.
94	94	55	SLT	0.	0.
94	94	130	SLT	0.	0.
94	94	105	SLT	0.	0.
94	94	1	~TorsionSISMA SLV X	0.	0.
94	94	55	~TorsionSISMA SLV X	0.	0.
94	94	130	~TorsionSISMA SLV X	0.	0.
94	94	105	~TorsionSISMA SLV X	0.	0.
94	94	1	~TorsionSISMA SLV Y	0.	0.
94	94	55	~TorsionSISMA SLV Y	0.	0.
94	94	130	~TorsionSISMA SLV Y	0.	0.
94	94	105	~TorsionSISMA SLV Y	0.	0.
94	94	1	~TorsionSISMA SLD X	0.	0.
94	94	55	~TorsionSISMA SLD X	0.	0.
94	94	130	~TorsionSISMA SLD X	0.	0.
94	94	105	~TorsionSISMA SLD X	0.	0.
94	94	1	~TorsionSISMA SLD Y	0.	0.
94	94	55	~TorsionSISMA SLD Y	0.	0.
94	94	130	~TorsionSISMA SLD Y	0.	0.
94	94	105	~TorsionSISMA SLD Y	0.	0.
94	94	1	~TorsionSISMA SLO X	0.	0.
94	94	55	~TorsionSISMA SLO X	0.	0.
94	94	130	~TorsionSISMA SLO X	0.	0.
94	94	105	~TorsionSISMA SLO X	0.	0.
94	94	1	~TorsionSISMA SLO Y	0.	0.
94	94	55	~TorsionSISMA SLO Y	0.	0.
94	94	130	~TorsionSISMA SLO Y	0.	0.
94	94	105	~TorsionSISMA SLO Y	0.	0.
95	95	111	G1_K	-0.47	3.51
95	95	112	G1_K	-0.47	3.51
95	95	110	G1_K	-0.47	3.51
95	95	108	G1_K	-0.47	3.51

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
95	95	111	G2_K	0.18	-2.61
95	95	112	G2_K	0.18	-2.61
95	95	110	G2_K	0.18	-2.61
95	95	108	G2_K	0.18	-2.61
95	95	111	Q_K	-0.31	2.29
95	95	112	Q_K	-0.31	2.29
95	95	110	Q_K	-0.31	2.29
95	95	108	Q_K	-0.31	2.29
95	95	111	N_K	-3.678E-02	0.27
95	95	112	N_K	-3.678E-02	0.27
95	95	110	N_K	-3.678E-02	0.27
95	95	108	N_K	-3.678E-02	0.27
95	95	111	T+_K	0.	0.
95	95	112	T+_K	0.	0.
95	95	110	T+_K	0.	0.
95	95	108	T+_K	0.	0.
95	95	111	T-_K	0.	0.
95	95	112	T-_K	0.	0.
95	95	110	T-_K	0.	0.
95	95	108	T-_K	0.	0.
95	95	111	G1_D	-0.62	4.57
95	95	112	G1_D	-0.62	4.57
95	95	110	G1_D	-0.62	4.57
95	95	108	G1_D	-0.62	4.57
95	95	111	G2_D	0.23	-3.39
95	95	112	G2_D	0.23	-3.39
95	95	110	G2_D	0.23	-3.39
95	95	108	G2_D	0.23	-3.39
95	95	111	Q_D	-0.46	3.43
95	95	112	Q_D	-0.46	3.43
95	95	110	Q_D	-0.46	3.43
95	95	108	Q_D	-0.46	3.43
95	95	111	N_D	-5.517E-02	0.41
95	95	112	N_D	-5.517E-02	0.41
95	95	110	N_D	-5.517E-02	0.41
95	95	108	N_D	-5.517E-02	0.41
95	95	111	T+_D	0.	0.
95	95	112	T+_D	0.	0.
95	95	110	T+_D	0.	0.
95	95	108	T+_D	0.	0.
95	95	111	T-_D	0.	0.
95	95	112	T-_D	0.	0.
95	95	110	T-_D	0.	0.
95	95	108	T-_D	0.	0.
95	95	111	W+_K	0.	0.
95	95	112	W+_K	0.	0.
95	95	110	W+_K	0.	0.
95	95	108	W+_K	0.	0.
95	95	111	W-_K	0.	0.
95	95	112	W-_K	0.	0.
95	95	110	W-_K	0.	0.
95	95	108	W-_K	0.	0.
95	95	111	W+_D	0.	0.
95	95	112	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
95	95	110	W+_D	0.	0.
95	95	108	W+_D	0.	0.
95	95	111	W-_D	0.	0.
95	95	112	W-_D	0.	0.
95	95	110	W-_D	0.	0.
95	95	108	W-_D	0.	0.
95	95	111	SISMA SLV X	0.14	0.78
95	95	112	SISMA SLV X	0.14	0.78
95	95	110	SISMA SLV X	0.14	0.78
95	95	108	SISMA SLV X	0.14	0.78
95	95	111	SISMA SLV Y	0.26	1.54
95	95	112	SISMA SLV Y	0.26	1.54
95	95	110	SISMA SLV Y	0.26	1.54
95	95	108	SISMA SLV Y	0.26	1.54
95	95	111	SISMA SLD X	6.744E-02	0.38
95	95	112	SISMA SLD X	6.744E-02	0.38
95	95	110	SISMA SLD X	6.744E-02	0.38
95	95	108	SISMA SLD X	6.744E-02	0.38
95	95	111	SISMA SLD Y	0.13	0.75
95	95	112	SISMA SLD Y	0.13	0.75
95	95	110	SISMA SLD Y	0.13	0.75
95	95	108	SISMA SLD Y	0.13	0.75
95	95	111	SISMA SLO X	5.586E-02	0.32
95	95	112	SISMA SLO X	5.586E-02	0.32
95	95	110	SISMA SLO X	5.586E-02	0.32
95	95	108	SISMA SLO X	5.586E-02	0.32
95	95	111	SISMA SLO Y	0.1	0.62
95	95	112	SISMA SLO Y	0.1	0.62
95	95	110	SISMA SLO Y	0.1	0.62
95	95	108	SISMA SLO Y	0.1	0.62
95	95	111	SLT	0.	0.
95	95	112	SLT	0.	0.
95	95	110	SLT	0.	0.
95	95	108	SLT	0.	0.
95	95	111	~TorsionSISMA SLV X	0.	0.
95	95	112	~TorsionSISMA SLV X	0.	0.
95	95	110	~TorsionSISMA SLV X	0.	0.
95	95	108	~TorsionSISMA SLV X	0.	0.
95	95	111	~TorsionSISMA SLV Y	0.	0.
95	95	112	~TorsionSISMA SLV Y	0.	0.
95	95	110	~TorsionSISMA SLV Y	0.	0.
95	95	108	~TorsionSISMA SLV Y	0.	0.
95	95	111	~TorsionSISMA SLD X	0.	0.
95	95	112	~TorsionSISMA SLD X	0.	0.
95	95	110	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
95	95	108	~TorsionSISMA SLD X	0.	0.
95	95	111	~TorsionSISMA SLD Y	0.	0.
95	95	112	~TorsionSISMA SLD Y	0.	0.
95	95	110	~TorsionSISMA SLD Y	0.	0.
95	95	108	~TorsionSISMA SLD Y	0.	0.
95	95	111	~TorsionSISMA SLO X	0.	0.
95	95	112	~TorsionSISMA SLO X	0.	0.
95	95	110	~TorsionSISMA SLO X	0.	0.
95	95	108	~TorsionSISMA SLO X	0.	0.
95	95	111	~TorsionSISMA SLO Y	0.	0.
95	95	112	~TorsionSISMA SLO Y	0.	0.
95	95	110	~TorsionSISMA SLO Y	0.	0.
95	95	108	~TorsionSISMA SLO Y	0.	0.
96	96	103	G1_K	4.84	-5.28
96	96	113	G1_K	-12.71	-5.28
96	96	114	G1_K	-12.71	16.04
96	96	115	G1_K	4.84	16.04
96	96	103	G2_K	-1.	-7.707E-02
96	96	113	G2_K	-0.37	-7.707E-02
96	96	114	G2_K	-0.37	-0.79
96	96	115	G2_K	-1.	-0.79
96	96	103	Q_K	3.08	-3.36
96	96	113	Q_K	-8.14	-3.36
96	96	114	Q_K	-8.14	10.26
96	96	115	Q_K	3.08	10.26
96	96	103	N_K	0.37	-0.4
96	96	113	N_K	-0.98	-0.4
96	96	114	N_K	-0.98	1.23
96	96	115	N_K	0.37	1.23
96	96	103	T+_K	0.	0.
96	96	113	T+_K	0.	0.
96	96	114	T+_K	0.	0.
96	96	115	T+_K	0.	0.
96	96	103	T-_K	0.	0.
96	96	113	T-_K	0.	0.
96	96	114	T-_K	0.	0.
96	96	115	T-_K	0.	0.
96	96	103	G1_D	6.29	-6.86
96	96	113	G1_D	-16.52	-6.86
96	96	114	G1_D	-16.52	20.85
96	96	115	G1_D	6.29	20.85
96	96	103	G2_D	-1.3	-0.1
96	96	113	G2_D	-0.49	-0.1
96	96	114	G2_D	-0.49	-1.03

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
96	96	115	G2_D	-1.3	-1.03
96	96	103	Q_D	4.62	-5.05
96	96	113	Q_D	-12.21	-5.05
96	96	114	Q_D	-12.21	15.39
96	96	115	Q_D	4.62	15.39
96	96	103	N_D	0.55	-0.61
96	96	113	N_D	-1.46	-0.61
96	96	114	N_D	-1.46	1.85
96	96	115	N_D	0.55	1.85
96	96	103	T+_D	0.	0.
96	96	113	T+_D	0.	0.
96	96	114	T+_D	0.	0.
96	96	115	T+_D	0.	0.
96	96	103	T-_D	0.	0.
96	96	113	T-_D	0.	0.
96	96	114	T-_D	0.	0.
96	96	115	T-_D	0.	0.
96	96	103	W+_K	0.	0.
96	96	113	W+_K	0.	0.
96	96	114	W+_K	0.	0.
96	96	115	W+_K	0.	0.
96	96	103	W-_K	0.	0.
96	96	113	W-_K	0.	0.
96	96	114	W-_K	0.	0.
96	96	115	W-_K	0.	0.
96	96	103	W+_D	0.	0.
96	96	113	W+_D	0.	0.
96	96	114	W+_D	0.	0.
96	96	115	W+_D	0.	0.
96	96	103	W-_D	0.	0.
96	96	113	W-_D	0.	0.
96	96	114	W-_D	0.	0.
96	96	115	W-_D	0.	0.
96	96	103	SISMA SLV X	0.54	0.9
96	96	113	SISMA SLV X	1.54	0.9
96	96	114	SISMA SLV X	1.54	2.21
96	96	115	SISMA SLV X	0.54	2.21
96	96	103	SISMA SLV Y	0.2	0.6
96	96	113	SISMA SLV Y	1.03	0.6
96	96	114	SISMA SLV Y	1.03	1.07
96	96	115	SISMA SLV Y	0.2	1.07
96	96	103	SISMA SLD X	0.26	0.44
96	96	113	SISMA SLD X	0.75	0.44
96	96	114	SISMA SLD X	0.75	1.08
96	96	115	SISMA SLD X	0.26	1.08
96	96	103	SISMA SLD Y	9.793E-02	0.29
96	96	113	SISMA SLD Y	0.5	0.29
96	96	114	SISMA SLD Y	0.5	0.52
96	96	115	SISMA SLD Y	9.793E-02	0.52
96	96	103	SISMA SLO X	0.22	0.36
96	96	113	SISMA SLO X	0.62	0.36
96	96	114	SISMA SLO X	0.62	0.89
96	96	115	SISMA SLO X	0.22	0.89
96	96	103	SISMA SLO Y	8.113E-02	0.24

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
96	96	113	SISMA SLO Y	0.42	0.24
96	96	114	SISMA SLO Y	0.42	0.43
96	96	115	SISMA SLO Y	8.113E-02	0.43
96	96	103	SLT	0.	0.
96	96	113	SLT	0.	0.
96	96	114	SLT	0.	0.
96	96	115	SLT	0.	0.
96	96	103	~TorsionSISMA SLV X	0.	0.
96	96	113	~TorsionSISMA SLV X	0.	0.
96	96	114	~TorsionSISMA SLV X	0.	0.
96	96	115	~TorsionSISMA SLV X	0.	0.
96	96	103	~TorsionSISMA SLV Y	0.	0.
96	96	113	~TorsionSISMA SLV Y	0.	0.
96	96	114	~TorsionSISMA SLV Y	0.	0.
96	96	115	~TorsionSISMA SLV Y	0.	0.
96	96	103	~TorsionSISMA SLD X	0.	0.
96	96	113	~TorsionSISMA SLD X	0.	0.
96	96	114	~TorsionSISMA SLD X	0.	0.
96	96	115	~TorsionSISMA SLD X	0.	0.
96	96	103	~TorsionSISMA SLD Y	0.	0.
96	96	113	~TorsionSISMA SLD Y	0.	0.
96	96	114	~TorsionSISMA SLD Y	0.	0.
96	96	115	~TorsionSISMA SLD Y	0.	0.
96	96	103	~TorsionSISMA SLO X	0.	0.
96	96	113	~TorsionSISMA SLO X	0.	0.
96	96	114	~TorsionSISMA SLO X	0.	0.
96	96	115	~TorsionSISMA SLO X	0.	0.
96	96	103	~TorsionSISMA SLO Y	0.	0.
96	96	113	~TorsionSISMA SLO Y	0.	0.
96	96	114	~TorsionSISMA SLO Y	0.	0.
96	96	115	~TorsionSISMA SLO Y	0.	0.
97	97	115	G1_K	0.73	18.97
97	97	114	G1_K	-1.34	18.97
97	97	116	G1_K	-1.34	23.47
97	97	117	G1_K	0.73	23.47

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
97	97	115	G2_K	-1.46	-0.53
97	97	114	G2_K	-0.16	-0.53
97	97	116	G2_K	-0.16	-1.86
97	97	117	G2_K	-1.46	-1.86
97	97	115	Q_K	0.43	12.14
97	97	114	Q_K	-0.86	12.14
97	97	116	Q_K	-0.86	15.01
97	97	117	Q_K	0.43	15.01
97	97	115	N_K	5.117E-02	1.46
97	97	114	N_K	-0.1	1.46
97	97	116	N_K	-0.1	1.8
97	97	117	N_K	5.117E-02	1.8
97	97	115	T+_K	0.	0.
97	97	114	T+_K	0.	0.
97	97	116	T+_K	0.	0.
97	97	117	T+_K	0.	0.
97	97	115	T-_K	0.	0.
97	97	114	T-_K	0.	0.
97	97	116	T-_K	0.	0.
97	97	117	T-_K	0.	0.
97	97	115	G1_D	0.95	24.66
97	97	114	G1_D	-1.74	24.66
97	97	116	G1_D	-1.74	30.51
97	97	117	G1_D	0.95	30.51
97	97	115	G2_D	-1.9	-0.69
97	97	114	G2_D	-0.2	-0.69
97	97	116	G2_D	-0.2	-2.41
97	97	117	G2_D	-1.9	-2.41
97	97	115	Q_D	0.64	18.22
97	97	114	Q_D	-1.28	18.22
97	97	116	Q_D	-1.28	22.51
97	97	117	Q_D	0.64	22.51
97	97	115	N_D	7.676E-02	2.19
97	97	114	N_D	-0.15	2.19
97	97	116	N_D	-0.15	2.7
97	97	117	N_D	7.676E-02	2.7
97	97	115	T+_D	0.	0.
97	97	114	T+_D	0.	0.
97	97	116	T+_D	0.	0.
97	97	117	T+_D	0.	0.
97	97	115	T-_D	0.	0.
97	97	114	T-_D	0.	0.
97	97	116	T-_D	0.	0.
97	97	117	T-_D	0.	0.
97	97	115	W+_K	0.	0.
97	97	114	W+_K	0.	0.
97	97	116	W+_K	0.	0.
97	97	117	W+_K	0.	0.
97	97	115	W-_K	0.	0.
97	97	114	W-_K	0.	0.
97	97	116	W-_K	0.	0.
97	97	117	W-_K	0.	0.
97	97	115	W+_D	0.	0.
97	97	114	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
97	97	116	W+_D	0.	0.
97	97	117	W+_D	0.	0.
97	97	115	W-_D	0.	0.
97	97	114	W-_D	0.	0.
97	97	116	W-_D	0.	0.
97	97	117	W-_D	0.	0.
97	97	115	SISMA SLV X	1.07	2.7
97	97	114	SISMA SLV X	0.52	2.7
97	97	116	SISMA SLV X	0.52	2.82
97	97	117	SISMA SLV X	1.07	2.82
97	97	115	SISMA SLV Y	0.66	1.28
97	97	114	SISMA SLV Y	0.34	1.28
97	97	116	SISMA SLV Y	0.34	1.42
97	97	117	SISMA SLV Y	0.66	1.42
97	97	115	SISMA SLD X	0.52	1.32
97	97	114	SISMA SLD X	0.26	1.32
97	97	116	SISMA SLD X	0.26	1.38
97	97	117	SISMA SLD X	0.52	1.38
97	97	115	SISMA SLD Y	0.32	0.62
97	97	114	SISMA SLD Y	0.17	0.62
97	97	116	SISMA SLD Y	0.17	0.7
97	97	117	SISMA SLD Y	0.32	0.7
97	97	115	SISMA SLO X	0.43	1.09
97	97	114	SISMA SLO X	0.21	1.09
97	97	116	SISMA SLO X	0.21	1.14
97	97	117	SISMA SLO X	0.43	1.14
97	97	115	SISMA SLO Y	0.27	0.52
97	97	114	SISMA SLO Y	0.14	0.52
97	97	116	SISMA SLO Y	0.14	0.58
97	97	117	SISMA SLO Y	0.27	0.58
97	97	115	SLT	0.	0.
97	97	114	SLT	0.	0.
97	97	116	SLT	0.	0.
97	97	117	SLT	0.	0.
97	97	115	~TorsionSISMA SLV X	0.	0.
97	97	114	~TorsionSISMA SLV X	0.	0.
97	97	116	~TorsionSISMA SLV X	0.	0.
97	97	117	~TorsionSISMA SLV X	0.	0.
97	97	115	~TorsionSISMA SLV Y	0.	0.
97	97	114	~TorsionSISMA SLV Y	0.	0.
97	97	116	~TorsionSISMA SLV Y	0.	0.
97	97	117	~TorsionSISMA SLV Y	0.	0.
97	97	115	~TorsionSISMA SLD X	0.	0.
97	97	114	~TorsionSISMA SLD X	0.	0.
97	97	116	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
97	97	117	~TorsionSISMA SLD X	0.	0.
97	97	115	~TorsionSISMA SLD Y	0.	0.
97	97	114	~TorsionSISMA SLD Y	0.	0.
97	97	116	~TorsionSISMA SLD Y	0.	0.
97	97	117	~TorsionSISMA SLD Y	0.	0.
97	97	115	~TorsionSISMA SLO X	0.	0.
97	97	114	~TorsionSISMA SLO X	0.	0.
97	97	116	~TorsionSISMA SLO X	0.	0.
97	97	117	~TorsionSISMA SLO X	0.	0.
97	97	115	~TorsionSISMA SLO Y	0.	0.
97	97	114	~TorsionSISMA SLO Y	0.	0.
97	97	116	~TorsionSISMA SLO Y	0.	0.
97	97	117	~TorsionSISMA SLO Y	0.	0.
98	98	117	G1_K	-0.59	23.44
98	98	116	G1_K	1.33	23.44
98	98	118	G1_K	1.33	18.95
98	98	119	G1_K	-0.59	18.95
98	98	117	G2_K	-1.78	-1.78
98	98	116	G2_K	1.09	-1.78
98	98	118	G2_K	1.09	-7.9
98	98	119	G2_K	-1.78	-7.9
98	98	117	Q_K	-0.36	14.99
98	98	116	Q_K	0.85	14.99
98	98	118	Q_K	0.85	12.14
98	98	119	Q_K	-0.36	12.14
98	98	117	N_K	-4.262E-02	1.8
98	98	116	N_K	0.1	1.8
98	98	118	N_K	0.1	1.46
98	98	119	N_K	-4.262E-02	1.46
98	98	117	T+_K	0.	0.
98	98	116	T+_K	0.	0.
98	98	118	T+_K	0.	0.
98	98	119	T+_K	0.	0.
98	98	117	T-_K	0.	0.
98	98	116	T-_K	0.	0.
98	98	118	T-_K	0.	0.
98	98	119	T-_K	0.	0.
98	98	117	G1_D	-0.76	30.47
98	98	116	G1_D	1.72	30.47
98	98	118	G1_D	1.72	24.63
98	98	119	G1_D	-0.76	24.63
98	98	117	G2_D	-2.32	-2.31
98	98	116	G2_D	1.42	-2.31
98	98	118	G2_D	1.42	-10.27

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
98	98	119	G2_D	-2.32	-10.27
98	98	117	Q_D	-0.53	22.49
98	98	116	Q_D	1.28	22.49
98	98	118	Q_D	1.28	18.21
98	98	119	Q_D	-0.53	18.21
98	98	117	N_D	-6.393E-02	2.7
98	98	116	N_D	0.15	2.7
98	98	118	N_D	0.15	2.18
98	98	119	N_D	-6.393E-02	2.18
98	98	117	T+_D	0.	0.
98	98	116	T+_D	0.	0.
98	98	118	T+_D	0.	0.
98	98	119	T+_D	0.	0.
98	98	117	T-_D	0.	0.
98	98	116	T-_D	0.	0.
98	98	118	T-_D	0.	0.
98	98	119	T-_D	0.	0.
98	98	117	W+_K	0.	0.
98	98	116	W+_K	0.	0.
98	98	118	W+_K	0.	0.
98	98	119	W+_K	0.	0.
98	98	117	W-_K	0.	0.
98	98	116	W-_K	0.	0.
98	98	118	W-_K	0.	0.
98	98	119	W-_K	0.	0.
98	98	117	W+_D	0.	0.
98	98	116	W+_D	0.	0.
98	98	118	W+_D	0.	0.
98	98	119	W+_D	0.	0.
98	98	117	W-_D	0.	0.
98	98	116	W-_D	0.	0.
98	98	118	W-_D	0.	0.
98	98	119	W-_D	0.	0.
98	98	117	SISMA SLV X	1.14	2.89
98	98	116	SISMA SLV X	0.84	2.89
98	98	118	SISMA SLV X	0.84	1.86
98	98	119	SISMA SLV X	1.14	1.86
98	98	117	SISMA SLV Y	0.54	1.46
98	98	116	SISMA SLV Y	0.55	1.46
98	98	118	SISMA SLV Y	0.55	1.
98	98	119	SISMA SLV Y	0.54	1.
98	98	117	SISMA SLD X	0.56	1.41
98	98	116	SISMA SLD X	0.41	1.41
98	98	118	SISMA SLD X	0.41	0.91
98	98	119	SISMA SLD X	0.56	0.91
98	98	117	SISMA SLD Y	0.26	0.71
98	98	116	SISMA SLD Y	0.27	0.71
98	98	118	SISMA SLD Y	0.27	0.49
98	98	119	SISMA SLD Y	0.26	0.49
98	98	117	SISMA SLO X	0.46	1.17
98	98	116	SISMA SLO X	0.34	1.17
98	98	118	SISMA SLO X	0.34	0.75
98	98	119	SISMA SLO X	0.46	0.75
98	98	117	SISMA SLO Y	0.22	0.59

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
98	98	116	SISMA SLO Y	0.22	0.59
98	98	118	SISMA SLO Y	0.22	0.4
98	98	119	SISMA SLO Y	0.22	0.4
98	98	117	SLT	0.	0.
98	98	116	SLT	0.	0.
98	98	118	SLT	0.	0.
98	98	119	SLT	0.	0.
98	98	117	~TorsionSISMA SLV X	0.	0.
98	98	116	~TorsionSISMA SLV X	0.	0.
98	98	118	~TorsionSISMA SLV X	0.	0.
98	98	119	~TorsionSISMA SLV X	0.	0.
98	98	117	~TorsionSISMA SLV Y	0.	0.
98	98	116	~TorsionSISMA SLV Y	0.	0.
98	98	118	~TorsionSISMA SLV Y	0.	0.
98	98	119	~TorsionSISMA SLV Y	0.	0.
98	98	117	~TorsionSISMA SLD X	0.	0.
98	98	116	~TorsionSISMA SLD X	0.	0.
98	98	118	~TorsionSISMA SLD X	0.	0.
98	98	119	~TorsionSISMA SLD X	0.	0.
98	98	117	~TorsionSISMA SLD Y	0.	0.
98	98	116	~TorsionSISMA SLD Y	0.	0.
98	98	118	~TorsionSISMA SLD Y	0.	0.
98	98	119	~TorsionSISMA SLD Y	0.	0.
98	98	117	~TorsionSISMA SLO X	0.	0.
98	98	116	~TorsionSISMA SLO X	0.	0.
98	98	118	~TorsionSISMA SLO X	0.	0.
98	98	119	~TorsionSISMA SLO X	0.	0.
98	98	117	~TorsionSISMA SLO Y	0.	0.
98	98	116	~TorsionSISMA SLO Y	0.	0.
98	98	118	~TorsionSISMA SLO Y	0.	0.
98	98	119	~TorsionSISMA SLO Y	0.	0.
99	99	119	G1_K	-4.6	16.03
99	99	118	G1_K	12.56	16.03
99	99	120	G1_K	12.56	-5.22
99	99	104	G1_K	-4.6	-5.22

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
99	99	119	G2_K	2.59	-9.29
99	99	118	G2_K	7.37	-9.29
99	99	120	G2_K	7.37	-1.51
99	99	104	G2_K	2.59	-1.51
99	99	119	Q_K	-2.94	10.27
99	99	118	Q_K	8.04	10.27
99	99	120	Q_K	8.04	-3.32
99	99	104	Q_K	-2.94	-3.32
99	99	119	N_K	-0.35	1.23
99	99	118	N_K	0.97	1.23
99	99	120	N_K	0.97	-0.4
99	99	104	N_K	-0.35	-0.4
99	99	119	T+_K	0.	0.
99	99	118	T+_K	0.	0.
99	99	120	T+_K	0.	0.
99	99	104	T+_K	0.	0.
99	99	119	T-_K	0.	0.
99	99	118	T-_K	0.	0.
99	99	120	T-_K	0.	0.
99	99	104	T-_K	0.	0.
99	99	119	G1_D	-5.98	20.84
99	99	118	G1_D	16.33	20.84
99	99	120	G1_D	16.33	-6.78
99	99	104	G1_D	-5.98	-6.78
99	99	119	G2_D	3.37	-12.08
99	99	118	G2_D	9.59	-12.08
99	99	120	G2_D	9.59	-1.97
99	99	104	G2_D	3.37	-1.97
99	99	119	Q_D	-4.41	15.4
99	99	118	Q_D	12.06	15.4
99	99	120	Q_D	12.06	-4.98
99	99	104	Q_D	-4.41	-4.98
99	99	119	N_D	-0.53	1.85
99	99	118	N_D	1.45	1.85
99	99	120	N_D	1.45	-0.6
99	99	104	N_D	-0.53	-0.6
99	99	119	T+_D	0.	0.
99	99	118	T+_D	0.	0.
99	99	120	T+_D	0.	0.
99	99	104	T+_D	0.	0.
99	99	119	T-_D	0.	0.
99	99	118	T-_D	0.	0.
99	99	120	T-_D	0.	0.
99	99	104	T-_D	0.	0.
99	99	119	W+_K	0.	0.
99	99	118	W+_K	0.	0.
99	99	120	W+_K	0.	0.
99	99	104	W+_K	0.	0.
99	99	119	W-_K	0.	0.
99	99	118	W-_K	0.	0.
99	99	120	W-_K	0.	0.
99	99	104	W-_K	0.	0.
99	99	119	W+_D	0.	0.
99	99	118	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
99	99	120	W+_D	0.	0.
99	99	104	W+_D	0.	0.
99	99	119	W-_D	0.	0.
99	99	118	W-_D	0.	0.
99	99	120	W-_D	0.	0.
99	99	104	W-_D	0.	0.
99	99	119	SISMA SLV X	0.72	1.53
99	99	118	SISMA SLV X	1.59	1.53
99	99	120	SISMA SLV X	1.59	0.73
99	99	104	SISMA SLV X	0.72	0.73
99	99	119	SISMA SLV Y	0.33	0.97
99	99	118	SISMA SLV Y	1.09	0.97
99	99	120	SISMA SLV Y	1.09	0.59
99	99	104	SISMA SLV Y	0.33	0.59
99	99	119	SISMA SLD X	0.35	0.75
99	99	118	SISMA SLD X	0.78	0.75
99	99	120	SISMA SLD X	0.78	0.36
99	99	104	SISMA SLD X	0.35	0.36
99	99	119	SISMA SLD Y	0.16	0.47
99	99	118	SISMA SLD Y	0.53	0.47
99	99	120	SISMA SLD Y	0.53	0.29
99	99	104	SISMA SLD Y	0.16	0.29
99	99	119	SISMA SLO X	0.29	0.62
99	99	118	SISMA SLO X	0.65	0.62
99	99	120	SISMA SLO X	0.65	0.29
99	99	104	SISMA SLO X	0.29	0.29
99	99	119	SISMA SLO Y	0.13	0.39
99	99	118	SISMA SLO Y	0.44	0.39
99	99	120	SISMA SLO Y	0.44	0.24
99	99	104	SISMA SLO Y	0.13	0.24
99	99	119	SLT	0.	0.
99	99	118	SLT	0.	0.
99	99	120	SLT	0.	0.
99	99	104	SLT	0.	0.
99	99	119	~TorsionSISMA SLV X	0.	0.
99	99	118	~TorsionSISMA SLV X	0.	0.
99	99	120	~TorsionSISMA SLV X	0.	0.
99	99	104	~TorsionSISMA SLV X	0.	0.
99	99	119	~TorsionSISMA SLV Y	0.	0.
99	99	118	~TorsionSISMA SLV Y	0.	0.
99	99	120	~TorsionSISMA SLV Y	0.	0.
99	99	104	~TorsionSISMA SLV Y	0.	0.
99	99	119	~TorsionSISMA SLD X	0.	0.
99	99	118	~TorsionSISMA SLD X	0.	0.
99	99	120	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
99	99	104	~TorsionSISMA SLD X	0.	0.
99	99	119	~TorsionSISMA SLD Y	0.	0.
99	99	118	~TorsionSISMA SLD Y	0.	0.
99	99	120	~TorsionSISMA SLD Y	0.	0.
99	99	104	~TorsionSISMA SLD Y	0.	0.
99	99	119	~TorsionSISMA SLO X	0.	0.
99	99	118	~TorsionSISMA SLO X	0.	0.
99	99	120	~TorsionSISMA SLO X	0.	0.
99	99	104	~TorsionSISMA SLO X	0.	0.
99	99	119	~TorsionSISMA SLO Y	0.	0.
99	99	118	~TorsionSISMA SLO Y	0.	0.
99	99	120	~TorsionSISMA SLO Y	0.	0.
99	99	104	~TorsionSISMA SLO Y	0.	0.
100	100	113	G1_K	-15.86	-0.63
100	100	121	G1_K	-19.34	-0.63
100	100	122	G1_K	-19.34	2.9
100	100	114	G1_K	-15.86	2.9
100	100	113	G2_K	-0.2	0.19
100	100	121	G2_K	-0.48	0.19
100	100	122	G2_K	-0.48	-0.44
100	100	114	G2_K	-0.2	-0.44
100	100	113	Q_K	-10.16	-0.36
100	100	121	Q_K	-12.38	-0.36
100	100	122	Q_K	-12.38	1.85
100	100	114	Q_K	-10.16	1.85
100	100	113	N_K	-1.22	-4.316E-02
100	100	121	N_K	-1.49	-4.316E-02
100	100	122	N_K	-1.49	0.22
100	100	114	N_K	-1.22	0.22
100	100	113	T+_K	0.	0.
100	100	121	T+_K	0.	0.
100	100	122	T+_K	0.	0.
100	100	114	T+_K	0.	0.
100	100	113	T-_K	0.	0.
100	100	121	T-_K	0.	0.
100	100	122	T-_K	0.	0.
100	100	114	T-_K	0.	0.
100	100	113	G1_D	-20.62	-0.81
100	100	121	G1_D	-25.15	-0.81
100	100	122	G1_D	-25.15	3.77
100	100	114	G1_D	-20.62	3.77
100	100	113	G2_D	-0.26	0.25
100	100	121	G2_D	-0.63	0.25
100	100	122	G2_D	-0.63	-0.57

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
100	100	114	G2_D	-0.26	-0.57
100	100	113	Q_D	-15.24	-0.54
100	100	121	Q_D	-18.57	-0.54
100	100	122	Q_D	-18.57	2.78
100	100	114	Q_D	-15.24	2.78
100	100	113	N_D	-1.83	-6.475E-02
100	100	121	N_D	-2.23	-6.475E-02
100	100	122	N_D	-2.23	0.33
100	100	114	N_D	-1.83	0.33
100	100	113	T+_D	0.	0.
100	100	121	T+_D	0.	0.
100	100	122	T+_D	0.	0.
100	100	114	T+_D	0.	0.
100	100	113	T-_D	0.	0.
100	100	121	T-_D	0.	0.
100	100	122	T-_D	0.	0.
100	100	114	T-_D	0.	0.
100	100	113	W+_K	0.	0.
100	100	121	W+_K	0.	0.
100	100	122	W+_K	0.	0.
100	100	114	W+_K	0.	0.
100	100	113	W-_K	0.	0.
100	100	121	W-_K	0.	0.
100	100	122	W-_K	0.	0.
100	100	114	W-_K	0.	0.
100	100	113	W+_D	0.	0.
100	100	121	W+_D	0.	0.
100	100	122	W+_D	0.	0.
100	100	114	W+_D	0.	0.
100	100	113	W-_D	0.	0.
100	100	121	W-_D	0.	0.
100	100	122	W-_D	0.	0.
100	100	114	W-_D	0.	0.
100	100	113	SISMA SLV X	2.	0.59
100	100	121	SISMA SLV X	2.24	0.59
100	100	122	SISMA SLV X	2.24	0.8
100	100	114	SISMA SLV X	2.	0.8
100	100	113	SISMA SLV Y	1.24	1.23
100	100	121	SISMA SLV Y	0.94	1.23
100	100	122	SISMA SLV Y	0.94	0.75
100	100	114	SISMA SLV Y	1.24	0.75
100	100	113	SISMA SLD X	0.97	0.29
100	100	121	SISMA SLD X	1.09	0.29
100	100	122	SISMA SLD X	1.09	0.39
100	100	114	SISMA SLD X	0.97	0.39
100	100	113	SISMA SLD Y	0.61	0.6
100	100	121	SISMA SLD Y	0.46	0.6
100	100	122	SISMA SLD Y	0.46	0.36
100	100	114	SISMA SLD Y	0.61	0.36
100	100	113	SISMA SLO X	0.81	0.24
100	100	121	SISMA SLO X	0.91	0.24
100	100	122	SISMA SLO X	0.91	0.32
100	100	114	SISMA SLO X	0.81	0.32
100	100	113	SISMA SLO Y	0.5	0.5

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
100	100	121	SISMA SLO Y	0.38	0.5
100	100	122	SISMA SLO Y	0.38	0.3
100	100	114	SISMA SLO Y	0.5	0.3
100	100	113	SLT	0.	0.
100	100	121	SLT	0.	0.
100	100	122	SLT	0.	0.
100	100	114	SLT	0.	0.
100	100	113	~TorsionSISMA SLV X	0.	0.
100	100	121	~TorsionSISMA SLV X	0.	0.
100	100	122	~TorsionSISMA SLV X	0.	0.
100	100	114	~TorsionSISMA SLV X	0.	0.
100	100	113	~TorsionSISMA SLV Y	0.	0.
100	100	121	~TorsionSISMA SLV Y	0.	0.
100	100	122	~TorsionSISMA SLV Y	0.	0.
100	100	114	~TorsionSISMA SLV Y	0.	0.
100	100	113	~TorsionSISMA SLD X	0.	0.
100	100	121	~TorsionSISMA SLD X	0.	0.
100	100	122	~TorsionSISMA SLD X	0.	0.
100	100	114	~TorsionSISMA SLD X	0.	0.
100	100	113	~TorsionSISMA SLD Y	0.	0.
100	100	121	~TorsionSISMA SLD Y	0.	0.
100	100	122	~TorsionSISMA SLD Y	0.	0.
100	100	114	~TorsionSISMA SLD Y	0.	0.
100	100	113	~TorsionSISMA SLO X	0.	0.
100	100	121	~TorsionSISMA SLO X	0.	0.
100	100	122	~TorsionSISMA SLO X	0.	0.
100	100	114	~TorsionSISMA SLO X	0.	0.
100	100	113	~TorsionSISMA SLO Y	0.	0.
100	100	121	~TorsionSISMA SLO Y	0.	0.
100	100	122	~TorsionSISMA SLO Y	0.	0.
100	100	114	~TorsionSISMA SLO Y	0.	0.
101	101	114	G1_K	-2.58	4.
101	101	122	G1_K	-3.97	4.
101	101	123	G1_K	-3.97	6.32
101	101	116	G1_K	-2.58	6.32

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
101	101	114	G2_K	0.27	-0.47
101	101	122	G2_K	0.13	-0.47
101	101	123	G2_K	0.13	-1.21
101	101	116	G2_K	0.27	-1.21
101	101	114	Q_K	-1.65	2.55
101	101	122	Q_K	-2.55	2.55
101	101	123	Q_K	-2.55	4.05
101	101	116	Q_K	-1.65	4.05
101	101	114	N_K	-0.2	0.31
101	101	122	N_K	-0.31	0.31
101	101	123	N_K	-0.31	0.49
101	101	116	N_K	-0.2	0.49
101	101	114	T+_K	0.	0.
101	101	122	T+_K	0.	0.
101	101	123	T+_K	0.	0.
101	101	116	T+_K	0.	0.
101	101	114	T-_K	0.	0.
101	101	122	T-_K	0.	0.
101	101	123	T-_K	0.	0.
101	101	116	T-_K	0.	0.
101	101	114	G1_D	-3.35	5.2
101	101	122	G1_D	-5.17	5.2
101	101	123	G1_D	-5.17	8.21
101	101	116	G1_D	-3.35	8.21
101	101	114	G2_D	0.35	-0.61
101	101	122	G2_D	0.17	-0.61
101	101	123	G2_D	0.17	-1.57
101	101	116	G2_D	0.35	-1.57
101	101	114	Q_D	-2.47	3.83
101	101	122	Q_D	-3.82	3.83
101	101	123	Q_D	-3.82	6.07
101	101	116	Q_D	-2.47	6.07
101	101	114	N_D	-0.3	0.46
101	101	122	N_D	-0.46	0.46
101	101	123	N_D	-0.46	0.73
101	101	116	N_D	-0.3	0.73
101	101	114	T+_D	0.	0.
101	101	122	T+_D	0.	0.
101	101	123	T+_D	0.	0.
101	101	116	T+_D	0.	0.
101	101	114	T-_D	0.	0.
101	101	122	T-_D	0.	0.
101	101	123	T-_D	0.	0.
101	101	116	T-_D	0.	0.
101	101	114	W+_K	0.	0.
101	101	122	W+_K	0.	0.
101	101	123	W+_K	0.	0.
101	101	116	W+_K	0.	0.
101	101	114	W-_K	0.	0.
101	101	122	W-_K	0.	0.
101	101	123	W-_K	0.	0.
101	101	116	W-_K	0.	0.
101	101	114	W+_D	0.	0.
101	101	122	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
101	101	123	W+_D	0.	0.
101	101	116	W+_D	0.	0.
101	101	114	W-_D	0.	0.
101	101	122	W-_D	0.	0.
101	101	123	W-_D	0.	0.
101	101	116	W-_D	0.	0.
101	101	114	SISMA SLV X	0.65	0.86
101	101	122	SISMA SLV X	0.94	0.86
101	101	123	SISMA SLV X	0.94	1.17
101	101	116	SISMA SLV X	0.65	1.17
101	101	114	SISMA SLV Y	0.33	0.86
101	101	122	SISMA SLV Y	0.48	0.86
101	101	123	SISMA SLV Y	0.48	0.85
101	101	116	SISMA SLV Y	0.33	0.85
101	101	114	SISMA SLD X	0.32	0.42
101	101	122	SISMA SLD X	0.46	0.42
101	101	123	SISMA SLD X	0.46	0.57
101	101	116	SISMA SLD X	0.32	0.57
101	101	114	SISMA SLD Y	0.16	0.42
101	101	122	SISMA SLD Y	0.24	0.42
101	101	123	SISMA SLD Y	0.24	0.42
101	101	116	SISMA SLD Y	0.16	0.42
101	101	114	SISMA SLO X	0.26	0.35
101	101	122	SISMA SLO X	0.38	0.35
101	101	123	SISMA SLO X	0.38	0.47
101	101	116	SISMA SLO X	0.26	0.47
101	101	114	SISMA SLO Y	0.13	0.35
101	101	122	SISMA SLO Y	0.2	0.35
101	101	123	SISMA SLO Y	0.2	0.34
101	101	116	SISMA SLO Y	0.13	0.34
101	101	114	SLT	0.	0.
101	101	122	SLT	0.	0.
101	101	123	SLT	0.	0.
101	101	116	SLT	0.	0.
101	101	114	~TorsionSISMA SLV X	0.	0.
101	101	122	~TorsionSISMA SLV X	0.	0.
101	101	123	~TorsionSISMA SLV X	0.	0.
101	101	116	~TorsionSISMA SLV X	0.	0.
101	101	114	~TorsionSISMA SLV Y	0.	0.
101	101	122	~TorsionSISMA SLV Y	0.	0.
101	101	123	~TorsionSISMA SLV Y	0.	0.
101	101	116	~TorsionSISMA SLV Y	0.	0.
101	101	114	~TorsionSISMA SLD X	0.	0.
101	101	122	~TorsionSISMA SLD X	0.	0.
101	101	123	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
101	101	116	~TorsionSISMA SLD X	0.	0.
101	101	114	~TorsionSISMA SLD Y	0.	0.
101	101	122	~TorsionSISMA SLD Y	0.	0.
101	101	123	~TorsionSISMA SLD Y	0.	0.
101	101	116	~TorsionSISMA SLD Y	0.	0.
101	101	114	~TorsionSISMA SLO X	0.	0.
101	101	122	~TorsionSISMA SLO X	0.	0.
101	101	123	~TorsionSISMA SLO X	0.	0.
101	101	116	~TorsionSISMA SLO X	0.	0.
101	101	114	~TorsionSISMA SLO Y	0.	0.
101	101	122	~TorsionSISMA SLO Y	0.	0.
101	101	123	~TorsionSISMA SLO Y	0.	0.
101	101	116	~TorsionSISMA SLO Y	0.	0.
102	102	116	G1_K	2.59	6.35
102	102	123	G1_K	3.87	6.35
102	102	124	G1_K	3.87	3.91
102	102	118	G1_K	2.59	3.91
102	102	116	G2_K	1.82	-1.51
102	102	123	G2_K	2.75	-1.51
102	102	124	G2_K	2.75	-1.74
102	102	118	G2_K	1.82	-1.74
102	102	116	Q_K	1.66	4.07
102	102	123	Q_K	2.48	4.07
102	102	124	Q_K	2.48	2.5
102	102	118	Q_K	1.66	2.5
102	102	116	N_K	0.2	0.49
102	102	123	N_K	0.3	0.49
102	102	124	N_K	0.3	0.3
102	102	118	N_K	0.2	0.3
102	102	116	T+_K	0.	0.
102	102	123	T+_K	0.	0.
102	102	124	T+_K	0.	0.
102	102	118	T+_K	0.	0.
102	102	116	T-_K	0.	0.
102	102	123	T-_K	0.	0.
102	102	124	T-_K	0.	0.
102	102	118	T-_K	0.	0.
102	102	116	G1_D	3.37	8.26
102	102	123	G1_D	5.04	8.26
102	102	124	G1_D	5.04	5.08
102	102	118	G1_D	3.37	5.08
102	102	116	G2_D	2.37	-1.96
102	102	123	G2_D	3.57	-1.96
102	102	124	G2_D	3.57	-2.26

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
102	102	118	G2_D	2.37	-2.26
102	102	116	Q_D	2.48	6.1
102	102	123	Q_D	3.72	6.1
102	102	124	Q_D	3.72	3.76
102	102	118	Q_D	2.48	3.76
102	102	116	N_D	0.3	0.73
102	102	123	N_D	0.45	0.73
102	102	124	N_D	0.45	0.45
102	102	118	N_D	0.3	0.45
102	102	116	T+_D	0.	0.
102	102	123	T+_D	0.	0.
102	102	124	T+_D	0.	0.
102	102	118	T+_D	0.	0.
102	102	116	T-_D	0.	0.
102	102	123	T-_D	0.	0.
102	102	124	T-_D	0.	0.
102	102	118	T-_D	0.	0.
102	102	116	W+_K	0.	0.
102	102	123	W+_K	0.	0.
102	102	124	W+_K	0.	0.
102	102	118	W+_K	0.	0.
102	102	116	W-_K	0.	0.
102	102	123	W-_K	0.	0.
102	102	124	W-_K	0.	0.
102	102	118	W-_K	0.	0.
102	102	116	W+_D	0.	0.
102	102	123	W+_D	0.	0.
102	102	124	W+_D	0.	0.
102	102	118	W+_D	0.	0.
102	102	116	W-_D	0.	0.
102	102	123	W-_D	0.	0.
102	102	124	W-_D	0.	0.
102	102	118	W-_D	0.	0.
102	102	116	SISMA SLV X	1.1	1.13
102	102	123	SISMA SLV X	1.29	1.13
102	102	124	SISMA SLV X	1.29	0.84
102	102	118	SISMA SLV X	1.1	0.84
102	102	116	SISMA SLV Y	0.55	0.86
102	102	123	SISMA SLV Y	0.63	0.86
102	102	124	SISMA SLV Y	0.63	0.91
102	102	118	SISMA SLV Y	0.55	0.91
102	102	116	SISMA SLD X	0.54	0.55
102	102	123	SISMA SLD X	0.63	0.55
102	102	124	SISMA SLD X	0.63	0.41
102	102	118	SISMA SLD X	0.54	0.41
102	102	116	SISMA SLD Y	0.27	0.42
102	102	123	SISMA SLD Y	0.31	0.42
102	102	124	SISMA SLD Y	0.31	0.44
102	102	118	SISMA SLD Y	0.27	0.44
102	102	116	SISMA SLO X	0.45	0.46
102	102	123	SISMA SLO X	0.52	0.46
102	102	124	SISMA SLO X	0.52	0.34
102	102	118	SISMA SLO X	0.45	0.34
102	102	116	SISMA SLO Y	0.22	0.35

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
102	102	123	SISMA SLO Y	0.26	0.35
102	102	124	SISMA SLO Y	0.26	0.37
102	102	118	SISMA SLO Y	0.22	0.37
102	102	116	SLT	0.	0.
102	102	123	SLT	0.	0.
102	102	124	SLT	0.	0.
102	102	118	SLT	0.	0.
102	102	116	~TorsionSISMA SLV X	0.	0.
102	102	123	~TorsionSISMA SLV X	0.	0.
102	102	124	~TorsionSISMA SLV X	0.	0.
102	102	118	~TorsionSISMA SLV X	0.	0.
102	102	116	~TorsionSISMA SLV Y	0.	0.
102	102	123	~TorsionSISMA SLV Y	0.	0.
102	102	124	~TorsionSISMA SLV Y	0.	0.
102	102	118	~TorsionSISMA SLV Y	0.	0.
102	102	116	~TorsionSISMA SLD X	0.	0.
102	102	123	~TorsionSISMA SLD X	0.	0.
102	102	124	~TorsionSISMA SLD X	0.	0.
102	102	118	~TorsionSISMA SLD X	0.	0.
102	102	116	~TorsionSISMA SLD Y	0.	0.
102	102	123	~TorsionSISMA SLD Y	0.	0.
102	102	124	~TorsionSISMA SLD Y	0.	0.
102	102	118	~TorsionSISMA SLD Y	0.	0.
102	102	116	~TorsionSISMA SLO X	0.	0.
102	102	123	~TorsionSISMA SLO X	0.	0.
102	102	124	~TorsionSISMA SLO X	0.	0.
102	102	118	~TorsionSISMA SLO X	0.	0.
102	102	116	~TorsionSISMA SLO Y	0.	0.
102	102	123	~TorsionSISMA SLO Y	0.	0.
102	102	124	~TorsionSISMA SLO Y	0.	0.
102	102	118	~TorsionSISMA SLO Y	0.	0.
103	103	118	G1_K	15.65	2.72
103	103	124	G1_K	19.77	2.72
103	103	125	G1_K	19.77	-0.49
103	103	120	G1_K	15.65	-0.49

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
103	103	118	G2_K	5.92	-2.71
103	103	124	G2_K	9.54	-2.71
103	103	125	G2_K	9.54	-2.58
103	103	120	G2_K	5.92	-2.58
103	103	118	Q_K	10.03	1.75
103	103	124	Q_K	12.63	1.75
103	103	125	Q_K	12.63	-0.28
103	103	120	Q_K	10.03	-0.28
103	103	118	N_K	1.2	0.21
103	103	124	N_K	1.52	0.21
103	103	125	N_K	1.52	-3.418E-02
103	103	120	N_K	1.2	-3.418E-02
103	103	118	T+_K	0.	0.
103	103	124	T+_K	0.	0.
103	103	125	T+_K	0.	0.
103	103	120	T+_K	0.	0.
103	103	118	T-_K	0.	0.
103	103	124	T-_K	0.	0.
103	103	125	T-_K	0.	0.
103	103	120	T-_K	0.	0.
103	103	118	G1_D	20.35	3.54
103	103	124	G1_D	25.7	3.54
103	103	125	G1_D	25.7	-0.64
103	103	120	G1_D	20.35	-0.64
103	103	118	G2_D	7.7	-3.52
103	103	124	G2_D	12.4	-3.52
103	103	125	G2_D	12.4	-3.35
103	103	120	G2_D	7.7	-3.35
103	103	118	Q_D	15.04	2.63
103	103	124	Q_D	18.95	2.63
103	103	125	Q_D	18.95	-0.43
103	103	120	Q_D	15.04	-0.43
103	103	118	N_D	1.81	0.32
103	103	124	N_D	2.27	0.32
103	103	125	N_D	2.27	-5.127E-02
103	103	120	N_D	1.81	-5.127E-02
103	103	118	T+_D	0.	0.
103	103	124	T+_D	0.	0.
103	103	125	T+_D	0.	0.
103	103	120	T+_D	0.	0.
103	103	118	T-_D	0.	0.
103	103	124	T-_D	0.	0.
103	103	125	T-_D	0.	0.
103	103	120	T-_D	0.	0.
103	103	118	W+_K	0.	0.
103	103	124	W+_K	0.	0.
103	103	125	W+_K	0.	0.
103	103	120	W+_K	0.	0.
103	103	118	W-_K	0.	0.
103	103	124	W-_K	0.	0.
103	103	125	W-_K	0.	0.
103	103	120	W-_K	0.	0.
103	103	118	W+_D	0.	0.
103	103	124	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
103	103	125	W+_D	0.	0.
103	103	120	W+_D	0.	0.
103	103	118	W-_D	0.	0.
103	103	124	W-_D	0.	0.
103	103	125	W-_D	0.	0.
103	103	120	W-_D	0.	0.
103	103	118	SISMA SLV X	1.86	0.66
103	103	124	SISMA SLV X	2.46	0.66
103	103	125	SISMA SLV X	2.46	0.89
103	103	120	SISMA SLV X	1.86	0.89
103	103	118	SISMA SLV Y	1.21	0.81
103	103	124	SISMA SLV Y	1.03	0.81
103	103	125	SISMA SLV Y	1.03	1.2
103	103	120	SISMA SLV Y	1.21	1.2
103	103	118	SISMA SLD X	0.91	0.32
103	103	124	SISMA SLD X	1.2	0.32
103	103	125	SISMA SLD X	1.2	0.43
103	103	120	SISMA SLD X	0.91	0.43
103	103	118	SISMA SLD Y	0.59	0.39
103	103	124	SISMA SLD Y	0.5	0.39
103	103	125	SISMA SLD Y	0.5	0.59
103	103	120	SISMA SLD Y	0.59	0.59
103	103	118	SISMA SLO X	0.75	0.27
103	103	124	SISMA SLO X	1.	0.27
103	103	125	SISMA SLO X	1.	0.36
103	103	120	SISMA SLO X	0.75	0.36
103	103	118	SISMA SLO Y	0.49	0.33
103	103	124	SISMA SLO Y	0.42	0.33
103	103	125	SISMA SLO Y	0.42	0.49
103	103	120	SISMA SLO Y	0.49	0.49
103	103	118	SLT	0.	0.
103	103	124	SLT	0.	0.
103	103	125	SLT	0.	0.
103	103	120	SLT	0.	0.
103	103	118	~TorsionSISMA SLV X	0.	0.
103	103	124	~TorsionSISMA SLV X	0.	0.
103	103	125	~TorsionSISMA SLV X	0.	0.
103	103	120	~TorsionSISMA SLV X	0.	0.
103	103	118	~TorsionSISMA SLV Y	0.	0.
103	103	124	~TorsionSISMA SLV Y	0.	0.
103	103	125	~TorsionSISMA SLV Y	0.	0.
103	103	120	~TorsionSISMA SLV Y	0.	0.
103	103	118	~TorsionSISMA SLD X	0.	0.
103	103	124	~TorsionSISMA SLD X	0.	0.
103	103	125	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
103	103	120	~TorsionSISMA SLD X	0.	0.
103	103	118	~TorsionSISMA SLD Y	0.	0.
103	103	124	~TorsionSISMA SLD Y	0.	0.
103	103	125	~TorsionSISMA SLD Y	0.	0.
103	103	120	~TorsionSISMA SLD Y	0.	0.
103	103	118	~TorsionSISMA SLO X	0.	0.
103	103	124	~TorsionSISMA SLO X	0.	0.
103	103	125	~TorsionSISMA SLO X	0.	0.
103	103	120	~TorsionSISMA SLO X	0.	0.
103	103	118	~TorsionSISMA SLO Y	0.	0.
103	103	124	~TorsionSISMA SLO Y	0.	0.
103	103	125	~TorsionSISMA SLO Y	0.	0.
103	103	120	~TorsionSISMA SLO Y	0.	0.
104	104	121	G1_K	-19.37	0.24
104	104	126	G1_K	-16.17	0.24
104	104	127	G1_K	-16.17	-3.06
104	104	122	G1_K	-19.37	-3.06
104	104	121	G2_K	-0.51	0.21
104	104	126	G2_K	-0.12	0.21
104	104	127	G2_K	-0.12	0.22
104	104	122	G2_K	-0.51	0.22
104	104	121	Q_K	-12.39	0.14
104	104	126	Q_K	-10.36	0.14
104	104	127	Q_K	-10.36	-1.96
104	104	122	Q_K	-12.39	-1.96
104	104	121	N_K	-1.49	1.739E-02
104	104	126	N_K	-1.24	1.739E-02
104	104	127	N_K	-1.24	-0.24
104	104	122	N_K	-1.49	-0.24
104	104	121	T+_K	0.	0.
104	104	126	T+_K	0.	0.
104	104	127	T+_K	0.	0.
104	104	122	T+_K	0.	0.
104	104	121	T-_K	0.	0.
104	104	126	T-_K	0.	0.
104	104	127	T-_K	0.	0.
104	104	122	T-_K	0.	0.
104	104	121	G1_D	-25.18	0.32
104	104	126	G1_D	-21.02	0.32
104	104	127	G1_D	-21.02	-3.97
104	104	122	G1_D	-25.18	-3.97
104	104	121	G2_D	-0.66	0.27
104	104	126	G2_D	-0.16	0.27
104	104	127	G2_D	-0.16	0.28

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
104	104	122	G2_D	-0.66	0.28
104	104	121	Q_D	-18.59	0.22
104	104	126	Q_D	-15.54	0.22
104	104	127	Q_D	-15.54	-2.94
104	104	122	Q_D	-18.59	-2.94
104	104	121	N_D	-2.23	2.608E-02
104	104	126	N_D	-1.87	2.608E-02
104	104	127	N_D	-1.87	-0.35
104	104	122	N_D	-2.23	-0.35
104	104	121	T+_D	0.	0.
104	104	126	T+_D	0.	0.
104	104	127	T+_D	0.	0.
104	104	122	T+_D	0.	0.
104	104	121	T-_D	0.	0.
104	104	126	T-_D	0.	0.
104	104	127	T-_D	0.	0.
104	104	122	T-_D	0.	0.
104	104	121	W+_K	0.	0.
104	104	126	W+_K	0.	0.
104	104	127	W+_K	0.	0.
104	104	122	W+_K	0.	0.
104	104	121	W-_K	0.	0.
104	104	126	W-_K	0.	0.
104	104	127	W-_K	0.	0.
104	104	122	W-_K	0.	0.
104	104	121	W+_D	0.	0.
104	104	126	W+_D	0.	0.
104	104	127	W+_D	0.	0.
104	104	122	W+_D	0.	0.
104	104	121	W-_D	0.	0.
104	104	126	W-_D	0.	0.
104	104	127	W-_D	0.	0.
104	104	122	W-_D	0.	0.
104	104	121	SISMA SLV X	2.23	0.6
104	104	126	SISMA SLV X	1.9	0.6
104	104	127	SISMA SLV X	1.9	1.02
104	104	122	SISMA SLV X	2.23	1.02
104	104	121	SISMA SLV Y	0.95	1.3
104	104	126	SISMA SLV Y	1.19	1.3
104	104	127	SISMA SLV Y	1.19	0.78
104	104	122	SISMA SLV Y	0.95	0.78
104	104	121	SISMA SLD X	1.09	0.29
104	104	126	SISMA SLD X	0.93	0.29
104	104	127	SISMA SLD X	0.93	0.5
104	104	122	SISMA SLD X	1.09	0.5
104	104	121	SISMA SLD Y	0.46	0.64
104	104	126	SISMA SLD Y	0.58	0.64
104	104	127	SISMA SLD Y	0.58	0.38
104	104	122	SISMA SLD Y	0.46	0.38
104	104	121	SISMA SLO X	0.9	0.24
104	104	126	SISMA SLO X	0.77	0.24
104	104	127	SISMA SLO X	0.77	0.41
104	104	122	SISMA SLO X	0.9	0.41
104	104	121	SISMA SLO Y	0.38	0.53

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
104	104	126	SISMA SLO Y	0.48	0.53
104	104	127	SISMA SLO Y	0.48	0.32
104	104	122	SISMA SLO Y	0.38	0.32
104	104	121	SLT	0.	0.
104	104	126	SLT	0.	0.
104	104	127	SLT	0.	0.
104	104	122	SLT	0.	0.
104	104	121	~TorsionSISMA SLV X	0.	0.
104	104	126	~TorsionSISMA SLV X	0.	0.
104	104	127	~TorsionSISMA SLV X	0.	0.
104	104	122	~TorsionSISMA SLV X	0.	0.
104	104	121	~TorsionSISMA SLV Y	0.	0.
104	104	126	~TorsionSISMA SLV Y	0.	0.
104	104	127	~TorsionSISMA SLV Y	0.	0.
104	104	122	~TorsionSISMA SLV Y	0.	0.
104	104	121	~TorsionSISMA SLD X	0.	0.
104	104	126	~TorsionSISMA SLD X	0.	0.
104	104	127	~TorsionSISMA SLD X	0.	0.
104	104	122	~TorsionSISMA SLD X	0.	0.
104	104	121	~TorsionSISMA SLD Y	0.	0.
104	104	126	~TorsionSISMA SLD Y	0.	0.
104	104	127	~TorsionSISMA SLD Y	0.	0.
104	104	122	~TorsionSISMA SLD Y	0.	0.
104	104	121	~TorsionSISMA SLO X	0.	0.
104	104	126	~TorsionSISMA SLO X	0.	0.
104	104	127	~TorsionSISMA SLO X	0.	0.
104	104	122	~TorsionSISMA SLO X	0.	0.
104	104	121	~TorsionSISMA SLO Y	0.	0.
104	104	126	~TorsionSISMA SLO Y	0.	0.
104	104	127	~TorsionSISMA SLO Y	0.	0.
104	104	122	~TorsionSISMA SLO Y	0.	0.
105	105	122	G1_K	-4.04	-4.2
105	105	127	G1_K	-1.93	-4.2
105	105	128	G1_K	-1.93	-6.24
105	105	123	G1_K	-4.04	-6.24

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
105	105	122	G2_K	0.16	0.14
105	105	127	G2_K	0.31	0.14
105	105	128	G2_K	0.31	0.86
105	105	123	G2_K	0.16	0.86
105	105	122	Q_K	-2.59	-2.69
105	105	127	Q_K	-1.22	-2.69
105	105	128	Q_K	-1.22	-4.
105	105	123	Q_K	-2.59	-4.
105	105	122	N_K	-0.31	-0.32
105	105	127	N_K	-0.15	-0.32
105	105	128	N_K	-0.15	-0.48
105	105	123	N_K	-0.31	-0.48
105	105	122	T+_K	0.	0.
105	105	127	T+_K	0.	0.
105	105	128	T+_K	0.	0.
105	105	123	T+_K	0.	0.
105	105	122	T-_K	0.	0.
105	105	127	T-_K	0.	0.
105	105	128	T-_K	0.	0.
105	105	123	T-_K	0.	0.
105	105	122	G1_D	-5.25	-5.46
105	105	127	G1_D	-2.5	-5.46
105	105	128	G1_D	-2.5	-8.11
105	105	123	G1_D	-5.25	-8.11
105	105	122	G2_D	0.21	0.19
105	105	127	G2_D	0.4	0.19
105	105	128	G2_D	0.4	1.12
105	105	123	G2_D	0.21	1.12
105	105	122	Q_D	-3.88	-4.03
105	105	127	Q_D	-1.84	-4.03
105	105	128	Q_D	-1.84	-5.99
105	105	123	Q_D	-3.88	-5.99
105	105	122	N_D	-0.47	-0.48
105	105	127	N_D	-0.22	-0.48
105	105	128	N_D	-0.22	-0.72
105	105	123	N_D	-0.47	-0.72
105	105	122	T+_D	0.	0.
105	105	127	T+_D	0.	0.
105	105	128	T+_D	0.	0.
105	105	123	T+_D	0.	0.
105	105	122	T-_D	0.	0.
105	105	127	T-_D	0.	0.
105	105	128	T-_D	0.	0.
105	105	123	T-_D	0.	0.
105	105	122	W+_K	0.	0.
105	105	127	W+_K	0.	0.
105	105	128	W+_K	0.	0.
105	105	123	W+_K	0.	0.
105	105	122	W-_K	0.	0.
105	105	127	W-_K	0.	0.
105	105	128	W-_K	0.	0.
105	105	123	W-_K	0.	0.
105	105	122	W+_D	0.	0.
105	105	127	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
105	105	128	W+_D	0.	0.
105	105	123	W+_D	0.	0.
105	105	122	W-_D	0.	0.
105	105	127	W-_D	0.	0.
105	105	128	W-_D	0.	0.
105	105	123	W-_D	0.	0.
105	105	122	SISMA SLV X	0.95	1.14
105	105	127	SISMA SLV X	0.6	1.14
105	105	128	SISMA SLV X	0.6	1.44
105	105	123	SISMA SLV X	0.95	1.44
105	105	122	SISMA SLV Y	0.52	0.9
105	105	127	SISMA SLV Y	0.36	0.9
105	105	128	SISMA SLV Y	0.36	0.95
105	105	123	SISMA SLV Y	0.52	0.95
105	105	122	SISMA SLD X	0.46	0.56
105	105	127	SISMA SLD X	0.29	0.56
105	105	128	SISMA SLD X	0.29	0.7
105	105	123	SISMA SLD X	0.46	0.7
105	105	122	SISMA SLD Y	0.25	0.44
105	105	127	SISMA SLD Y	0.18	0.44
105	105	128	SISMA SLD Y	0.18	0.46
105	105	123	SISMA SLD Y	0.25	0.46
105	105	122	SISMA SLO X	0.38	0.46
105	105	127	SISMA SLO X	0.24	0.46
105	105	128	SISMA SLO X	0.24	0.58
105	105	123	SISMA SLO X	0.38	0.58
105	105	122	SISMA SLO Y	0.21	0.37
105	105	127	SISMA SLO Y	0.15	0.37
105	105	128	SISMA SLO Y	0.15	0.38
105	105	123	SISMA SLO Y	0.21	0.38
105	105	122	SLT	0.	0.
105	105	127	SLT	0.	0.
105	105	128	SLT	0.	0.
105	105	123	SLT	0.	0.
105	105	122	~TorsionSISMA SLV X	0.	0.
105	105	127	~TorsionSISMA SLV X	0.	0.
105	105	128	~TorsionSISMA SLV X	0.	0.
105	105	123	~TorsionSISMA SLV X	0.	0.
105	105	122	~TorsionSISMA SLV Y	0.	0.
105	105	127	~TorsionSISMA SLV Y	0.	0.
105	105	128	~TorsionSISMA SLV Y	0.	0.
105	105	123	~TorsionSISMA SLV Y	0.	0.
105	105	122	~TorsionSISMA SLD X	0.	0.
105	105	127	~TorsionSISMA SLD X	0.	0.
105	105	128	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
105	105	123	~TorsionSISMA SLD X	0.	0.
105	105	122	~TorsionSISMA SLD Y	0.	0.
105	105	127	~TorsionSISMA SLD Y	0.	0.
105	105	128	~TorsionSISMA SLD Y	0.	0.
105	105	123	~TorsionSISMA SLD Y	0.	0.
105	105	122	~TorsionSISMA SLO X	0.	0.
105	105	127	~TorsionSISMA SLO X	0.	0.
105	105	128	~TorsionSISMA SLO X	0.	0.
105	105	123	~TorsionSISMA SLO X	0.	0.
105	105	122	~TorsionSISMA SLO Y	0.	0.
105	105	127	~TorsionSISMA SLO Y	0.	0.
105	105	128	~TorsionSISMA SLO Y	0.	0.
105	105	123	~TorsionSISMA SLO Y	0.	0.
106	106	123	G1_K	3.9	-6.25
106	106	128	G1_K	1.84	-6.25
106	106	129	G1_K	1.84	-3.99
106	106	124	G1_K	3.9	-3.99
106	106	123	G2_K	2.79	1.05
106	106	128	G2_K	1.86	1.05
106	106	129	G2_K	1.86	1.2
106	106	124	G2_K	2.79	1.2
106	106	123	Q_K	2.49	-4.01
106	106	128	Q_K	1.2	-4.01
106	106	129	Q_K	1.2	-2.56
106	106	124	Q_K	2.49	-2.56
106	106	123	N_K	0.3	-0.48
106	106	128	N_K	0.14	-0.48
106	106	129	N_K	0.14	-0.31
106	106	124	N_K	0.3	-0.31
106	106	123	T+_K	0.	0.
106	106	128	T+_K	0.	0.
106	106	129	T+_K	0.	0.
106	106	124	T+_K	0.	0.
106	106	123	T-_K	0.	0.
106	106	128	T-_K	0.	0.
106	106	129	T-_K	0.	0.
106	106	124	T-_K	0.	0.
106	106	123	G1_D	5.07	-8.13
106	106	128	G1_D	2.4	-8.13
106	106	129	G1_D	2.4	-5.18
106	106	124	G1_D	5.07	-5.18
106	106	123	G2_D	3.63	1.36
106	106	128	G2_D	2.42	1.36
106	106	129	G2_D	2.42	1.56

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
106	106	124	G2_D	3.63	1.56
106	106	123	Q_D	3.74	-6.01
106	106	128	Q_D	1.8	-6.01
106	106	129	Q_D	1.8	-3.83
106	106	124	Q_D	3.74	-3.83
106	106	123	N_D	0.45	-0.72
106	106	128	N_D	0.22	-0.72
106	106	129	N_D	0.22	-0.46
106	106	124	N_D	0.45	-0.46
106	106	123	T+_D	0.	0.
106	106	128	T+_D	0.	0.
106	106	129	T+_D	0.	0.
106	106	124	T+_D	0.	0.
106	106	123	T-_D	0.	0.
106	106	128	T-_D	0.	0.
106	106	129	T-_D	0.	0.
106	106	124	T-_D	0.	0.
106	106	123	W+_K	0.	0.
106	106	128	W+_K	0.	0.
106	106	129	W+_K	0.	0.
106	106	124	W+_K	0.	0.
106	106	123	W-_K	0.	0.
106	106	128	W-_K	0.	0.
106	106	129	W-_K	0.	0.
106	106	124	W-_K	0.	0.
106	106	123	W+_D	0.	0.
106	106	128	W+_D	0.	0.
106	106	129	W+_D	0.	0.
106	106	124	W+_D	0.	0.
106	106	123	W-_D	0.	0.
106	106	128	W-_D	0.	0.
106	106	129	W-_D	0.	0.
106	106	124	W-_D	0.	0.
106	106	123	SISMA SLV X	1.3	1.4
106	106	128	SISMA SLV X	0.77	1.4
106	106	129	SISMA SLV X	0.77	0.95
106	106	124	SISMA SLV X	1.3	0.95
106	106	123	SISMA SLV Y	0.6	0.93
106	106	128	SISMA SLV Y	0.38	0.93
106	106	129	SISMA SLV Y	0.38	0.89
106	106	124	SISMA SLV Y	0.6	0.89
106	106	123	SISMA SLD X	0.64	0.69
106	106	128	SISMA SLD X	0.38	0.69
106	106	129	SISMA SLD X	0.38	0.46
106	106	124	SISMA SLD X	0.64	0.46
106	106	123	SISMA SLD Y	0.29	0.45
106	106	128	SISMA SLD Y	0.18	0.45
106	106	129	SISMA SLD Y	0.18	0.44
106	106	124	SISMA SLD Y	0.29	0.44
106	106	123	SISMA SLO X	0.53	0.57
106	106	128	SISMA SLO X	0.31	0.57
106	106	129	SISMA SLO X	0.31	0.38
106	106	124	SISMA SLO X	0.53	0.38
106	106	123	SISMA SLO Y	0.24	0.37

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
106	106	128	SISMA SLO Y	0.15	0.37
106	106	129	SISMA SLO Y	0.15	0.36
106	106	124	SISMA SLO Y	0.24	0.36
106	106	123	SLT	0.	0.
106	106	128	SLT	0.	0.
106	106	129	SLT	0.	0.
106	106	124	SLT	0.	0.
106	106	123	~TorsionSISMA SLV X	0.	0.
106	106	128	~TorsionSISMA SLV X	0.	0.
106	106	129	~TorsionSISMA SLV X	0.	0.
106	106	124	~TorsionSISMA SLV X	0.	0.
106	106	123	~TorsionSISMA SLV Y	0.	0.
106	106	128	~TorsionSISMA SLV Y	0.	0.
106	106	129	~TorsionSISMA SLV Y	0.	0.
106	106	124	~TorsionSISMA SLV Y	0.	0.
106	106	123	~TorsionSISMA SLD X	0.	0.
106	106	128	~TorsionSISMA SLD X	0.	0.
106	106	129	~TorsionSISMA SLD X	0.	0.
106	106	124	~TorsionSISMA SLD X	0.	0.
106	106	123	~TorsionSISMA SLD Y	0.	0.
106	106	128	~TorsionSISMA SLD Y	0.	0.
106	106	129	~TorsionSISMA SLD Y	0.	0.
106	106	124	~TorsionSISMA SLD Y	0.	0.
106	106	123	~TorsionSISMA SLO X	0.	0.
106	106	128	~TorsionSISMA SLO X	0.	0.
106	106	129	~TorsionSISMA SLO X	0.	0.
106	106	124	~TorsionSISMA SLO X	0.	0.
106	106	123	~TorsionSISMA SLO Y	0.	0.
106	106	128	~TorsionSISMA SLO Y	0.	0.
106	106	129	~TorsionSISMA SLO Y	0.	0.
106	106	124	~TorsionSISMA SLO Y	0.	0.
107	107	124	G1_K	19.97	-2.59
107	107	129	G1_K	16.09	-2.59
107	107	130	G1_K	16.09	0.27
107	107	125	G1_K	19.97	0.27

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
107	107	124	G2_K	9.47	1.74
107	107	129	G2_K	6.13	1.74
107	107	130	G2_K	6.13	1.12
107	107	125	G2_K	9.47	1.12
107	107	124	Q_K	12.76	-1.67
107	107	129	Q_K	10.22	-1.67
107	107	130	Q_K	10.22	0.17
107	107	125	Q_K	12.76	0.17
107	107	124	N_K	1.53	-0.2
107	107	129	N_K	1.23	-0.2
107	107	130	N_K	1.23	2.046E-02
107	107	125	N_K	1.53	2.046E-02
107	107	124	T+_K	0.	0.
107	107	129	T+_K	0.	0.
107	107	130	T+_K	0.	0.
107	107	125	T+_K	0.	0.
107	107	124	T-_K	0.	0.
107	107	129	T-_K	0.	0.
107	107	130	T-_K	0.	0.
107	107	125	T-_K	0.	0.
107	107	124	G1_D	25.96	-3.36
107	107	129	G1_D	20.91	-3.36
107	107	130	G1_D	20.91	0.35
107	107	125	G1_D	25.96	0.35
107	107	124	G2_D	12.31	2.26
107	107	129	G2_D	7.97	2.26
107	107	130	G2_D	7.97	1.46
107	107	125	G2_D	12.31	1.46
107	107	124	Q_D	19.14	-2.51
107	107	129	Q_D	15.34	-2.51
107	107	130	Q_D	15.34	0.26
107	107	125	Q_D	19.14	0.26
107	107	124	N_D	2.3	-0.3
107	107	129	N_D	1.84	-0.3
107	107	130	N_D	1.84	3.068E-02
107	107	125	N_D	2.3	3.068E-02
107	107	124	T+_D	0.	0.
107	107	129	T+_D	0.	0.
107	107	130	T+_D	0.	0.
107	107	125	T+_D	0.	0.
107	107	124	T-_D	0.	0.
107	107	129	T-_D	0.	0.
107	107	130	T-_D	0.	0.
107	107	125	T-_D	0.	0.
107	107	124	W+_K	0.	0.
107	107	129	W+_K	0.	0.
107	107	130	W+_K	0.	0.
107	107	125	W+_K	0.	0.
107	107	124	W-_K	0.	0.
107	107	129	W-_K	0.	0.
107	107	130	W-_K	0.	0.
107	107	125	W-_K	0.	0.
107	107	124	W+_D	0.	0.
107	107	129	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
107	107	130	W+_D	0.	0.
107	107	125	W+_D	0.	0.
107	107	124	W-_D	0.	0.
107	107	129	W-_D	0.	0.
107	107	130	W-_D	0.	0.
107	107	125	W-_D	0.	0.
107	107	124	SISMA SLV X	2.45	0.74
107	107	129	SISMA SLV X	1.81	0.74
107	107	130	SISMA SLV X	1.81	0.77
107	107	125	SISMA SLV X	2.45	0.77
107	107	124	SISMA SLV Y	1.02	0.74
107	107	129	SISMA SLV Y	1.07	0.74
107	107	130	SISMA SLV Y	1.07	1.39
107	107	125	SISMA SLV Y	1.02	1.39
107	107	124	SISMA SLD X	1.2	0.36
107	107	129	SISMA SLD X	0.89	0.36
107	107	130	SISMA SLD X	0.89	0.38
107	107	125	SISMA SLD X	1.2	0.38
107	107	124	SISMA SLD Y	0.5	0.36
107	107	129	SISMA SLD Y	0.52	0.36
107	107	130	SISMA SLD Y	0.52	0.68
107	107	125	SISMA SLD Y	0.5	0.68
107	107	124	SISMA SLO X	0.99	0.3
107	107	129	SISMA SLO X	0.73	0.3
107	107	130	SISMA SLO X	0.73	0.31
107	107	125	SISMA SLO X	0.99	0.31
107	107	124	SISMA SLO Y	0.41	0.3
107	107	129	SISMA SLO Y	0.43	0.3
107	107	130	SISMA SLO Y	0.43	0.56
107	107	125	SISMA SLO Y	0.41	0.56
107	107	124	SLT	0.	0.
107	107	129	SLT	0.	0.
107	107	130	SLT	0.	0.
107	107	125	SLT	0.	0.
107	107	124	~TorsionSISMA SLV X	0.	0.
107	107	129	~TorsionSISMA SLV X	0.	0.
107	107	130	~TorsionSISMA SLV X	0.	0.
107	107	125	~TorsionSISMA SLV X	0.	0.
107	107	124	~TorsionSISMA SLV Y	0.	0.
107	107	129	~TorsionSISMA SLV Y	0.	0.
107	107	130	~TorsionSISMA SLV Y	0.	0.
107	107	125	~TorsionSISMA SLV Y	0.	0.
107	107	124	~TorsionSISMA SLD X	0.	0.
107	107	129	~TorsionSISMA SLD X	0.	0.
107	107	130	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
107	107	125	~TorsionSISMA SLD X	0.	0.
107	107	124	~TorsionSISMA SLD Y	0.	0.
107	107	129	~TorsionSISMA SLD Y	0.	0.
107	107	130	~TorsionSISMA SLD Y	0.	0.
107	107	125	~TorsionSISMA SLD Y	0.	0.
107	107	124	~TorsionSISMA SLO X	0.	0.
107	107	129	~TorsionSISMA SLO X	0.	0.
107	107	130	~TorsionSISMA SLO X	0.	0.
107	107	125	~TorsionSISMA SLO X	0.	0.
107	107	124	~TorsionSISMA SLO Y	0.	0.
107	107	129	~TorsionSISMA SLO Y	0.	0.
107	107	130	~TorsionSISMA SLO Y	0.	0.
107	107	125	~TorsionSISMA SLO Y	0.	0.
108	108	126	G1_K	-12.87	6.73
108	108	106	G1_K	4.82	6.73
108	108	131	G1_K	4.82	-14.38
108	108	127	G1_K	-12.87	-14.38
108	108	126	G2_K	-0.31	0.66
108	108	106	G2_K	-0.32	0.66
108	108	131	G2_K	-0.32	0.53
108	108	127	G2_K	-0.31	0.53
108	108	126	Q_K	-8.25	4.31
108	108	106	Q_K	3.06	4.31
108	108	131	Q_K	3.06	-9.19
108	108	127	Q_K	-8.25	-9.19
108	108	126	N_K	-0.99	0.52
108	108	106	N_K	0.37	0.52
108	108	131	N_K	0.37	-1.1
108	108	127	N_K	-0.99	-1.1
108	108	126	T+_K	0.	0.
108	108	106	T+_K	0.	0.
108	108	131	T+_K	0.	0.
108	108	127	T+_K	0.	0.
108	108	126	T-_K	0.	0.
108	108	106	T-_K	0.	0.
108	108	131	T-_K	0.	0.
108	108	127	T-_K	0.	0.
108	108	126	G1_D	-16.73	8.74
108	108	106	G1_D	6.26	8.74
108	108	131	G1_D	6.26	-18.69
108	108	127	G1_D	-16.73	-18.69
108	108	126	G2_D	-0.4	0.86
108	108	106	G2_D	-0.42	0.86
108	108	131	G2_D	-0.42	0.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
108	108	127	G2_D	-0.4	0.69
108	108	126	Q_D	-12.38	6.46
108	108	106	Q_D	4.59	6.46
108	108	131	Q_D	4.59	-13.78
108	108	127	Q_D	-12.38	-13.78
108	108	126	N_D	-1.49	0.78
108	108	106	N_D	0.55	0.78
108	108	131	N_D	0.55	-1.65
108	108	127	N_D	-1.49	-1.65
108	108	126	T+_D	0.	0.
108	108	106	T+_D	0.	0.
108	108	131	T+_D	0.	0.
108	108	127	T+_D	0.	0.
108	108	126	T-_D	0.	0.
108	108	106	T-_D	0.	0.
108	108	131	T-_D	0.	0.
108	108	127	T-_D	0.	0.
108	108	126	W+_K	0.	0.
108	108	106	W+_K	0.	0.
108	108	131	W+_K	0.	0.
108	108	127	W+_K	0.	0.
108	108	126	W-_K	0.	0.
108	108	106	W-_K	0.	0.
108	108	131	W-_K	0.	0.
108	108	127	W-_K	0.	0.
108	108	126	W+_D	0.	0.
108	108	106	W+_D	0.	0.
108	108	131	W+_D	0.	0.
108	108	127	W+_D	0.	0.
108	108	126	W-_D	0.	0.
108	108	106	W-_D	0.	0.
108	108	131	W-_D	0.	0.
108	108	127	W-_D	0.	0.
108	108	126	SISMA SLV X	1.44	1.24
108	108	106	SISMA SLV X	0.6	1.24
108	108	131	SISMA SLV X	0.6	1.88
108	108	127	SISMA SLV X	1.44	1.88
108	108	126	SISMA SLV Y	0.97	0.71
108	108	106	SISMA SLV Y	0.56	0.71
108	108	131	SISMA SLV Y	0.56	1.1
108	108	127	SISMA SLV Y	0.97	1.1
108	108	126	SISMA SLD X	0.71	0.6
108	108	106	SISMA SLD X	0.29	0.6
108	108	131	SISMA SLD X	0.29	0.92
108	108	127	SISMA SLD X	0.71	0.92
108	108	126	SISMA SLD Y	0.47	0.35
108	108	106	SISMA SLD Y	0.27	0.35
108	108	131	SISMA SLD Y	0.27	0.54
108	108	127	SISMA SLD Y	0.47	0.54
108	108	126	SISMA SLO X	0.58	0.5
108	108	106	SISMA SLO X	0.24	0.5
108	108	131	SISMA SLO X	0.24	0.76
108	108	127	SISMA SLO X	0.58	0.76
108	108	126	SISMA SLO Y	0.39	0.29

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
108	108	106	SISMA SLO Y	0.23	0.29
108	108	131	SISMA SLO Y	0.23	0.44
108	108	127	SISMA SLO Y	0.39	0.44
108	108	126	SLT	0.	0.
108	108	106	SLT	0.	0.
108	108	131	SLT	0.	0.
108	108	127	SLT	0.	0.
108	108	126	~TorsionSISMA SLV X	0.	0.
108	108	106	~TorsionSISMA SLV X	0.	0.
108	108	131	~TorsionSISMA SLV X	0.	0.
108	108	127	~TorsionSISMA SLV X	0.	0.
108	108	126	~TorsionSISMA SLV Y	0.	0.
108	108	106	~TorsionSISMA SLV Y	0.	0.
108	108	131	~TorsionSISMA SLV Y	0.	0.
108	108	127	~TorsionSISMA SLV Y	0.	0.
108	108	126	~TorsionSISMA SLD X	0.	0.
108	108	106	~TorsionSISMA SLD X	0.	0.
108	108	131	~TorsionSISMA SLD X	0.	0.
108	108	127	~TorsionSISMA SLD X	0.	0.
108	108	126	~TorsionSISMA SLD Y	0.	0.
108	108	106	~TorsionSISMA SLD Y	0.	0.
108	108	131	~TorsionSISMA SLD Y	0.	0.
108	108	127	~TorsionSISMA SLD Y	0.	0.
108	108	126	~TorsionSISMA SLO X	0.	0.
108	108	106	~TorsionSISMA SLO X	0.	0.
108	108	131	~TorsionSISMA SLO X	0.	0.
108	108	127	~TorsionSISMA SLO X	0.	0.
108	108	126	~TorsionSISMA SLO Y	0.	0.
108	108	106	~TorsionSISMA SLO Y	0.	0.
108	108	131	~TorsionSISMA SLO Y	0.	0.
108	108	127	~TorsionSISMA SLO Y	0.	0.
109	109	127	G1_K	-8.909E-02	-17.46
109	109	131	G1_K	1.56	-17.46
109	109	132	G1_K	1.56	-26.73
109	109	128	G1_K	-8.909E-02	-26.73

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
109	109	127	G2_K	-5.706E-02	0.37
109	109	131	G2_K	-3.528E-03	0.37
109	109	132	G2_K	-3.528E-03	1.53
109	109	128	G2_K	-5.706E-02	1.53
109	109	127	Q_K	-4.692E-02	-11.16
109	109	131	Q_K	1.01	-11.16
109	109	132	Q_K	1.01	-17.1
109	109	128	Q_K	-4.692E-02	-17.1
109	109	127	N_K	-5.630E-03	-1.34
109	109	131	N_K	0.12	-1.34
109	109	132	N_K	0.12	-2.05
109	109	128	N_K	-5.630E-03	-2.05
109	109	127	T+_K	0.	0.
109	109	131	T+_K	0.	0.
109	109	132	T+_K	0.	0.
109	109	128	T+_K	0.	0.
109	109	127	T-_K	0.	0.
109	109	131	T-_K	0.	0.
109	109	132	T-_K	0.	0.
109	109	128	T-_K	0.	0.
109	109	127	G1_D	-0.12	-22.7
109	109	131	G1_D	2.03	-22.7
109	109	132	G1_D	2.03	-34.74
109	109	128	G1_D	-0.12	-34.74
109	109	127	G2_D	-7.417E-02	0.49
109	109	131	G2_D	-4.586E-03	0.49
109	109	132	G2_D	-4.586E-03	1.99
109	109	128	G2_D	-7.417E-02	1.99
109	109	127	Q_D	-7.038E-02	-16.74
109	109	131	Q_D	1.51	-16.74
109	109	132	Q_D	1.51	-25.65
109	109	128	Q_D	-7.038E-02	-25.65
109	109	127	N_D	-8.445E-03	-2.01
109	109	131	N_D	0.18	-2.01
109	109	132	N_D	0.18	-3.08
109	109	128	N_D	-8.445E-03	-3.08
109	109	127	T+_D	0.	0.
109	109	131	T+_D	0.	0.
109	109	132	T+_D	0.	0.
109	109	128	T+_D	0.	0.
109	109	127	T-_D	0.	0.
109	109	131	T-_D	0.	0.
109	109	132	T-_D	0.	0.
109	109	128	T-_D	0.	0.
109	109	127	W+_K	0.	0.
109	109	131	W+_K	0.	0.
109	109	132	W+_K	0.	0.
109	109	128	W+_K	0.	0.
109	109	127	W-_K	0.	0.
109	109	131	W-_K	0.	0.
109	109	132	W-_K	0.	0.
109	109	128	W-_K	0.	0.
109	109	127	W+_D	0.	0.
109	109	131	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
109	109	132	W+_D	0.	0.
109	109	128	W+_D	0.	0.
109	109	127	W-_D	0.	0.
109	109	131	W-_D	0.	0.
109	109	132	W-_D	0.	0.
109	109	128	W-_D	0.	0.
109	109	127	SISMA SLV X	0.44	2.2
109	109	131	SISMA SLV X	0.48	2.2
109	109	132	SISMA SLV X	0.48	3.34
109	109	128	SISMA SLV X	0.44	3.34
109	109	127	SISMA SLV Y	0.36	1.21
109	109	131	SISMA SLV Y	0.27	1.21
109	109	132	SISMA SLV Y	0.27	1.55
109	109	128	SISMA SLV Y	0.36	1.55
109	109	127	SISMA SLD X	0.21	1.07
109	109	131	SISMA SLD X	0.23	1.07
109	109	132	SISMA SLD X	0.23	1.63
109	109	128	SISMA SLD X	0.21	1.63
109	109	127	SISMA SLD Y	0.17	0.59
109	109	131	SISMA SLD Y	0.13	0.59
109	109	132	SISMA SLD Y	0.13	0.76
109	109	128	SISMA SLD Y	0.17	0.76
109	109	127	SISMA SLO X	0.18	0.89
109	109	131	SISMA SLO X	0.19	0.89
109	109	132	SISMA SLO X	0.19	1.35
109	109	128	SISMA SLO X	0.18	1.35
109	109	127	SISMA SLO Y	0.14	0.49
109	109	131	SISMA SLO Y	0.11	0.49
109	109	132	SISMA SLO Y	0.11	0.63
109	109	128	SISMA SLO Y	0.14	0.63
109	109	127	SLT	0.	0.
109	109	131	SLT	0.	0.
109	109	132	SLT	0.	0.
109	109	128	SLT	0.	0.
109	109	127	~TorsionSISMA SLV X	0.	0.
109	109	131	~TorsionSISMA SLV X	0.	0.
109	109	132	~TorsionSISMA SLV X	0.	0.
109	109	128	~TorsionSISMA SLV X	0.	0.
109	109	127	~TorsionSISMA SLV Y	0.	0.
109	109	131	~TorsionSISMA SLV Y	0.	0.
109	109	132	~TorsionSISMA SLV Y	0.	0.
109	109	128	~TorsionSISMA SLV Y	0.	0.
109	109	127	~TorsionSISMA SLD X	0.	0.
109	109	131	~TorsionSISMA SLD X	0.	0.
109	109	132	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
109	109	128	~TorsionSISMA SLD X	0.	0.
109	109	127	~TorsionSISMA SLD Y	0.	0.
109	109	131	~TorsionSISMA SLD Y	0.	0.
109	109	132	~TorsionSISMA SLD Y	0.	0.
109	109	128	~TorsionSISMA SLD Y	0.	0.
109	109	127	~TorsionSISMA SLO X	0.	0.
109	109	131	~TorsionSISMA SLO X	0.	0.
109	109	132	~TorsionSISMA SLO X	0.	0.
109	109	128	~TorsionSISMA SLO X	0.	0.
109	109	127	~TorsionSISMA SLO Y	0.	0.
109	109	131	~TorsionSISMA SLO Y	0.	0.
109	109	132	~TorsionSISMA SLO Y	0.	0.
109	109	128	~TorsionSISMA SLO Y	0.	0.
110	110	128	G1_K	9.957E-03	-26.66
110	110	132	G1_K	-1.76	-26.66
110	110	133	G1_K	-1.76	-17.75
110	110	129	G1_K	9.957E-03	-17.75
110	110	128	G2_K	1.28	1.6
110	110	132	G2_K	-0.95	1.6
110	110	133	G2_K	-0.95	6.73
110	110	129	G2_K	1.28	6.73
110	110	128	Q_K	3.264E-02	-17.07
110	110	132	Q_K	-1.12	-17.07
110	110	133	Q_K	-1.12	-11.39
110	110	129	Q_K	3.264E-02	-11.39
110	110	128	N_K	3.917E-03	-2.05
110	110	132	N_K	-0.13	-2.05
110	110	133	N_K	-0.13	-1.37
110	110	129	N_K	3.917E-03	-1.37
110	110	128	T+_K	0.	0.
110	110	132	T+_K	0.	0.
110	110	133	T+_K	0.	0.
110	110	129	T+_K	0.	0.
110	110	128	T-_K	0.	0.
110	110	132	T-_K	0.	0.
110	110	133	T-_K	0.	0.
110	110	129	T-_K	0.	0.
110	110	128	G1_D	1.294E-02	-34.66
110	110	132	G1_D	-2.29	-34.66
110	110	133	G1_D	-2.29	-23.08
110	110	129	G1_D	1.294E-02	-23.08
110	110	128	G2_D	1.66	2.08
110	110	132	G2_D	-1.24	2.08
110	110	133	G2_D	-1.24	8.75

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
110	110	129	G2_D	1.66	8.75
110	110	128	Q_D	4.896E-02	-25.6
110	110	132	Q_D	-1.68	-25.6
110	110	133	Q_D	-1.68	-17.09
110	110	129	Q_D	4.896E-02	-17.09
110	110	128	N_D	5.876E-03	-3.07
110	110	132	N_D	-0.2	-3.07
110	110	133	N_D	-0.2	-2.05
110	110	129	N_D	5.876E-03	-2.05
110	110	128	T+_D	0.	0.
110	110	132	T+_D	0.	0.
110	110	133	T+_D	0.	0.
110	110	129	T+_D	0.	0.
110	110	128	T-_D	0.	0.
110	110	132	T-_D	0.	0.
110	110	133	T-_D	0.	0.
110	110	129	T-_D	0.	0.
110	110	128	W+_K	0.	0.
110	110	132	W+_K	0.	0.
110	110	133	W+_K	0.	0.
110	110	129	W+_K	0.	0.
110	110	128	W-_K	0.	0.
110	110	132	W-_K	0.	0.
110	110	133	W-_K	0.	0.
110	110	129	W-_K	0.	0.
110	110	128	W+_D	0.	0.
110	110	132	W+_D	0.	0.
110	110	133	W+_D	0.	0.
110	110	129	W+_D	0.	0.
110	110	128	W-_D	0.	0.
110	110	132	W-_D	0.	0.
110	110	133	W-_D	0.	0.
110	110	129	W-_D	0.	0.
110	110	128	SISMA SLV X	0.48	3.31
110	110	132	SISMA SLV X	0.36	3.31
110	110	133	SISMA SLV X	0.36	1.88
110	110	129	SISMA SLV X	0.48	1.88
110	110	128	SISMA SLV Y	0.24	1.53
110	110	132	SISMA SLV Y	0.23	1.53
110	110	133	SISMA SLV Y	0.23	0.88
110	110	129	SISMA SLV Y	0.24	0.88
110	110	128	SISMA SLD X	0.24	1.62
110	110	132	SISMA SLD X	0.18	1.62
110	110	133	SISMA SLD X	0.18	0.92
110	110	129	SISMA SLD X	0.24	0.92
110	110	128	SISMA SLD Y	0.12	0.75
110	110	132	SISMA SLD Y	0.11	0.75
110	110	133	SISMA SLD Y	0.11	0.43
110	110	129	SISMA SLD Y	0.12	0.43
110	110	128	SISMA SLO X	0.2	1.34
110	110	132	SISMA SLO X	0.15	1.34
110	110	133	SISMA SLO X	0.15	0.76
110	110	129	SISMA SLO X	0.2	0.76
110	110	128	SISMA SLO Y	9.578E-02	0.62

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
110	110	132	SISMA SLO Y	9.477E-02	0.62
110	110	133	SISMA SLO Y	9.477E-02	0.36
110	110	129	SISMA SLO Y	9.578E-02	0.36
110	110	128	SLT	0.	0.
110	110	132	SLT	0.	0.
110	110	133	SLT	0.	0.
110	110	129	SLT	0.	0.
110	110	128	~TorsionSISMA SLV X	0.	0.
110	110	132	~TorsionSISMA SLV X	0.	0.
110	110	133	~TorsionSISMA SLV X	0.	0.
110	110	129	~TorsionSISMA SLV X	0.	0.
110	110	128	~TorsionSISMA SLV Y	0.	0.
110	110	132	~TorsionSISMA SLV Y	0.	0.
110	110	133	~TorsionSISMA SLV Y	0.	0.
110	110	129	~TorsionSISMA SLV Y	0.	0.
110	110	128	~TorsionSISMA SLD X	0.	0.
110	110	132	~TorsionSISMA SLD X	0.	0.
110	110	133	~TorsionSISMA SLD X	0.	0.
110	110	129	~TorsionSISMA SLD X	0.	0.
110	110	128	~TorsionSISMA SLD Y	0.	0.
110	110	132	~TorsionSISMA SLD Y	0.	0.
110	110	133	~TorsionSISMA SLD Y	0.	0.
110	110	129	~TorsionSISMA SLD Y	0.	0.
110	110	128	~TorsionSISMA SLO X	0.	0.
110	110	132	~TorsionSISMA SLO X	0.	0.
110	110	133	~TorsionSISMA SLO X	0.	0.
110	110	129	~TorsionSISMA SLO X	0.	0.
110	110	128	~TorsionSISMA SLO Y	0.	0.
110	110	132	~TorsionSISMA SLO Y	0.	0.
110	110	133	~TorsionSISMA SLO Y	0.	0.
110	110	129	~TorsionSISMA SLO Y	0.	0.
111	111	129	G1_K	12.55	-14.84
111	111	133	G1_K	-7.37	-14.84
111	111	105	G1_K	-7.37	8.96
111	111	130	G1_K	12.55	8.96

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
111	111	129	G2_K	7.12	8.41
111	111	133	G2_K	8.48	8.41
111	111	105	G2_K	8.48	1.43
111	111	130	G2_K	7.12	1.43
111	111	129	Q_K	7.95	-9.54
111	111	133	Q_K	-4.45	-9.54
111	111	105	Q_K	-4.45	5.55
111	111	130	Q_K	7.95	5.55
111	111	129	N_K	0.95	-1.15
111	111	133	N_K	-0.53	-1.15
111	111	105	N_K	-0.53	0.67
111	111	130	N_K	0.95	0.67
111	111	129	T+_K	0.	0.
111	111	133	T+_K	0.	0.
111	111	105	T+_K	0.	0.
111	111	130	T+_K	0.	0.
111	111	129	T-_K	0.	0.
111	111	133	T-_K	0.	0.
111	111	105	T-_K	0.	0.
111	111	130	T-_K	0.	0.
111	111	129	G1_D	16.31	-19.29
111	111	133	G1_D	-9.58	-19.29
111	111	105	G1_D	-9.58	11.65
111	111	130	G1_D	16.31	11.65
111	111	129	G2_D	9.26	10.93
111	111	133	G2_D	11.02	10.93
111	111	105	G2_D	11.02	1.86
111	111	130	G2_D	9.26	1.86
111	111	129	Q_D	11.92	-14.32
111	111	133	Q_D	-6.67	-14.32
111	111	105	Q_D	-6.67	8.32
111	111	130	Q_D	11.92	8.32
111	111	129	N_D	1.43	-1.72
111	111	133	N_D	-0.8	-1.72
111	111	105	N_D	-0.8	1.
111	111	130	N_D	1.43	1.
111	111	129	T+_D	0.	0.
111	111	133	T+_D	0.	0.
111	111	105	T+_D	0.	0.
111	111	130	T+_D	0.	0.
111	111	129	T-_D	0.	0.
111	111	133	T-_D	0.	0.
111	111	105	T-_D	0.	0.
111	111	130	T-_D	0.	0.
111	111	129	W+_K	0.	0.
111	111	133	W+_K	0.	0.
111	111	105	W+_K	0.	0.
111	111	130	W+_K	0.	0.
111	111	129	W-_K	0.	0.
111	111	133	W-_K	0.	0.
111	111	105	W-_K	0.	0.
111	111	130	W-_K	0.	0.
111	111	129	W+_D	0.	0.
111	111	133	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
111	111	105	W+_D	0.	0.
111	111	130	W+_D	0.	0.
111	111	129	W-_D	0.	0.
111	111	133	W-_D	0.	0.
111	111	105	W-_D	0.	0.
111	111	130	W-_D	0.	0.
111	111	129	SISMA SLV X	1.37	1.54
111	111	133	SISMA SLV X	1.27	1.54
111	111	105	SISMA SLV X	1.27	1.05
111	111	130	SISMA SLV X	1.37	1.05
111	111	129	SISMA SLV Y	0.79	0.74
111	111	133	SISMA SLV Y	0.73	0.74
111	111	105	SISMA SLV Y	0.73	0.47
111	111	130	SISMA SLV Y	0.79	0.47
111	111	129	SISMA SLD X	0.67	0.75
111	111	133	SISMA SLD X	0.62	0.75
111	111	105	SISMA SLD X	0.62	0.51
111	111	130	SISMA SLD X	0.67	0.51
111	111	129	SISMA SLD Y	0.39	0.36
111	111	133	SISMA SLD Y	0.36	0.36
111	111	105	SISMA SLD Y	0.36	0.23
111	111	130	SISMA SLD Y	0.39	0.23
111	111	129	SISMA SLO X	0.55	0.62
111	111	133	SISMA SLO X	0.51	0.62
111	111	105	SISMA SLO X	0.51	0.42
111	111	130	SISMA SLO X	0.55	0.42
111	111	129	SISMA SLO Y	0.32	0.3
111	111	133	SISMA SLO Y	0.3	0.3
111	111	105	SISMA SLO Y	0.3	0.19
111	111	130	SISMA SLO Y	0.32	0.19
111	111	129	SLT	0.	0.
111	111	133	SLT	0.	0.
111	111	105	SLT	0.	0.
111	111	130	SLT	0.	0.
111	111	129	~TorsionSISMA SLV X	0.	0.
111	111	133	~TorsionSISMA SLV X	0.	0.
111	111	105	~TorsionSISMA SLV X	0.	0.
111	111	130	~TorsionSISMA SLV X	0.	0.
111	111	129	~TorsionSISMA SLV Y	0.	0.
111	111	133	~TorsionSISMA SLV Y	0.	0.
111	111	105	~TorsionSISMA SLV Y	0.	0.
111	111	130	~TorsionSISMA SLV Y	0.	0.
111	111	129	~TorsionSISMA SLD X	0.	0.
111	111	133	~TorsionSISMA SLD X	0.	0.
111	111	105	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
111	111	130	~TorsionSISMA SLD X	0.	0.
111	111	129	~TorsionSISMA SLD Y	0.	0.
111	111	133	~TorsionSISMA SLD Y	0.	0.
111	111	105	~TorsionSISMA SLD Y	0.	0.
111	111	130	~TorsionSISMA SLD Y	0.	0.
111	111	129	~TorsionSISMA SLO X	0.	0.
111	111	133	~TorsionSISMA SLO X	0.	0.
111	111	105	~TorsionSISMA SLO X	0.	0.
111	111	130	~TorsionSISMA SLO X	0.	0.
111	111	129	~TorsionSISMA SLO Y	0.	0.
111	111	133	~TorsionSISMA SLO Y	0.	0.
111	111	105	~TorsionSISMA SLO Y	0.	0.
111	111	130	~TorsionSISMA SLO Y	0.	0.
112	112	172	G1_K	6.393E-02	1.92
112	112	175	G1_K	6.393E-02	1.92
112	112	56	G1_K	6.393E-02	1.92
112	112	53	G1_K	6.393E-02	1.92
112	112	172	G2_K	-5.628E-02	-65.98
112	112	175	G2_K	-5.628E-02	-65.98
112	112	56	G2_K	-5.628E-02	-65.98
112	112	53	G2_K	-5.628E-02	-65.98
112	112	172	Q_K	3.691E-02	1.1
112	112	175	Q_K	3.691E-02	1.1
112	112	56	Q_K	3.691E-02	1.1
112	112	53	Q_K	3.691E-02	1.1
112	112	172	N_K	4.429E-03	0.13
112	112	175	N_K	4.429E-03	0.13
112	112	56	N_K	4.429E-03	0.13
112	112	53	N_K	4.429E-03	0.13
112	112	172	T+_K	0.	0.
112	112	175	T+_K	0.	0.
112	112	56	T+_K	0.	0.
112	112	53	T+_K	0.	0.
112	112	172	T-_K	0.	0.
112	112	175	T-_K	0.	0.
112	112	56	T-_K	0.	0.
112	112	53	T-_K	0.	0.
112	112	172	G1_D	8.311E-02	2.49
112	112	175	G1_D	8.311E-02	2.49
112	112	56	G1_D	8.311E-02	2.49
112	112	53	G1_D	8.311E-02	2.49
112	112	172	G2_D	-7.317E-02	-85.77
112	112	175	G2_D	-7.317E-02	-85.77
112	112	56	G2_D	-7.317E-02	-85.77

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
112	112	53	G2_D	-7.317E-02	-85.77
112	112	172	Q_D	5.536E-02	1.66
112	112	175	Q_D	5.536E-02	1.66
112	112	56	Q_D	5.536E-02	1.66
112	112	53	Q_D	5.536E-02	1.66
112	112	172	N_D	6.643E-03	0.2
112	112	175	N_D	6.643E-03	0.2
112	112	56	N_D	6.643E-03	0.2
112	112	53	N_D	6.643E-03	0.2
112	112	172	T+_D	0.	0.
112	112	175	T+_D	0.	0.
112	112	56	T+_D	0.	0.
112	112	53	T+_D	0.	0.
112	112	172	T-_D	0.	0.
112	112	175	T-_D	0.	0.
112	112	56	T-_D	0.	0.
112	112	53	T-_D	0.	0.
112	112	172	W+_K	0.	0.
112	112	175	W+_K	0.	0.
112	112	56	W+_K	0.	0.
112	112	53	W+_K	0.	0.
112	112	172	W-_K	0.	0.
112	112	175	W-_K	0.	0.
112	112	56	W-_K	0.	0.
112	112	53	W-_K	0.	0.
112	112	172	W+_D	0.	0.
112	112	175	W+_D	0.	0.
112	112	56	W+_D	0.	0.
112	112	53	W+_D	0.	0.
112	112	172	W-_D	0.	0.
112	112	175	W-_D	0.	0.
112	112	56	W-_D	0.	0.
112	112	53	W-_D	0.	0.
112	112	172	SISMA SLV X	4.140E-02	4.23
112	112	175	SISMA SLV X	4.140E-02	4.23
112	112	56	SISMA SLV X	4.140E-02	4.23
112	112	53	SISMA SLV X	4.140E-02	4.23
112	112	172	SISMA SLV Y	4.516E-02	1.93
112	112	175	SISMA SLV Y	4.516E-02	1.93
112	112	56	SISMA SLV Y	4.516E-02	1.93
112	112	53	SISMA SLV Y	4.516E-02	1.93
112	112	172	SISMA SLD X	2.022E-02	2.06
112	112	175	SISMA SLD X	2.022E-02	2.06
112	112	56	SISMA SLD X	2.022E-02	2.06
112	112	53	SISMA SLD X	2.022E-02	2.06
112	112	172	SISMA SLD Y	2.205E-02	0.94
112	112	175	SISMA SLD Y	2.205E-02	0.94
112	112	56	SISMA SLD Y	2.205E-02	0.94
112	112	53	SISMA SLD Y	2.205E-02	0.94
112	112	172	SISMA SLO X	1.671E-02	1.71
112	112	175	SISMA SLO X	1.671E-02	1.71
112	112	56	SISMA SLO X	1.671E-02	1.71
112	112	53	SISMA SLO X	1.671E-02	1.71
112	112	172	SISMA SLO Y	1.826E-02	0.78

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
112	112	175	SISMA SLO Y	1.826E-02	0.78
112	112	56	SISMA SLO Y	1.826E-02	0.78
112	112	53	SISMA SLO Y	1.826E-02	0.78
112	112	172	SLT	0.	0.
112	112	175	SLT	0.	0.
112	112	56	SLT	0.	0.
112	112	53	SLT	0.	0.
112	112	172	~TorsionSISMA SLV X	0.	0.
112	112	175	~TorsionSISMA SLV X	0.	0.
112	112	56	~TorsionSISMA SLV X	0.	0.
112	112	53	~TorsionSISMA SLV X	0.	0.
112	112	172	~TorsionSISMA SLV Y	0.	0.
112	112	175	~TorsionSISMA SLV Y	0.	0.
112	112	56	~TorsionSISMA SLV Y	0.	0.
112	112	53	~TorsionSISMA SLV Y	0.	0.
112	112	172	~TorsionSISMA SLD X	0.	0.
112	112	175	~TorsionSISMA SLD X	0.	0.
112	112	56	~TorsionSISMA SLD X	0.	0.
112	112	53	~TorsionSISMA SLD X	0.	0.
112	112	172	~TorsionSISMA SLD Y	0.	0.
112	112	175	~TorsionSISMA SLD Y	0.	0.
112	112	56	~TorsionSISMA SLD Y	0.	0.
112	112	53	~TorsionSISMA SLD Y	0.	0.
112	112	172	~TorsionSISMA SLO X	0.	0.
112	112	175	~TorsionSISMA SLO X	0.	0.
112	112	56	~TorsionSISMA SLO X	0.	0.
112	112	53	~TorsionSISMA SLO X	0.	0.
112	112	172	~TorsionSISMA SLO Y	0.	0.
112	112	175	~TorsionSISMA SLO Y	0.	0.
112	112	56	~TorsionSISMA SLO Y	0.	0.
112	112	53	~TorsionSISMA SLO Y	0.	0.
113	113	53	G1_K	0.13	2.
113	113	56	G1_K	0.13	2.
113	113	176	G1_K	0.13	2.
113	113	173	G1_K	0.13	2.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
113	113	53	G2_K	-2.58	-32.23
113	113	56	G2_K	-2.58	-32.23
113	113	176	G2_K	-2.58	-32.23
113	113	173	G2_K	-2.58	-32.23
113	113	53	Q_K	9.566E-02	1.18
113	113	56	Q_K	9.566E-02	1.18
113	113	176	Q_K	9.566E-02	1.18
113	113	173	Q_K	9.566E-02	1.18
113	113	53	N_K	1.148E-02	0.14
113	113	56	N_K	1.148E-02	0.14
113	113	176	N_K	1.148E-02	0.14
113	113	173	N_K	1.148E-02	0.14
113	113	53	T+_K	0.	0.
113	113	56	T+_K	0.	0.
113	113	176	T+_K	0.	0.
113	113	173	T+_K	0.	0.
113	113	53	T-_K	0.	0.
113	113	56	T-_K	0.	0.
113	113	176	T-_K	0.	0.
113	113	173	T-_K	0.	0.
113	113	53	G1_D	0.17	2.6
113	113	56	G1_D	0.17	2.6
113	113	176	G1_D	0.17	2.6
113	113	173	G1_D	0.17	2.6
113	113	53	G2_D	-3.35	-41.89
113	113	56	G2_D	-3.35	-41.89
113	113	176	G2_D	-3.35	-41.89
113	113	173	G2_D	-3.35	-41.89
113	113	53	Q_D	0.14	1.78
113	113	56	Q_D	0.14	1.78
113	113	176	Q_D	0.14	1.78
113	113	173	Q_D	0.14	1.78
113	113	53	N_D	1.722E-02	0.21
113	113	56	N_D	1.722E-02	0.21
113	113	176	N_D	1.722E-02	0.21
113	113	173	N_D	1.722E-02	0.21
113	113	53	T+_D	0.	0.
113	113	56	T+_D	0.	0.
113	113	176	T+_D	0.	0.
113	113	173	T+_D	0.	0.
113	113	53	T-_D	0.	0.
113	113	56	T-_D	0.	0.
113	113	176	T-_D	0.	0.
113	113	173	T-_D	0.	0.
113	113	53	W+_K	0.	0.
113	113	56	W+_K	0.	0.
113	113	176	W+_K	0.	0.
113	113	173	W+_K	0.	0.
113	113	53	W-_K	0.	0.
113	113	56	W-_K	0.	0.
113	113	176	W-_K	0.	0.
113	113	173	W-_K	0.	0.
113	113	53	W+_D	0.	0.
113	113	56	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
113	113	176	W+_D	0.	0.
113	113	173	W+_D	0.	0.
113	113	53	W-_D	0.	0.
113	113	56	W-_D	0.	0.
113	113	176	W-_D	0.	0.
113	113	173	W-_D	0.	0.
113	113	53	SISMA SLV X	0.18	3.7
113	113	56	SISMA SLV X	0.18	3.7
113	113	176	SISMA SLV X	0.18	3.7
113	113	173	SISMA SLV X	0.18	3.7
113	113	53	SISMA SLV Y	0.26	1.7
113	113	56	SISMA SLV Y	0.26	1.7
113	113	176	SISMA SLV Y	0.26	1.7
113	113	173	SISMA SLV Y	0.26	1.7
113	113	53	SISMA SLD X	8.672E-02	1.81
113	113	56	SISMA SLD X	8.672E-02	1.81
113	113	176	SISMA SLD X	8.672E-02	1.81
113	113	173	SISMA SLD X	8.672E-02	1.81
113	113	53	SISMA SLD Y	0.13	0.83
113	113	56	SISMA SLD Y	0.13	0.83
113	113	176	SISMA SLD Y	0.13	0.83
113	113	173	SISMA SLD Y	0.13	0.83
113	113	53	SISMA SLO X	7.169E-02	1.5
113	113	56	SISMA SLO X	7.169E-02	1.5
113	113	176	SISMA SLO X	7.169E-02	1.5
113	113	173	SISMA SLO X	7.169E-02	1.5
113	113	53	SISMA SLO Y	0.1	0.69
113	113	56	SISMA SLO Y	0.1	0.69
113	113	176	SISMA SLO Y	0.1	0.69
113	113	173	SISMA SLO Y	0.1	0.69
113	113	53	SLT	0.	0.
113	113	56	SLT	0.	0.
113	113	176	SLT	0.	0.
113	113	173	SLT	0.	0.
113	113	53	~TorsionSISMA SLV X	0.	0.
113	113	56	~TorsionSISMA SLV X	0.	0.
113	113	176	~TorsionSISMA SLV X	0.	0.
113	113	173	~TorsionSISMA SLV X	0.	0.
113	113	53	~TorsionSISMA SLV Y	0.	0.
113	113	56	~TorsionSISMA SLV Y	0.	0.
113	113	176	~TorsionSISMA SLV Y	0.	0.
113	113	173	~TorsionSISMA SLV Y	0.	0.
113	113	53	~TorsionSISMA SLD X	0.	0.
113	113	56	~TorsionSISMA SLD X	0.	0.
113	113	176	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
113	113	173	~TorsionSISMA SLD X	0.	0.
113	113	53	~TorsionSISMA SLD Y	0.	0.
113	113	56	~TorsionSISMA SLD Y	0.	0.
113	113	176	~TorsionSISMA SLD Y	0.	0.
113	113	173	~TorsionSISMA SLD Y	0.	0.
113	113	53	~TorsionSISMA SLO X	0.	0.
113	113	56	~TorsionSISMA SLO X	0.	0.
113	113	176	~TorsionSISMA SLO X	0.	0.
113	113	173	~TorsionSISMA SLO X	0.	0.
113	113	53	~TorsionSISMA SLO Y	0.	0.
113	113	56	~TorsionSISMA SLO Y	0.	0.
113	113	176	~TorsionSISMA SLO Y	0.	0.
113	113	173	~TorsionSISMA SLO Y	0.	0.
114	114	173	G1_K	0.26	2.24
114	114	176	G1_K	0.26	2.24
114	114	57	G1_K	0.26	2.24
114	114	54	G1_K	0.26	2.24
114	114	173	G2_K	-3.63	-7.54
114	114	176	G2_K	-3.63	-7.54
114	114	57	G2_K	-3.63	-7.54
114	114	54	G2_K	-3.63	-7.54
114	114	173	Q_K	0.17	1.36
114	114	176	Q_K	0.17	1.36
114	114	57	Q_K	0.17	1.36
114	114	54	Q_K	0.17	1.36
114	114	173	N_K	2.087E-02	0.16
114	114	176	N_K	2.087E-02	0.16
114	114	57	N_K	2.087E-02	0.16
114	114	54	N_K	2.087E-02	0.16
114	114	173	T+_K	0.	0.
114	114	176	T+_K	0.	0.
114	114	57	T+_K	0.	0.
114	114	54	T+_K	0.	0.
114	114	173	T-_K	0.	0.
114	114	176	T-_K	0.	0.
114	114	57	T-_K	0.	0.
114	114	54	T-_K	0.	0.
114	114	173	G1_D	0.34	2.91
114	114	176	G1_D	0.34	2.91
114	114	57	G1_D	0.34	2.91
114	114	54	G1_D	0.34	2.91
114	114	173	G2_D	-4.73	-9.8
114	114	176	G2_D	-4.73	-9.8
114	114	57	G2_D	-4.73	-9.8

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
114	114	54	G2_D	-4.73	-9.8
114	114	173	Q_D	0.26	2.04
114	114	176	Q_D	0.26	2.04
114	114	57	Q_D	0.26	2.04
114	114	54	Q_D	0.26	2.04
114	114	173	N_D	3.130E-02	0.24
114	114	176	N_D	3.130E-02	0.24
114	114	57	N_D	3.130E-02	0.24
114	114	54	N_D	3.130E-02	0.24
114	114	173	T+_D	0.	0.
114	114	176	T+_D	0.	0.
114	114	57	T+_D	0.	0.
114	114	54	T+_D	0.	0.
114	114	173	T-_D	0.	0.
114	114	176	T-_D	0.	0.
114	114	57	T-_D	0.	0.
114	114	54	T-_D	0.	0.
114	114	173	W+_K	0.	0.
114	114	176	W+_K	0.	0.
114	114	57	W+_K	0.	0.
114	114	54	W+_K	0.	0.
114	114	173	W-_K	0.	0.
114	114	176	W-_K	0.	0.
114	114	57	W-_K	0.	0.
114	114	54	W-_K	0.	0.
114	114	173	W+_D	0.	0.
114	114	176	W+_D	0.	0.
114	114	57	W+_D	0.	0.
114	114	54	W+_D	0.	0.
114	114	173	W-_D	0.	0.
114	114	176	W-_D	0.	0.
114	114	57	W-_D	0.	0.
114	114	54	W-_D	0.	0.
114	114	173	SISMA SLV X	0.28	2.65
114	114	176	SISMA SLV X	0.28	2.65
114	114	57	SISMA SLV X	0.28	2.65
114	114	54	SISMA SLV X	0.28	2.65
114	114	173	SISMA SLV Y	0.42	1.2
114	114	176	SISMA SLV Y	0.42	1.2
114	114	57	SISMA SLV Y	0.42	1.2
114	114	54	SISMA SLV Y	0.42	1.2
114	114	173	SISMA SLD X	0.14	1.3
114	114	176	SISMA SLD X	0.14	1.3
114	114	57	SISMA SLD X	0.14	1.3
114	114	54	SISMA SLD X	0.14	1.3
114	114	173	SISMA SLD Y	0.2	0.59
114	114	176	SISMA SLD Y	0.2	0.59
114	114	57	SISMA SLD Y	0.2	0.59
114	114	54	SISMA SLD Y	0.2	0.59
114	114	173	SISMA SLO X	0.11	1.07
114	114	176	SISMA SLO X	0.11	1.07
114	114	57	SISMA SLO X	0.11	1.07
114	114	54	SISMA SLO X	0.11	1.07
114	114	173	SISMA SLO Y	0.17	0.49

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
114	114	176	SISMA SLO Y	0.17	0.49
114	114	57	SISMA SLO Y	0.17	0.49
114	114	54	SISMA SLO Y	0.17	0.49
114	114	173	SLT	0.	0.
114	114	176	SLT	0.	0.
114	114	57	SLT	0.	0.
114	114	54	SLT	0.	0.
114	114	173	~TorsionSISMA SLV X	0.	0.
114	114	176	~TorsionSISMA SLV X	0.	0.
114	114	57	~TorsionSISMA SLV X	0.	0.
114	114	54	~TorsionSISMA SLV X	0.	0.
114	114	173	~TorsionSISMA SLV Y	0.	0.
114	114	176	~TorsionSISMA SLV Y	0.	0.
114	114	57	~TorsionSISMA SLV Y	0.	0.
114	114	54	~TorsionSISMA SLV Y	0.	0.
114	114	173	~TorsionSISMA SLD X	0.	0.
114	114	176	~TorsionSISMA SLD X	0.	0.
114	114	57	~TorsionSISMA SLD X	0.	0.
114	114	54	~TorsionSISMA SLD X	0.	0.
114	114	173	~TorsionSISMA SLD Y	0.	0.
114	114	176	~TorsionSISMA SLD Y	0.	0.
114	114	57	~TorsionSISMA SLD Y	0.	0.
114	114	54	~TorsionSISMA SLD Y	0.	0.
114	114	173	~TorsionSISMA SLO X	0.	0.
114	114	176	~TorsionSISMA SLO X	0.	0.
114	114	57	~TorsionSISMA SLO X	0.	0.
114	114	54	~TorsionSISMA SLO X	0.	0.
114	114	173	~TorsionSISMA SLO Y	0.	0.
114	114	176	~TorsionSISMA SLO Y	0.	0.
114	114	57	~TorsionSISMA SLO Y	0.	0.
114	114	54	~TorsionSISMA SLO Y	0.	0.
115	115	54	G1_K	0.41	2.82
115	115	57	G1_K	0.41	2.82
115	115	177	G1_K	0.41	2.82
115	115	174	G1_K	0.41	2.82

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
115	115	54	G2_K	-3.55	10.26
115	115	57	G2_K	-3.55	10.26
115	115	177	G2_K	-3.55	10.26
115	115	174	G2_K	-3.55	10.26
115	115	54	Q_K	0.27	1.75
115	115	57	Q_K	0.27	1.75
115	115	177	Q_K	0.27	1.75
115	115	174	Q_K	0.27	1.75
115	115	54	N_K	3.250E-02	0.21
115	115	57	N_K	3.250E-02	0.21
115	115	177	N_K	3.250E-02	0.21
115	115	174	N_K	3.250E-02	0.21
115	115	54	T+_K	0.	0.
115	115	57	T+_K	0.	0.
115	115	177	T+_K	0.	0.
115	115	174	T+_K	0.	0.
115	115	54	T-_K	0.	0.
115	115	57	T-_K	0.	0.
115	115	177	T-_K	0.	0.
115	115	174	T-_K	0.	0.
115	115	54	G1_D	0.53	3.66
115	115	57	G1_D	0.53	3.66
115	115	177	G1_D	0.53	3.66
115	115	174	G1_D	0.53	3.66
115	115	54	G2_D	-4.62	13.34
115	115	57	G2_D	-4.62	13.34
115	115	177	G2_D	-4.62	13.34
115	115	174	G2_D	-4.62	13.34
115	115	54	Q_D	0.41	2.63
115	115	57	Q_D	0.41	2.63
115	115	177	Q_D	0.41	2.63
115	115	174	Q_D	0.41	2.63
115	115	54	N_D	4.875E-02	0.32
115	115	57	N_D	4.875E-02	0.32
115	115	177	N_D	4.875E-02	0.32
115	115	174	N_D	4.875E-02	0.32
115	115	54	T+_D	0.	0.
115	115	57	T+_D	0.	0.
115	115	177	T+_D	0.	0.
115	115	174	T+_D	0.	0.
115	115	54	T-_D	0.	0.
115	115	57	T-_D	0.	0.
115	115	177	T-_D	0.	0.
115	115	174	T-_D	0.	0.
115	115	54	W+_K	0.	0.
115	115	57	W+_K	0.	0.
115	115	177	W+_K	0.	0.
115	115	174	W+_K	0.	0.
115	115	54	W-_K	0.	0.
115	115	57	W-_K	0.	0.
115	115	177	W-_K	0.	0.
115	115	174	W-_K	0.	0.
115	115	54	W+_D	0.	0.
115	115	57	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
115	115	177	W+_D	0.	0.
115	115	174	W+_D	0.	0.
115	115	54	W-_D	0.	0.
115	115	57	W-_D	0.	0.
115	115	177	W-_D	0.	0.
115	115	174	W-_D	0.	0.
115	115	54	SISMA SLV X	0.34	1.03
115	115	57	SISMA SLV X	0.34	1.03
115	115	177	SISMA SLV X	0.34	1.03
115	115	174	SISMA SLV X	0.34	1.03
115	115	54	SISMA SLV Y	0.56	0.43
115	115	57	SISMA SLV Y	0.56	0.43
115	115	177	SISMA SLV Y	0.56	0.43
115	115	174	SISMA SLV Y	0.56	0.43
115	115	54	SISMA SLD X	0.17	0.5
115	115	57	SISMA SLD X	0.17	0.5
115	115	177	SISMA SLD X	0.17	0.5
115	115	174	SISMA SLD X	0.17	0.5
115	115	54	SISMA SLD Y	0.27	0.21
115	115	57	SISMA SLD Y	0.27	0.21
115	115	177	SISMA SLD Y	0.27	0.21
115	115	174	SISMA SLD Y	0.27	0.21
115	115	54	SISMA SLO X	0.14	0.42
115	115	57	SISMA SLO X	0.14	0.42
115	115	177	SISMA SLO X	0.14	0.42
115	115	174	SISMA SLO X	0.14	0.42
115	115	54	SISMA SLO Y	0.23	0.17
115	115	57	SISMA SLO Y	0.23	0.17
115	115	177	SISMA SLO Y	0.23	0.17
115	115	174	SISMA SLO Y	0.23	0.17
115	115	54	SLT	0.	0.
115	115	57	SLT	0.	0.
115	115	177	SLT	0.	0.
115	115	174	SLT	0.	0.
115	115	54	~TorsionSISMA SLV X	0.	0.
115	115	57	~TorsionSISMA SLV X	0.	0.
115	115	177	~TorsionSISMA SLV X	0.	0.
115	115	174	~TorsionSISMA SLV X	0.	0.
115	115	54	~TorsionSISMA SLV Y	0.	0.
115	115	57	~TorsionSISMA SLV Y	0.	0.
115	115	177	~TorsionSISMA SLV Y	0.	0.
115	115	174	~TorsionSISMA SLV Y	0.	0.
115	115	54	~TorsionSISMA SLD X	0.	0.
115	115	57	~TorsionSISMA SLD X	0.	0.
115	115	177	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
115	115	174	~TorsionSISMA SLD X	0.	0.
115	115	54	~TorsionSISMA SLD Y	0.	0.
115	115	57	~TorsionSISMA SLD Y	0.	0.
115	115	177	~TorsionSISMA SLD Y	0.	0.
115	115	174	~TorsionSISMA SLD Y	0.	0.
115	115	54	~TorsionSISMA SLO X	0.	0.
115	115	57	~TorsionSISMA SLO X	0.	0.
115	115	177	~TorsionSISMA SLO X	0.	0.
115	115	174	~TorsionSISMA SLO X	0.	0.
115	115	54	~TorsionSISMA SLO Y	0.	0.
115	115	57	~TorsionSISMA SLO Y	0.	0.
115	115	177	~TorsionSISMA SLO Y	0.	0.
115	115	174	~TorsionSISMA SLO Y	0.	0.
116	116	174	G1_K	0.68	3.49
116	116	177	G1_K	0.68	3.49
116	116	58	G1_K	0.68	3.49
116	116	55	G1_K	0.68	3.49
116	116	174	G2_K	-2.34	22.98
116	116	177	G2_K	-2.34	22.98
116	116	58	G2_K	-2.34	22.98
116	116	55	G2_K	-2.34	22.98
116	116	174	Q_K	0.46	2.2
116	116	177	Q_K	0.46	2.2
116	116	58	Q_K	0.46	2.2
116	116	55	Q_K	0.46	2.2
116	116	174	N_K	5.530E-02	0.26
116	116	177	N_K	5.530E-02	0.26
116	116	58	N_K	5.530E-02	0.26
116	116	55	N_K	5.530E-02	0.26
116	116	174	T+_K	0.	0.
116	116	177	T+_K	0.	0.
116	116	58	T+_K	0.	0.
116	116	55	T+_K	0.	0.
116	116	174	T-_K	0.	0.
116	116	177	T-_K	0.	0.
116	116	58	T-_K	0.	0.
116	116	55	T-_K	0.	0.
116	116	174	G1_D	0.89	4.54
116	116	177	G1_D	0.89	4.54
116	116	58	G1_D	0.89	4.54
116	116	55	G1_D	0.89	4.54
116	116	174	G2_D	-3.04	29.87
116	116	177	G2_D	-3.04	29.87
116	116	58	G2_D	-3.04	29.87

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
116	116	55	G2_D	-3.04	29.87
116	116	174	Q_D	0.69	3.3
116	116	177	Q_D	0.69	3.3
116	116	58	Q_D	0.69	3.3
116	116	55	Q_D	0.69	3.3
116	116	174	N_D	8.295E-02	0.4
116	116	177	N_D	8.295E-02	0.4
116	116	58	N_D	8.295E-02	0.4
116	116	55	N_D	8.295E-02	0.4
116	116	174	T+_D	0.	0.
116	116	177	T+_D	0.	0.
116	116	58	T+_D	0.	0.
116	116	55	T+_D	0.	0.
116	116	174	T-_D	0.	0.
116	116	177	T-_D	0.	0.
116	116	58	T-_D	0.	0.
116	116	55	T-_D	0.	0.
116	116	174	W+_K	0.	0.
116	116	177	W+_K	0.	0.
116	116	58	W+_K	0.	0.
116	116	55	W+_K	0.	0.
116	116	174	W-_K	0.	0.
116	116	177	W-_K	0.	0.
116	116	58	W-_K	0.	0.
116	116	55	W-_K	0.	0.
116	116	174	W+_D	0.	0.
116	116	177	W+_D	0.	0.
116	116	58	W+_D	0.	0.
116	116	55	W+_D	0.	0.
116	116	174	W-_D	0.	0.
116	116	177	W-_D	0.	0.
116	116	58	W-_D	0.	0.
116	116	55	W-_D	0.	0.
116	116	174	SISMA SLV X	0.37	1.36
116	116	177	SISMA SLV X	0.37	1.36
116	116	58	SISMA SLV X	0.37	1.36
116	116	55	SISMA SLV X	0.37	1.36
116	116	174	SISMA SLV Y	0.63	0.76
116	116	177	SISMA SLV Y	0.63	0.76
116	116	58	SISMA SLV Y	0.63	0.76
116	116	55	SISMA SLV Y	0.63	0.76
116	116	174	SISMA SLD X	0.18	0.67
116	116	177	SISMA SLD X	0.18	0.67
116	116	58	SISMA SLD X	0.18	0.67
116	116	55	SISMA SLD X	0.18	0.67
116	116	174	SISMA SLD Y	0.31	0.37
116	116	177	SISMA SLD Y	0.31	0.37
116	116	58	SISMA SLD Y	0.31	0.37
116	116	55	SISMA SLD Y	0.31	0.37
116	116	174	SISMA SLO X	0.15	0.55
116	116	177	SISMA SLO X	0.15	0.55
116	116	58	SISMA SLO X	0.15	0.55
116	116	55	SISMA SLO X	0.15	0.55
116	116	174	SISMA SLO Y	0.25	0.31

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
116	116	177	SISMA SLO Y	0.25	0.31
116	116	58	SISMA SLO Y	0.25	0.31
116	116	55	SISMA SLO Y	0.25	0.31
116	116	174	SLT	0.	0.
116	116	177	SLT	0.	0.
116	116	58	SLT	0.	0.
116	116	55	SLT	0.	0.
116	116	174	~TorsionSISMA SLV X	0.	0.
116	116	177	~TorsionSISMA SLV X	0.	0.
116	116	58	~TorsionSISMA SLV X	0.	0.
116	116	55	~TorsionSISMA SLV X	0.	0.
116	116	174	~TorsionSISMA SLV Y	0.	0.
116	116	177	~TorsionSISMA SLV Y	0.	0.
116	116	58	~TorsionSISMA SLV Y	0.	0.
116	116	55	~TorsionSISMA SLV Y	0.	0.
116	116	174	~TorsionSISMA SLD X	0.	0.
116	116	177	~TorsionSISMA SLD X	0.	0.
116	116	58	~TorsionSISMA SLD X	0.	0.
116	116	55	~TorsionSISMA SLD X	0.	0.
116	116	174	~TorsionSISMA SLD Y	0.	0.
116	116	177	~TorsionSISMA SLD Y	0.	0.
116	116	58	~TorsionSISMA SLD Y	0.	0.
116	116	55	~TorsionSISMA SLD Y	0.	0.
116	116	174	~TorsionSISMA SLO X	0.	0.
116	116	177	~TorsionSISMA SLO X	0.	0.
116	116	58	~TorsionSISMA SLO X	0.	0.
116	116	55	~TorsionSISMA SLO X	0.	0.
116	116	174	~TorsionSISMA SLO Y	0.	0.
116	116	177	~TorsionSISMA SLO Y	0.	0.
116	116	58	~TorsionSISMA SLO Y	0.	0.
116	116	55	~TorsionSISMA SLO Y	0.	0.
117	117	55	G1_K	1.17	4.5
117	117	58	G1_K	1.17	4.5
117	117	125	G1_K	1.17	4.5
117	117	130	G1_K	1.17	4.5

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
117	117	55	G2_K	-0.33	32.03
117	117	58	G2_K	-0.33	32.03
117	117	125	G2_K	-0.33	32.03
117	117	130	G2_K	-0.33	32.03
117	117	55	Q_K	0.78	2.85
117	117	58	Q_K	0.78	2.85
117	117	125	Q_K	0.78	2.85
117	117	130	Q_K	0.78	2.85
117	117	55	N_K	9.317E-02	0.34
117	117	58	N_K	9.317E-02	0.34
117	117	125	N_K	9.317E-02	0.34
117	117	130	N_K	9.317E-02	0.34
117	117	55	T+_K	0.	0.
117	117	58	T+_K	0.	0.
117	117	125	T+_K	0.	0.
117	117	130	T+_K	0.	0.
117	117	55	T-_K	0.	0.
117	117	58	T-_K	0.	0.
117	117	125	T-_K	0.	0.
117	117	130	T-_K	0.	0.
117	117	55	G1_D	1.53	5.85
117	117	58	G1_D	1.53	5.85
117	117	125	G1_D	1.53	5.85
117	117	130	G1_D	1.53	5.85
117	117	55	G2_D	-0.43	41.64
117	117	58	G2_D	-0.43	41.64
117	117	125	G2_D	-0.43	41.64
117	117	130	G2_D	-0.43	41.64
117	117	55	Q_D	1.16	4.27
117	117	58	Q_D	1.16	4.27
117	117	125	Q_D	1.16	4.27
117	117	130	Q_D	1.16	4.27
117	117	55	N_D	0.14	0.51
117	117	58	N_D	0.14	0.51
117	117	125	N_D	0.14	0.51
117	117	130	N_D	0.14	0.51
117	117	55	T+_D	0.	0.
117	117	58	T+_D	0.	0.
117	117	125	T+_D	0.	0.
117	117	130	T+_D	0.	0.
117	117	55	T-_D	0.	0.
117	117	58	T-_D	0.	0.
117	117	125	T-_D	0.	0.
117	117	130	T-_D	0.	0.
117	117	55	W+_K	0.	0.
117	117	58	W+_K	0.	0.
117	117	125	W+_K	0.	0.
117	117	130	W+_K	0.	0.
117	117	55	W-_K	0.	0.
117	117	58	W-_K	0.	0.
117	117	125	W-_K	0.	0.
117	117	130	W-_K	0.	0.
117	117	55	W+_D	0.	0.
117	117	58	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
117	117	125	W+_D	0.	0.
117	117	130	W+_D	0.	0.
117	117	55	W-_D	0.	0.
117	117	58	W-_D	0.	0.
117	117	125	W-_D	0.	0.
117	117	130	W-_D	0.	0.
117	117	55	SISMA SLV X	0.34	3.6
117	117	58	SISMA SLV X	0.34	3.6
117	117	125	SISMA SLV X	0.34	3.6
117	117	130	SISMA SLV X	0.34	3.6
117	117	55	SISMA SLV Y	0.55	1.83
117	117	58	SISMA SLV Y	0.55	1.83
117	117	125	SISMA SLV Y	0.55	1.83
117	117	130	SISMA SLV Y	0.55	1.83
117	117	55	SISMA SLD X	0.16	1.76
117	117	58	SISMA SLD X	0.16	1.76
117	117	125	SISMA SLD X	0.16	1.76
117	117	130	SISMA SLD X	0.16	1.76
117	117	55	SISMA SLD Y	0.27	0.89
117	117	58	SISMA SLD Y	0.27	0.89
117	117	125	SISMA SLD Y	0.27	0.89
117	117	130	SISMA SLD Y	0.27	0.89
117	117	55	SISMA SLO X	0.14	1.45
117	117	58	SISMA SLO X	0.14	1.45
117	117	125	SISMA SLO X	0.14	1.45
117	117	130	SISMA SLO X	0.14	1.45
117	117	55	SISMA SLO Y	0.22	0.74
117	117	58	SISMA SLO Y	0.22	0.74
117	117	125	SISMA SLO Y	0.22	0.74
117	117	130	SISMA SLO Y	0.22	0.74
117	117	55	SLT	0.	0.
117	117	58	SLT	0.	0.
117	117	125	SLT	0.	0.
117	117	130	SLT	0.	0.
117	117	55	~TorsionSISMA SLV X	0.	0.
117	117	58	~TorsionSISMA SLV X	0.	0.
117	117	125	~TorsionSISMA SLV X	0.	0.
117	117	130	~TorsionSISMA SLV X	0.	0.
117	117	55	~TorsionSISMA SLV Y	0.	0.
117	117	58	~TorsionSISMA SLV Y	0.	0.
117	117	125	~TorsionSISMA SLV Y	0.	0.
117	117	130	~TorsionSISMA SLV Y	0.	0.
117	117	55	~TorsionSISMA SLD X	0.	0.
117	117	58	~TorsionSISMA SLD X	0.	0.
117	117	125	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
117	117	130	~TorsionSISMA SLD X	0.	0.
117	117	55	~TorsionSISMA SLD Y	0.	0.
117	117	58	~TorsionSISMA SLD Y	0.	0.
117	117	125	~TorsionSISMA SLD Y	0.	0.
117	117	130	~TorsionSISMA SLD Y	0.	0.
117	117	55	~TorsionSISMA SLO X	0.	0.
117	117	58	~TorsionSISMA SLO X	0.	0.
117	117	125	~TorsionSISMA SLO X	0.	0.
117	117	130	~TorsionSISMA SLO X	0.	0.
117	117	55	~TorsionSISMA SLO Y	0.	0.
117	117	58	~TorsionSISMA SLO Y	0.	0.
117	117	125	~TorsionSISMA SLO Y	0.	0.
117	117	130	~TorsionSISMA SLO Y	0.	0.
118	118	175	G1_K	3.323E-03	1.89
118	118	178	G1_K	3.323E-03	1.89
118	118	59	G1_K	3.323E-03	1.89
118	118	56	G1_K	3.323E-03	1.89
118	118	175	G2_K	-0.17	-64.47
118	118	178	G2_K	-0.17	-64.47
118	118	59	G2_K	-0.17	-64.47
118	118	56	G2_K	-0.17	-64.47
118	118	175	Q_K	-1.484E-03	1.05
118	118	178	Q_K	-1.484E-03	1.05
118	118	59	Q_K	-1.484E-03	1.05
118	118	56	Q_K	-1.484E-03	1.05
118	118	175	N_K	-1.781E-04	0.13
118	118	178	N_K	-1.781E-04	0.13
118	118	59	N_K	-1.781E-04	0.13
118	118	56	N_K	-1.781E-04	0.13
118	118	175	T+_K	0.	0.
118	118	178	T+_K	0.	0.
118	118	59	T+_K	0.	0.
118	118	56	T+_K	0.	0.
118	118	175	T-_K	0.	0.
118	118	178	T-_K	0.	0.
118	118	59	T-_K	0.	0.
118	118	56	T-_K	0.	0.
118	118	175	G1_D	4.320E-03	2.46
118	118	178	G1_D	4.320E-03	2.46
118	118	59	G1_D	4.320E-03	2.46
118	118	56	G1_D	4.320E-03	2.46
118	118	175	G2_D	-0.22	-83.81
118	118	178	G2_D	-0.22	-83.81
118	118	59	G2_D	-0.22	-83.81

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
118	118	56	G2_D	-0.22	-83.81
118	118	175	Q_D	-2.227E-03	1.57
118	118	178	Q_D	-2.227E-03	1.57
118	118	59	Q_D	-2.227E-03	1.57
118	118	56	Q_D	-2.227E-03	1.57
118	118	175	N_D	-2.672E-04	0.19
118	118	178	N_D	-2.672E-04	0.19
118	118	59	N_D	-2.672E-04	0.19
118	118	56	N_D	-2.672E-04	0.19
118	118	175	T+_D	0.	0.
118	118	178	T+_D	0.	0.
118	118	59	T+_D	0.	0.
118	118	56	T+_D	0.	0.
118	118	175	T-_D	0.	0.
118	118	178	T-_D	0.	0.
118	118	59	T-_D	0.	0.
118	118	56	T-_D	0.	0.
118	118	175	W+_K	0.	0.
118	118	178	W+_K	0.	0.
118	118	59	W+_K	0.	0.
118	118	56	W+_K	0.	0.
118	118	175	W-_K	0.	0.
118	118	178	W-_K	0.	0.
118	118	59	W-_K	0.	0.
118	118	56	W-_K	0.	0.
118	118	175	W+_D	0.	0.
118	118	178	W+_D	0.	0.
118	118	59	W+_D	0.	0.
118	118	56	W+_D	0.	0.
118	118	175	W-_D	0.	0.
118	118	178	W-_D	0.	0.
118	118	59	W-_D	0.	0.
118	118	56	W-_D	0.	0.
118	118	175	SISMA SLV X	2.966E-02	3.86
118	118	178	SISMA SLV X	2.966E-02	3.86
118	118	59	SISMA SLV X	2.966E-02	3.86
118	118	56	SISMA SLV X	2.966E-02	3.86
118	118	175	SISMA SLV Y	4.865E-02	1.99
118	118	178	SISMA SLV Y	4.865E-02	1.99
118	118	59	SISMA SLV Y	4.865E-02	1.99
118	118	56	SISMA SLV Y	4.865E-02	1.99
118	118	175	SISMA SLD X	1.448E-02	1.89
118	118	178	SISMA SLD X	1.448E-02	1.89
118	118	59	SISMA SLD X	1.448E-02	1.89
118	118	56	SISMA SLD X	1.448E-02	1.89
118	118	175	SISMA SLD Y	2.376E-02	0.97
118	118	178	SISMA SLD Y	2.376E-02	0.97
118	118	59	SISMA SLD Y	2.376E-02	0.97
118	118	56	SISMA SLD Y	2.376E-02	0.97
118	118	175	SISMA SLO X	1.197E-02	1.56
118	118	178	SISMA SLO X	1.197E-02	1.56
118	118	59	SISMA SLO X	1.197E-02	1.56
118	118	56	SISMA SLO X	1.197E-02	1.56
118	118	175	SISMA SLO Y	1.967E-02	0.81

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
118	118	178	SISMA SLO Y	1.967E-02	0.81
118	118	59	SISMA SLO Y	1.967E-02	0.81
118	118	56	SISMA SLO Y	1.967E-02	0.81
118	118	175	SLT	0.	0.
118	118	178	SLT	0.	0.
118	118	59	SLT	0.	0.
118	118	56	SLT	0.	0.
118	118	175	~TorsionSISMA SLV X	0.	0.
118	118	178	~TorsionSISMA SLV X	0.	0.
118	118	59	~TorsionSISMA SLV X	0.	0.
118	118	56	~TorsionSISMA SLV X	0.	0.
118	118	175	~TorsionSISMA SLV Y	0.	0.
118	118	178	~TorsionSISMA SLV Y	0.	0.
118	118	59	~TorsionSISMA SLV Y	0.	0.
118	118	56	~TorsionSISMA SLV Y	0.	0.
118	118	175	~TorsionSISMA SLD X	0.	0.
118	118	178	~TorsionSISMA SLD X	0.	0.
118	118	59	~TorsionSISMA SLD X	0.	0.
118	118	56	~TorsionSISMA SLD X	0.	0.
118	118	175	~TorsionSISMA SLD Y	0.	0.
118	118	178	~TorsionSISMA SLD Y	0.	0.
118	118	59	~TorsionSISMA SLD Y	0.	0.
118	118	56	~TorsionSISMA SLD Y	0.	0.
118	118	175	~TorsionSISMA SLO X	0.	0.
118	118	178	~TorsionSISMA SLO X	0.	0.
118	118	59	~TorsionSISMA SLO X	0.	0.
118	118	56	~TorsionSISMA SLO X	0.	0.
118	118	175	~TorsionSISMA SLO Y	0.	0.
118	118	178	~TorsionSISMA SLO Y	0.	0.
118	118	59	~TorsionSISMA SLO Y	0.	0.
118	118	56	~TorsionSISMA SLO Y	0.	0.
119	119	56	G1_K	-0.14	1.93
119	119	59	G1_K	-0.14	1.93
119	119	179	G1_K	-0.14	1.93
119	119	176	G1_K	-0.14	1.93

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
119	119	56	G2_K	3.63	-31.24
119	119	59	G2_K	3.63	-31.24
119	119	179	G2_K	3.63	-31.24
119	119	176	G2_K	3.63	-31.24
119	119	56	Q_K	-0.13	1.12
119	119	59	Q_K	-0.13	1.12
119	119	179	Q_K	-0.13	1.12
119	119	176	Q_K	-0.13	1.12
119	119	56	N_K	-1.559E-02	0.13
119	119	59	N_K	-1.559E-02	0.13
119	119	179	N_K	-1.559E-02	0.13
119	119	176	N_K	-1.559E-02	0.13
119	119	56	T+_K	0.	0.
119	119	59	T+_K	0.	0.
119	119	179	T+_K	0.	0.
119	119	176	T+_K	0.	0.
119	119	56	T-_K	0.	0.
119	119	59	T-_K	0.	0.
119	119	179	T-_K	0.	0.
119	119	176	T-_K	0.	0.
119	119	56	G1_D	-0.18	2.51
119	119	59	G1_D	-0.18	2.51
119	119	179	G1_D	-0.18	2.51
119	119	176	G1_D	-0.18	2.51
119	119	56	G2_D	4.72	-40.62
119	119	59	G2_D	4.72	-40.62
119	119	179	G2_D	4.72	-40.62
119	119	176	G2_D	4.72	-40.62
119	119	56	Q_D	-0.19	1.68
119	119	59	Q_D	-0.19	1.68
119	119	179	Q_D	-0.19	1.68
119	119	176	Q_D	-0.19	1.68
119	119	56	N_D	-2.338E-02	0.2
119	119	59	N_D	-2.338E-02	0.2
119	119	179	N_D	-2.338E-02	0.2
119	119	176	N_D	-2.338E-02	0.2
119	119	56	T+_D	0.	0.
119	119	59	T+_D	0.	0.
119	119	179	T+_D	0.	0.
119	119	176	T+_D	0.	0.
119	119	56	T-_D	0.	0.
119	119	59	T-_D	0.	0.
119	119	179	T-_D	0.	0.
119	119	176	T-_D	0.	0.
119	119	56	W+_K	0.	0.
119	119	59	W+_K	0.	0.
119	119	179	W+_K	0.	0.
119	119	176	W+_K	0.	0.
119	119	56	W-_K	0.	0.
119	119	59	W-_K	0.	0.
119	119	179	W-_K	0.	0.
119	119	176	W-_K	0.	0.
119	119	56	W+_D	0.	0.
119	119	59	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
119	119	179	W+_D	0.	0.
119	119	176	W+_D	0.	0.
119	119	56	W-_D	0.	0.
119	119	59	W-_D	0.	0.
119	119	179	W-_D	0.	0.
119	119	176	W-_D	0.	0.
119	119	56	SISMA SLV X	0.33	3.32
119	119	59	SISMA SLV X	0.33	3.32
119	119	179	SISMA SLV X	0.33	3.32
119	119	176	SISMA SLV X	0.33	3.32
119	119	56	SISMA SLV Y	0.21	1.74
119	119	59	SISMA SLV Y	0.21	1.74
119	119	179	SISMA SLV Y	0.21	1.74
119	119	176	SISMA SLV Y	0.21	1.74
119	119	56	SISMA SLD X	0.16	1.62
119	119	59	SISMA SLD X	0.16	1.62
119	119	179	SISMA SLD X	0.16	1.62
119	119	176	SISMA SLD X	0.16	1.62
119	119	56	SISMA SLD Y	0.1	0.85
119	119	59	SISMA SLD Y	0.1	0.85
119	119	179	SISMA SLD Y	0.1	0.85
119	119	176	SISMA SLD Y	0.1	0.85
119	119	56	SISMA SLO X	0.14	1.34
119	119	59	SISMA SLO X	0.14	1.34
119	119	179	SISMA SLO X	0.14	1.34
119	119	176	SISMA SLO X	0.14	1.34
119	119	56	SISMA SLO Y	8.513E-02	0.71
119	119	59	SISMA SLO Y	8.513E-02	0.71
119	119	179	SISMA SLO Y	8.513E-02	0.71
119	119	176	SISMA SLO Y	8.513E-02	0.71
119	119	56	SLT	0.	0.
119	119	59	SLT	0.	0.
119	119	179	SLT	0.	0.
119	119	176	SLT	0.	0.
119	119	56	~TorsionSISMA SLV X	0.	0.
119	119	59	~TorsionSISMA SLV X	0.	0.
119	119	179	~TorsionSISMA SLV X	0.	0.
119	119	176	~TorsionSISMA SLV X	0.	0.
119	119	56	~TorsionSISMA SLV Y	0.	0.
119	119	59	~TorsionSISMA SLV Y	0.	0.
119	119	179	~TorsionSISMA SLV Y	0.	0.
119	119	176	~TorsionSISMA SLV Y	0.	0.
119	119	56	~TorsionSISMA SLD X	0.	0.
119	119	59	~TorsionSISMA SLD X	0.	0.
119	119	179	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
119	119	176	~TorsionSISMA SLD X	0.	0.
119	119	56	~TorsionSISMA SLD Y	0.	0.
119	119	59	~TorsionSISMA SLD Y	0.	0.
119	119	179	~TorsionSISMA SLD Y	0.	0.
119	119	176	~TorsionSISMA SLD Y	0.	0.
119	119	56	~TorsionSISMA SLO X	0.	0.
119	119	59	~TorsionSISMA SLO X	0.	0.
119	119	179	~TorsionSISMA SLO X	0.	0.
119	119	176	~TorsionSISMA SLO X	0.	0.
119	119	56	~TorsionSISMA SLO Y	0.	0.
119	119	59	~TorsionSISMA SLO Y	0.	0.
119	119	179	~TorsionSISMA SLO Y	0.	0.
119	119	176	~TorsionSISMA SLO Y	0.	0.
120	120	176	G1_K	-0.37	2.23
120	120	179	G1_K	-0.37	2.23
120	120	60	G1_K	-0.37	2.23
120	120	57	G1_K	-0.37	2.23
120	120	176	G2_K	5.35	-7.16
120	120	179	G2_K	5.35	-7.16
120	120	60	G2_K	5.35	-7.16
120	120	57	G2_K	5.35	-7.16
120	120	176	Q_K	-0.27	1.36
120	120	179	Q_K	-0.27	1.36
120	120	60	Q_K	-0.27	1.36
120	120	57	Q_K	-0.27	1.36
120	120	176	N_K	-3.271E-02	0.16
120	120	179	N_K	-3.271E-02	0.16
120	120	60	N_K	-3.271E-02	0.16
120	120	57	N_K	-3.271E-02	0.16
120	120	176	T+_K	0.	0.
120	120	179	T+_K	0.	0.
120	120	60	T+_K	0.	0.
120	120	57	T+_K	0.	0.
120	120	176	T-_K	0.	0.
120	120	179	T-_K	0.	0.
120	120	60	T-_K	0.	0.
120	120	57	T-_K	0.	0.
120	120	176	G1_D	-0.48	2.89
120	120	179	G1_D	-0.48	2.89
120	120	60	G1_D	-0.48	2.89
120	120	57	G1_D	-0.48	2.89
120	120	176	G2_D	6.96	-9.31
120	120	179	G2_D	6.96	-9.31
120	120	60	G2_D	6.96	-9.31

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
120	120	57	G2_D	6.96	-9.31
120	120	176	Q_D	-0.41	2.04
120	120	179	Q_D	-0.41	2.04
120	120	60	Q_D	-0.41	2.04
120	120	57	Q_D	-0.41	2.04
120	120	176	N_D	-4.907E-02	0.24
120	120	179	N_D	-4.907E-02	0.24
120	120	60	N_D	-4.907E-02	0.24
120	120	57	N_D	-4.907E-02	0.24
120	120	176	T+_D	0.	0.
120	120	179	T+_D	0.	0.
120	120	60	T+_D	0.	0.
120	120	57	T+_D	0.	0.
120	120	176	T-_D	0.	0.
120	120	179	T-_D	0.	0.
120	120	60	T-_D	0.	0.
120	120	57	T-_D	0.	0.
120	120	176	W+_K	0.	0.
120	120	179	W+_K	0.	0.
120	120	60	W+_K	0.	0.
120	120	57	W+_K	0.	0.
120	120	176	W-_K	0.	0.
120	120	179	W-_K	0.	0.
120	120	60	W-_K	0.	0.
120	120	57	W-_K	0.	0.
120	120	176	W+_D	0.	0.
120	120	179	W+_D	0.	0.
120	120	60	W+_D	0.	0.
120	120	57	W+_D	0.	0.
120	120	176	W-_D	0.	0.
120	120	179	W-_D	0.	0.
120	120	60	W-_D	0.	0.
120	120	57	W-_D	0.	0.
120	120	176	SISMA SLV X	0.63	2.37
120	120	179	SISMA SLV X	0.63	2.37
120	120	60	SISMA SLV X	0.63	2.37
120	120	57	SISMA SLV X	0.63	2.37
120	120	176	SISMA SLV Y	0.39	1.24
120	120	179	SISMA SLV Y	0.39	1.24
120	120	60	SISMA SLV Y	0.39	1.24
120	120	57	SISMA SLV Y	0.39	1.24
120	120	176	SISMA SLD X	0.31	1.16
120	120	179	SISMA SLD X	0.31	1.16
120	120	60	SISMA SLD X	0.31	1.16
120	120	57	SISMA SLD X	0.31	1.16
120	120	176	SISMA SLD Y	0.19	0.61
120	120	179	SISMA SLD Y	0.19	0.61
120	120	60	SISMA SLD Y	0.19	0.61
120	120	57	SISMA SLD Y	0.19	0.61
120	120	176	SISMA SLO X	0.25	0.96
120	120	179	SISMA SLO X	0.25	0.96
120	120	60	SISMA SLO X	0.25	0.96
120	120	57	SISMA SLO X	0.25	0.96
120	120	176	SISMA SLO Y	0.16	0.5

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
120	120	179	SISMA SLO Y	0.16	0.5
120	120	60	SISMA SLO Y	0.16	0.5
120	120	57	SISMA SLO Y	0.16	0.5
120	120	176	SLT	0.	0.
120	120	179	SLT	0.	0.
120	120	60	SLT	0.	0.
120	120	57	SLT	0.	0.
120	120	176	~TorsionSISMA SLV X	0.	0.
120	120	179	~TorsionSISMA SLV X	0.	0.
120	120	60	~TorsionSISMA SLV X	0.	0.
120	120	57	~TorsionSISMA SLV X	0.	0.
120	120	176	~TorsionSISMA SLV Y	0.	0.
120	120	179	~TorsionSISMA SLV Y	0.	0.
120	120	60	~TorsionSISMA SLV Y	0.	0.
120	120	57	~TorsionSISMA SLV Y	0.	0.
120	120	176	~TorsionSISMA SLD X	0.	0.
120	120	179	~TorsionSISMA SLD X	0.	0.
120	120	60	~TorsionSISMA SLD X	0.	0.
120	120	57	~TorsionSISMA SLD X	0.	0.
120	120	176	~TorsionSISMA SLD Y	0.	0.
120	120	179	~TorsionSISMA SLD Y	0.	0.
120	120	60	~TorsionSISMA SLD Y	0.	0.
120	120	57	~TorsionSISMA SLD Y	0.	0.
120	120	176	~TorsionSISMA SLO X	0.	0.
120	120	179	~TorsionSISMA SLO X	0.	0.
120	120	60	~TorsionSISMA SLO X	0.	0.
120	120	57	~TorsionSISMA SLO X	0.	0.
120	120	176	~TorsionSISMA SLO Y	0.	0.
120	120	179	~TorsionSISMA SLO Y	0.	0.
120	120	60	~TorsionSISMA SLO Y	0.	0.
120	120	57	~TorsionSISMA SLO Y	0.	0.
121	121	57	G1_K	-0.56	2.69
121	121	60	G1_K	-0.56	2.69
121	121	180	G1_K	-0.56	2.69
121	121	177	G1_K	-0.56	2.69

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
121	121	57	G2_K	5.22	10.09
121	121	60	G2_K	5.22	10.09
121	121	180	G2_K	5.22	10.09
121	121	177	G2_K	5.22	10.09
121	121	57	Q_K	-0.38	1.69
121	121	60	Q_K	-0.38	1.69
121	121	180	Q_K	-0.38	1.69
121	121	177	Q_K	-0.38	1.69
121	121	57	N_K	-4.574E-02	0.2
121	121	60	N_K	-4.574E-02	0.2
121	121	180	N_K	-4.574E-02	0.2
121	121	177	N_K	-4.574E-02	0.2
121	121	57	T+_K	0.	0.
121	121	60	T+_K	0.	0.
121	121	180	T+_K	0.	0.
121	121	177	T+_K	0.	0.
121	121	57	T-_K	0.	0.
121	121	60	T-_K	0.	0.
121	121	180	T-_K	0.	0.
121	121	177	T-_K	0.	0.
121	121	57	G1_D	-0.72	3.5
121	121	60	G1_D	-0.72	3.5
121	121	180	G1_D	-0.72	3.5
121	121	177	G1_D	-0.72	3.5
121	121	57	G2_D	6.79	13.12
121	121	60	G2_D	6.79	13.12
121	121	180	G2_D	6.79	13.12
121	121	177	G2_D	6.79	13.12
121	121	57	Q_D	-0.57	2.54
121	121	60	Q_D	-0.57	2.54
121	121	180	Q_D	-0.57	2.54
121	121	177	Q_D	-0.57	2.54
121	121	57	N_D	-6.861E-02	0.3
121	121	60	N_D	-6.861E-02	0.3
121	121	180	N_D	-6.861E-02	0.3
121	121	177	N_D	-6.861E-02	0.3
121	121	57	T+_D	0.	0.
121	121	60	T+_D	0.	0.
121	121	180	T+_D	0.	0.
121	121	177	T+_D	0.	0.
121	121	57	T-_D	0.	0.
121	121	60	T-_D	0.	0.
121	121	180	T-_D	0.	0.
121	121	177	T-_D	0.	0.
121	121	57	W+_K	0.	0.
121	121	60	W+_K	0.	0.
121	121	180	W+_K	0.	0.
121	121	177	W+_K	0.	0.
121	121	57	W-_K	0.	0.
121	121	60	W-_K	0.	0.
121	121	180	W-_K	0.	0.
121	121	177	W-_K	0.	0.
121	121	57	W+_D	0.	0.
121	121	60	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
121	121	180	W+_D	0.	0.
121	121	177	W+_D	0.	0.
121	121	57	W-_D	0.	0.
121	121	60	W-_D	0.	0.
121	121	180	W-_D	0.	0.
121	121	177	W-_D	0.	0.
121	121	57	SISMA SLV X	0.78	0.97
121	121	60	SISMA SLV X	0.78	0.97
121	121	180	SISMA SLV X	0.78	0.97
121	121	177	SISMA SLV X	0.78	0.97
121	121	57	SISMA SLV Y	0.51	0.49
121	121	60	SISMA SLV Y	0.51	0.49
121	121	180	SISMA SLV Y	0.51	0.49
121	121	177	SISMA SLV Y	0.51	0.49
121	121	57	SISMA SLD X	0.38	0.48
121	121	60	SISMA SLD X	0.38	0.48
121	121	180	SISMA SLD X	0.38	0.48
121	121	177	SISMA SLD X	0.38	0.48
121	121	57	SISMA SLD Y	0.25	0.24
121	121	60	SISMA SLD Y	0.25	0.24
121	121	180	SISMA SLD Y	0.25	0.24
121	121	177	SISMA SLD Y	0.25	0.24
121	121	57	SISMA SLO X	0.32	0.39
121	121	60	SISMA SLO X	0.32	0.39
121	121	180	SISMA SLO X	0.32	0.39
121	121	177	SISMA SLO X	0.32	0.39
121	121	57	SISMA SLO Y	0.21	0.2
121	121	60	SISMA SLO Y	0.21	0.2
121	121	180	SISMA SLO Y	0.21	0.2
121	121	177	SISMA SLO Y	0.21	0.2
121	121	57	SLT	0.	0.
121	121	60	SLT	0.	0.
121	121	180	SLT	0.	0.
121	121	177	SLT	0.	0.
121	121	57	~TorsionSISMA SLV X	0.	0.
121	121	60	~TorsionSISMA SLV X	0.	0.
121	121	180	~TorsionSISMA SLV X	0.	0.
121	121	177	~TorsionSISMA SLV X	0.	0.
121	121	57	~TorsionSISMA SLV Y	0.	0.
121	121	60	~TorsionSISMA SLV Y	0.	0.
121	121	180	~TorsionSISMA SLV Y	0.	0.
121	121	177	~TorsionSISMA SLV Y	0.	0.
121	121	57	~TorsionSISMA SLD X	0.	0.
121	121	60	~TorsionSISMA SLD X	0.	0.
121	121	180	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
121	121	177	~TorsionSISMA SLD X	0.	0.
121	121	57	~TorsionSISMA SLD Y	0.	0.
121	121	60	~TorsionSISMA SLD Y	0.	0.
121	121	180	~TorsionSISMA SLD Y	0.	0.
121	121	177	~TorsionSISMA SLD Y	0.	0.
121	121	57	~TorsionSISMA SLO X	0.	0.
121	121	60	~TorsionSISMA SLO X	0.	0.
121	121	180	~TorsionSISMA SLO X	0.	0.
121	121	177	~TorsionSISMA SLO X	0.	0.
121	121	57	~TorsionSISMA SLO Y	0.	0.
121	121	60	~TorsionSISMA SLO Y	0.	0.
121	121	180	~TorsionSISMA SLO Y	0.	0.
121	121	177	~TorsionSISMA SLO Y	0.	0.
122	122	177	G1_K	-0.89	3.51
122	122	180	G1_K	-0.89	3.51
122	122	61	G1_K	-0.89	3.51
122	122	58	G1_K	-0.89	3.51
122	122	177	G2_K	3.65	22.37
122	122	180	G2_K	3.65	22.37
122	122	61	G2_K	3.65	22.37
122	122	58	G2_K	3.65	22.37
122	122	177	Q_K	-0.59	2.24
122	122	180	Q_K	-0.59	2.24
122	122	61	Q_K	-0.59	2.24
122	122	58	Q_K	-0.59	2.24
122	122	177	N_K	-7.071E-02	0.27
122	122	180	N_K	-7.071E-02	0.27
122	122	61	N_K	-7.071E-02	0.27
122	122	58	N_K	-7.071E-02	0.27
122	122	177	T+_K	0.	0.
122	122	180	T+_K	0.	0.
122	122	61	T+_K	0.	0.
122	122	58	T+_K	0.	0.
122	122	177	T-_K	0.	0.
122	122	180	T-_K	0.	0.
122	122	61	T-_K	0.	0.
122	122	58	T-_K	0.	0.
122	122	177	G1_D	-1.15	4.56
122	122	180	G1_D	-1.15	4.56
122	122	61	G1_D	-1.15	4.56
122	122	58	G1_D	-1.15	4.56
122	122	177	G2_D	4.74	29.09
122	122	180	G2_D	4.74	29.09
122	122	61	G2_D	4.74	29.09

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
122	122	58	G2_D	4.74	29.09
122	122	177	Q_D	-0.88	3.36
122	122	180	Q_D	-0.88	3.36
122	122	61	Q_D	-0.88	3.36
122	122	58	Q_D	-0.88	3.36
122	122	177	N_D	-0.11	0.4
122	122	180	N_D	-0.11	0.4
122	122	61	N_D	-0.11	0.4
122	122	58	N_D	-0.11	0.4
122	122	177	T+_D	0.	0.
122	122	180	T+_D	0.	0.
122	122	61	T+_D	0.	0.
122	122	58	T+_D	0.	0.
122	122	177	T-_D	0.	0.
122	122	180	T-_D	0.	0.
122	122	61	T-_D	0.	0.
122	122	58	T-_D	0.	0.
122	122	177	W+_K	0.	0.
122	122	180	W+_K	0.	0.
122	122	61	W+_K	0.	0.
122	122	58	W+_K	0.	0.
122	122	177	W-_K	0.	0.
122	122	180	W-_K	0.	0.
122	122	61	W-_K	0.	0.
122	122	58	W-_K	0.	0.
122	122	177	W+_D	0.	0.
122	122	180	W+_D	0.	0.
122	122	61	W+_D	0.	0.
122	122	58	W+_D	0.	0.
122	122	177	W-_D	0.	0.
122	122	180	W-_D	0.	0.
122	122	61	W-_D	0.	0.
122	122	58	W-_D	0.	0.
122	122	177	SISMA SLV X	0.69	1.09
122	122	180	SISMA SLV X	0.69	1.09
122	122	61	SISMA SLV X	0.69	1.09
122	122	58	SISMA SLV X	0.69	1.09
122	122	177	SISMA SLV Y	0.55	0.55
122	122	180	SISMA SLV Y	0.55	0.55
122	122	61	SISMA SLV Y	0.55	0.55
122	122	58	SISMA SLV Y	0.55	0.55
122	122	177	SISMA SLD X	0.34	0.53
122	122	180	SISMA SLD X	0.34	0.53
122	122	61	SISMA SLD X	0.34	0.53
122	122	58	SISMA SLD X	0.34	0.53
122	122	177	SISMA SLD Y	0.27	0.27
122	122	180	SISMA SLD Y	0.27	0.27
122	122	61	SISMA SLD Y	0.27	0.27
122	122	58	SISMA SLD Y	0.27	0.27
122	122	177	SISMA SLO X	0.28	0.44
122	122	180	SISMA SLO X	0.28	0.44
122	122	61	SISMA SLO X	0.28	0.44
122	122	58	SISMA SLO X	0.28	0.44
122	122	177	SISMA SLO Y	0.22	0.22

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
122	122	180	SISMA SLO Y	0.22	0.22
122	122	61	SISMA SLO Y	0.22	0.22
122	122	58	SISMA SLO Y	0.22	0.22
122	122	177	SLT	0.	0.
122	122	180	SLT	0.	0.
122	122	61	SLT	0.	0.
122	122	58	SLT	0.	0.
122	122	177	~TorsionSISMA SLV X	0.	0.
122	122	180	~TorsionSISMA SLV X	0.	0.
122	122	61	~TorsionSISMA SLV X	0.	0.
122	122	58	~TorsionSISMA SLV X	0.	0.
122	122	177	~TorsionSISMA SLV Y	0.	0.
122	122	180	~TorsionSISMA SLV Y	0.	0.
122	122	61	~TorsionSISMA SLV Y	0.	0.
122	122	58	~TorsionSISMA SLV Y	0.	0.
122	122	177	~TorsionSISMA SLD X	0.	0.
122	122	180	~TorsionSISMA SLD X	0.	0.
122	122	61	~TorsionSISMA SLD X	0.	0.
122	122	58	~TorsionSISMA SLD X	0.	0.
122	122	177	~TorsionSISMA SLD Y	0.	0.
122	122	180	~TorsionSISMA SLD Y	0.	0.
122	122	61	~TorsionSISMA SLD Y	0.	0.
122	122	58	~TorsionSISMA SLD Y	0.	0.
122	122	177	~TorsionSISMA SLO X	0.	0.
122	122	180	~TorsionSISMA SLO X	0.	0.
122	122	61	~TorsionSISMA SLO X	0.	0.
122	122	58	~TorsionSISMA SLO X	0.	0.
122	122	177	~TorsionSISMA SLO Y	0.	0.
122	122	180	~TorsionSISMA SLO Y	0.	0.
122	122	61	~TorsionSISMA SLO Y	0.	0.
122	122	58	~TorsionSISMA SLO Y	0.	0.
123	123	58	G1_K	-1.34	4.23
123	123	61	G1_K	-1.34	4.23
123	123	120	G1_K	-1.34	4.23
123	123	125	G1_K	-1.34	4.23

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
123	123	58	G2_K	0.91	31.51
123	123	61	G2_K	0.91	31.51
123	123	120	G2_K	0.91	31.51
123	123	125	G2_K	0.91	31.51
123	123	58	Q_K	-0.87	2.72
123	123	61	Q_K	-0.87	2.72
123	123	120	Q_K	-0.87	2.72
123	123	125	Q_K	-0.87	2.72
123	123	58	N_K	-0.1	0.33
123	123	61	N_K	-0.1	0.33
123	123	120	N_K	-0.1	0.33
123	123	125	N_K	-0.1	0.33
123	123	58	T+_K	0.	0.
123	123	61	T+_K	0.	0.
123	123	120	T+_K	0.	0.
123	123	125	T+_K	0.	0.
123	123	58	T-_K	0.	0.
123	123	61	T-_K	0.	0.
123	123	120	T-_K	0.	0.
123	123	125	T-_K	0.	0.
123	123	58	G1_D	-1.75	5.5
123	123	61	G1_D	-1.75	5.5
123	123	120	G1_D	-1.75	5.5
123	123	125	G1_D	-1.75	5.5
123	123	58	G2_D	1.18	40.96
123	123	61	G2_D	1.18	40.96
123	123	120	G2_D	1.18	40.96
123	123	125	G2_D	1.18	40.96
123	123	58	Q_D	-1.31	4.08
123	123	61	Q_D	-1.31	4.08
123	123	120	Q_D	-1.31	4.08
123	123	125	Q_D	-1.31	4.08
123	123	58	N_D	-0.16	0.49
123	123	61	N_D	-0.16	0.49
123	123	120	N_D	-0.16	0.49
123	123	125	N_D	-0.16	0.49
123	123	58	T+_D	0.	0.
123	123	61	T+_D	0.	0.
123	123	120	T+_D	0.	0.
123	123	125	T+_D	0.	0.
123	123	58	T-_D	0.	0.
123	123	61	T-_D	0.	0.
123	123	120	T-_D	0.	0.
123	123	125	T-_D	0.	0.
123	123	58	W+_K	0.	0.
123	123	61	W+_K	0.	0.
123	123	120	W+_K	0.	0.
123	123	125	W+_K	0.	0.
123	123	58	W-_K	0.	0.
123	123	61	W-_K	0.	0.
123	123	120	W-_K	0.	0.
123	123	125	W-_K	0.	0.
123	123	58	W+_D	0.	0.
123	123	61	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
123	123	120	W+_D	0.	0.
123	123	125	W+_D	0.	0.
123	123	58	W-_D	0.	0.
123	123	61	W-_D	0.	0.
123	123	120	W-_D	0.	0.
123	123	125	W-_D	0.	0.
123	123	58	SISMA SLV X	0.39	3.04
123	123	61	SISMA SLV X	0.39	3.04
123	123	120	SISMA SLV X	0.39	3.04
123	123	125	SISMA SLV X	0.39	3.04
123	123	58	SISMA SLV Y	0.56	1.51
123	123	61	SISMA SLV Y	0.56	1.51
123	123	120	SISMA SLV Y	0.56	1.51
123	123	125	SISMA SLV Y	0.56	1.51
123	123	58	SISMA SLD X	0.19	1.48
123	123	61	SISMA SLD X	0.19	1.48
123	123	120	SISMA SLD X	0.19	1.48
123	123	125	SISMA SLD X	0.19	1.48
123	123	58	SISMA SLD Y	0.27	0.74
123	123	61	SISMA SLD Y	0.27	0.74
123	123	120	SISMA SLD Y	0.27	0.74
123	123	125	SISMA SLD Y	0.27	0.74
123	123	58	SISMA SLO X	0.16	1.23
123	123	61	SISMA SLO X	0.16	1.23
123	123	120	SISMA SLO X	0.16	1.23
123	123	125	SISMA SLO X	0.16	1.23
123	123	58	SISMA SLO Y	0.23	0.61
123	123	61	SISMA SLO Y	0.23	0.61
123	123	120	SISMA SLO Y	0.23	0.61
123	123	125	SISMA SLO Y	0.23	0.61
123	123	58	SLT	0.	0.
123	123	61	SLT	0.	0.
123	123	120	SLT	0.	0.
123	123	125	SLT	0.	0.
123	123	58	~TorsionSISMA SLV X	0.	0.
123	123	61	~TorsionSISMA SLV X	0.	0.
123	123	120	~TorsionSISMA SLV X	0.	0.
123	123	125	~TorsionSISMA SLV X	0.	0.
123	123	58	~TorsionSISMA SLV Y	0.	0.
123	123	61	~TorsionSISMA SLV Y	0.	0.
123	123	120	~TorsionSISMA SLV Y	0.	0.
123	123	125	~TorsionSISMA SLV Y	0.	0.
123	123	58	~TorsionSISMA SLD X	0.	0.
123	123	61	~TorsionSISMA SLD X	0.	0.
123	123	120	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
123	123	125	~TorsionSISMA SLD X	0.	0.
123	123	58	~TorsionSISMA SLD Y	0.	0.
123	123	61	~TorsionSISMA SLD Y	0.	0.
123	123	120	~TorsionSISMA SLD Y	0.	0.
123	123	125	~TorsionSISMA SLD Y	0.	0.
123	123	58	~TorsionSISMA SLO X	0.	0.
123	123	61	~TorsionSISMA SLO X	0.	0.
123	123	120	~TorsionSISMA SLO X	0.	0.
123	123	125	~TorsionSISMA SLO X	0.	0.
123	123	58	~TorsionSISMA SLO Y	0.	0.
123	123	61	~TorsionSISMA SLO Y	0.	0.
123	123	120	~TorsionSISMA SLO Y	0.	0.
123	123	125	~TorsionSISMA SLO Y	0.	0.
124	124	178	G1_K	0.1	1.9
124	124	100	G1_K	0.1	1.9
124	124	30	G1_K	0.1	1.9
124	124	59	G1_K	0.1	1.9
124	124	178	G2_K	4.11	-34.22
124	124	100	G2_K	4.11	-34.22
124	124	30	G2_K	4.11	-34.22
124	124	59	G2_K	4.11	-34.22
124	124	178	Q_K	-4.307E-02	0.53
124	124	100	Q_K	-4.307E-02	0.53
124	124	30	Q_K	-4.307E-02	0.53
124	124	59	Q_K	-4.307E-02	0.53
124	124	178	N_K	-5.168E-03	6.381E-02
124	124	100	N_K	-5.168E-03	6.381E-02
124	124	30	N_K	-5.168E-03	6.381E-02
124	124	59	N_K	-5.168E-03	6.381E-02
124	124	178	T+_K	0.	0.
124	124	100	T+_K	0.	0.
124	124	30	T+_K	0.	0.
124	124	59	T+_K	0.	0.
124	124	178	T-_K	0.	0.
124	124	100	T-_K	0.	0.
124	124	30	T-_K	0.	0.
124	124	59	T-_K	0.	0.
124	124	178	G1_D	0.13	2.48
124	124	100	G1_D	0.13	2.48
124	124	30	G1_D	0.13	2.48
124	124	59	G1_D	0.13	2.48
124	124	178	G2_D	5.35	-44.49
124	124	100	G2_D	5.35	-44.49
124	124	30	G2_D	5.35	-44.49

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
124	124	59	G2_D	5.35	-44.49
124	124	178	Q_D	-6.460E-02	0.8
124	124	100	Q_D	-6.460E-02	0.8
124	124	30	Q_D	-6.460E-02	0.8
124	124	59	Q_D	-6.460E-02	0.8
124	124	178	N_D	-7.752E-03	9.571E-02
124	124	100	N_D	-7.752E-03	9.571E-02
124	124	30	N_D	-7.752E-03	9.571E-02
124	124	59	N_D	-7.752E-03	9.571E-02
124	124	178	T+_D	0.	0.
124	124	100	T+_D	0.	0.
124	124	30	T+_D	0.	0.
124	124	59	T+_D	0.	0.
124	124	178	T-_D	0.	0.
124	124	100	T-_D	0.	0.
124	124	30	T-_D	0.	0.
124	124	59	T-_D	0.	0.
124	124	178	W+_K	0.	0.
124	124	100	W+_K	0.	0.
124	124	30	W+_K	0.	0.
124	124	59	W+_K	0.	0.
124	124	178	W-_K	0.	0.
124	124	100	W-_K	0.	0.
124	124	30	W-_K	0.	0.
124	124	59	W-_K	0.	0.
124	124	178	W+_D	0.	0.
124	124	100	W+_D	0.	0.
124	124	30	W+_D	0.	0.
124	124	59	W+_D	0.	0.
124	124	178	W-_D	0.	0.
124	124	100	W-_D	0.	0.
124	124	30	W-_D	0.	0.
124	124	59	W-_D	0.	0.
124	124	178	SISMA SLV X	0.13	3.35
124	124	100	SISMA SLV X	0.13	3.35
124	124	30	SISMA SLV X	0.13	3.35
124	124	59	SISMA SLV X	0.13	3.35
124	124	178	SISMA SLV Y	0.11	1.92
124	124	100	SISMA SLV Y	0.11	1.92
124	124	30	SISMA SLV Y	0.11	1.92
124	124	59	SISMA SLV Y	0.11	1.92
124	124	178	SISMA SLD X	6.304E-02	1.63
124	124	100	SISMA SLD X	6.304E-02	1.63
124	124	30	SISMA SLD X	6.304E-02	1.63
124	124	59	SISMA SLD X	6.304E-02	1.63
124	124	178	SISMA SLD Y	5.188E-02	0.94
124	124	100	SISMA SLD Y	5.188E-02	0.94
124	124	30	SISMA SLD Y	5.188E-02	0.94
124	124	59	SISMA SLD Y	5.188E-02	0.94
124	124	178	SISMA SLO X	5.216E-02	1.35
124	124	100	SISMA SLO X	5.216E-02	1.35
124	124	30	SISMA SLO X	5.216E-02	1.35
124	124	59	SISMA SLO X	5.216E-02	1.35
124	124	178	SISMA SLO Y	4.295E-02	0.77

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
124	124	100	SISMA SLO Y	4.295E-02	0.77
124	124	30	SISMA SLO Y	4.295E-02	0.77
124	124	59	SISMA SLO Y	4.295E-02	0.77
124	124	178	SLT	0.	0.
124	124	100	SLT	0.	0.
124	124	30	SLT	0.	0.
124	124	59	SLT	0.	0.
124	124	178	~TorsionSISMA SLV X	0.	0.
124	124	100	~TorsionSISMA SLV X	0.	0.
124	124	30	~TorsionSISMA SLV X	0.	0.
124	124	59	~TorsionSISMA SLV X	0.	0.
124	124	178	~TorsionSISMA SLV Y	0.	0.
124	124	100	~TorsionSISMA SLV Y	0.	0.
124	124	30	~TorsionSISMA SLV Y	0.	0.
124	124	59	~TorsionSISMA SLV Y	0.	0.
124	124	178	~TorsionSISMA SLD X	0.	0.
124	124	100	~TorsionSISMA SLD X	0.	0.
124	124	30	~TorsionSISMA SLD X	0.	0.
124	124	59	~TorsionSISMA SLD X	0.	0.
124	124	178	~TorsionSISMA SLD Y	0.	0.
124	124	100	~TorsionSISMA SLD Y	0.	0.
124	124	30	~TorsionSISMA SLD Y	0.	0.
124	124	59	~TorsionSISMA SLD Y	0.	0.
124	124	178	~TorsionSISMA SLO X	0.	0.
124	124	100	~TorsionSISMA SLO X	0.	0.
124	124	30	~TorsionSISMA SLO X	0.	0.
124	124	59	~TorsionSISMA SLO X	0.	0.
124	124	178	~TorsionSISMA SLO Y	0.	0.
124	124	100	~TorsionSISMA SLO Y	0.	0.
124	124	30	~TorsionSISMA SLO Y	0.	0.
124	124	59	~TorsionSISMA SLO Y	0.	0.
125	125	59	G1_K	-0.2	1.989E-02
125	125	30	G1_K	-0.2	1.989E-02
125	125	163	G1_K	-0.2	1.989E-02
125	125	179	G1_K	-0.2	1.989E-02

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
125	125	59	G2_K	17.38	-11.88
125	125	30	G2_K	17.38	-11.88
125	125	163	G2_K	17.38	-11.88
125	125	179	G2_K	17.38	-11.88
125	125	59	Q_K	-0.34	2.762E-02
125	125	30	Q_K	-0.34	2.762E-02
125	125	163	Q_K	-0.34	2.762E-02
125	125	179	Q_K	-0.34	2.762E-02
125	125	59	N_K	-4.104E-02	3.315E-03
125	125	30	N_K	-4.104E-02	3.315E-03
125	125	163	N_K	-4.104E-02	3.315E-03
125	125	179	N_K	-4.104E-02	3.315E-03
125	125	59	T+_K	0.	0.
125	125	30	T+_K	0.	0.
125	125	163	T+_K	0.	0.
125	125	179	T+_K	0.	0.
125	125	59	T-_K	0.	0.
125	125	30	T-_K	0.	0.
125	125	163	T-_K	0.	0.
125	125	179	T-_K	0.	0.
125	125	59	G1_D	-0.26	2.586E-02
125	125	30	G1_D	-0.26	2.586E-02
125	125	163	G1_D	-0.26	2.586E-02
125	125	179	G1_D	-0.26	2.586E-02
125	125	59	G2_D	22.59	-15.44
125	125	30	G2_D	22.59	-15.44
125	125	163	G2_D	22.59	-15.44
125	125	179	G2_D	22.59	-15.44
125	125	59	Q_D	-0.51	4.143E-02
125	125	30	Q_D	-0.51	4.143E-02
125	125	163	Q_D	-0.51	4.143E-02
125	125	179	Q_D	-0.51	4.143E-02
125	125	59	N_D	-6.157E-02	4.972E-03
125	125	30	N_D	-6.157E-02	4.972E-03
125	125	163	N_D	-6.157E-02	4.972E-03
125	125	179	N_D	-6.157E-02	4.972E-03
125	125	59	T+_D	0.	0.
125	125	30	T+_D	0.	0.
125	125	163	T+_D	0.	0.
125	125	179	T+_D	0.	0.
125	125	59	T-_D	0.	0.
125	125	30	T-_D	0.	0.
125	125	163	T-_D	0.	0.
125	125	179	T-_D	0.	0.
125	125	59	W+_K	0.	0.
125	125	30	W+_K	0.	0.
125	125	163	W+_K	0.	0.
125	125	179	W+_K	0.	0.
125	125	59	W-_K	0.	0.
125	125	30	W-_K	0.	0.
125	125	163	W-_K	0.	0.
125	125	179	W-_K	0.	0.
125	125	59	W+_D	0.	0.
125	125	30	W+_D	0.	0.

9. Area results

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
125	125	163	W+_D	0.	0.
125	125	179	W+_D	0.	0.
125	125	59	W-_D	0.	0.
125	125	30	W-_D	0.	0.
125	125	163	W-_D	0.	0.
125	125	179	W-_D	0.	0.
125	125	59	SISMA SLV X	0.44	1.53
125	125	30	SISMA SLV X	0.44	1.53
125	125	163	SISMA SLV X	0.44	1.53
125	125	179	SISMA SLV X	0.44	1.53
125	125	59	SISMA SLV Y	0.2	1.36
125	125	30	SISMA SLV Y	0.2	1.36
125	125	163	SISMA SLV Y	0.2	1.36
125	125	179	SISMA SLV Y	0.2	1.36
125	125	59	SISMA SLD X	0.21	0.75
125	125	30	SISMA SLD X	0.21	0.75
125	125	163	SISMA SLD X	0.21	0.75
125	125	179	SISMA SLD X	0.21	0.75
125	125	59	SISMA SLD Y	9.574E-02	0.67
125	125	30	SISMA SLD Y	9.574E-02	0.67
125	125	163	SISMA SLD Y	9.574E-02	0.67
125	125	179	SISMA SLD Y	9.574E-02	0.67
125	125	59	SISMA SLO X	0.18	0.62
125	125	30	SISMA SLO X	0.18	0.62
125	125	163	SISMA SLO X	0.18	0.62
125	125	179	SISMA SLO X	0.18	0.62
125	125	59	SISMA SLO Y	7.924E-02	0.55
125	125	30	SISMA SLO Y	7.924E-02	0.55
125	125	163	SISMA SLO Y	7.924E-02	0.55
125	125	179	SISMA SLO Y	7.924E-02	0.55
125	125	59	SLT	0.	0.
125	125	30	SLT	0.	0.
125	125	163	SLT	0.	0.
125	125	179	SLT	0.	0.
125	125	59	~TorsionSISMA SLV X	0.	0.
125	125	30	~TorsionSISMA SLV X	0.	0.
125	125	163	~TorsionSISMA SLV X	0.	0.
125	125	179	~TorsionSISMA SLV X	0.	0.
125	125	59	~TorsionSISMA SLV Y	0.	0.
125	125	30	~TorsionSISMA SLV Y	0.	0.
125	125	163	~TorsionSISMA SLV Y	0.	0.
125	125	179	~TorsionSISMA SLV Y	0.	0.
125	125	59	~TorsionSISMA SLD X	0.	0.
125	125	30	~TorsionSISMA SLD X	0.	0.
125	125	163	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
125	125	179	~TorsionSISMA SLD X	0.	0.
125	125	59	~TorsionSISMA SLD Y	0.	0.
125	125	30	~TorsionSISMA SLD Y	0.	0.
125	125	163	~TorsionSISMA SLD Y	0.	0.
125	125	179	~TorsionSISMA SLD Y	0.	0.
125	125	59	~TorsionSISMA SLO X	0.	0.
125	125	30	~TorsionSISMA SLO X	0.	0.
125	125	163	~TorsionSISMA SLO X	0.	0.
125	125	179	~TorsionSISMA SLO X	0.	0.
125	125	59	~TorsionSISMA SLO Y	0.	0.
125	125	30	~TorsionSISMA SLO Y	0.	0.
125	125	163	~TorsionSISMA SLO Y	0.	0.
125	125	179	~TorsionSISMA SLO Y	0.	0.
126	126	179	G1_K	-1.07	0.17
126	126	163	G1_K	-1.07	0.17
126	126	32	G1_K	-1.07	0.17
126	126	60	G1_K	-1.07	0.17
126	126	179	G2_K	23.02	-2.24
126	126	163	G2_K	23.02	-2.24
126	126	32	G2_K	23.02	-2.24
126	126	60	G2_K	23.02	-2.24
126	126	179	Q_K	-0.81	0.14
126	126	163	Q_K	-0.81	0.14
126	126	32	Q_K	-0.81	0.14
126	126	60	Q_K	-0.81	0.14
126	126	179	N_K	-9.715E-02	1.679E-02
126	126	163	N_K	-9.715E-02	1.679E-02
126	126	32	N_K	-9.715E-02	1.679E-02
126	126	60	N_K	-9.715E-02	1.679E-02
126	126	179	T+_K	0.	0.
126	126	163	T+_K	0.	0.
126	126	32	T+_K	0.	0.
126	126	60	T+_K	0.	0.
126	126	179	T-_K	0.	0.
126	126	163	T-_K	0.	0.
126	126	32	T-_K	0.	0.
126	126	60	T-_K	0.	0.
126	126	179	G1_D	-1.39	0.22
126	126	163	G1_D	-1.39	0.22
126	126	32	G1_D	-1.39	0.22
126	126	60	G1_D	-1.39	0.22
126	126	179	G2_D	29.92	-2.91
126	126	163	G2_D	29.92	-2.91
126	126	32	G2_D	29.92	-2.91

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
126	126	60	G2_D	29.92	-2.91
126	126	179	Q_D	-1.21	0.21
126	126	163	Q_D	-1.21	0.21
126	126	32	Q_D	-1.21	0.21
126	126	60	Q_D	-1.21	0.21
126	126	179	N_D	-0.15	2.519E-02
126	126	163	N_D	-0.15	2.519E-02
126	126	32	N_D	-0.15	2.519E-02
126	126	60	N_D	-0.15	2.519E-02
126	126	179	T+_D	0.	0.
126	126	163	T+_D	0.	0.
126	126	32	T+_D	0.	0.
126	126	60	T+_D	0.	0.
126	126	179	T-_D	0.	0.
126	126	163	T-_D	0.	0.
126	126	32	T-_D	0.	0.
126	126	60	T-_D	0.	0.
126	126	179	W+_K	0.	0.
126	126	163	W+_K	0.	0.
126	126	32	W+_K	0.	0.
126	126	60	W+_K	0.	0.
126	126	179	W-_K	0.	0.
126	126	163	W-_K	0.	0.
126	126	32	W-_K	0.	0.
126	126	60	W-_K	0.	0.
126	126	179	W+_D	0.	0.
126	126	163	W+_D	0.	0.
126	126	32	W+_D	0.	0.
126	126	60	W+_D	0.	0.
126	126	179	W-_D	0.	0.
126	126	163	W-_D	0.	0.
126	126	32	W-_D	0.	0.
126	126	60	W-_D	0.	0.
126	126	179	SISMA SLV X	1.2	1.1
126	126	163	SISMA SLV X	1.2	1.1
126	126	32	SISMA SLV X	1.2	1.1
126	126	60	SISMA SLV X	1.2	1.1
126	126	179	SISMA SLV Y	0.52	1.17
126	126	163	SISMA SLV Y	0.52	1.17
126	126	32	SISMA SLV Y	0.52	1.17
126	126	60	SISMA SLV Y	0.52	1.17
126	126	179	SISMA SLD X	0.58	0.54
126	126	163	SISMA SLD X	0.58	0.54
126	126	32	SISMA SLD X	0.58	0.54
126	126	60	SISMA SLD X	0.58	0.54
126	126	179	SISMA SLD Y	0.26	0.57
126	126	163	SISMA SLD Y	0.26	0.57
126	126	32	SISMA SLD Y	0.26	0.57
126	126	60	SISMA SLD Y	0.26	0.57
126	126	179	SISMA SLO X	0.48	0.45
126	126	163	SISMA SLO X	0.48	0.45
126	126	32	SISMA SLO X	0.48	0.45
126	126	60	SISMA SLO X	0.48	0.45
126	126	179	SISMA SLO Y	0.21	0.47

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
126	126	163	SISMA SLO Y	0.21	0.47
126	126	32	SISMA SLO Y	0.21	0.47
126	126	60	SISMA SLO Y	0.21	0.47
126	126	179	SLT	0.	0.
126	126	163	SLT	0.	0.
126	126	32	SLT	0.	0.
126	126	60	SLT	0.	0.
126	126	179	~TorsionSISMA SLV X	0.	0.
126	126	163	~TorsionSISMA SLV X	0.	0.
126	126	32	~TorsionSISMA SLV X	0.	0.
126	126	60	~TorsionSISMA SLV X	0.	0.
126	126	179	~TorsionSISMA SLV Y	0.	0.
126	126	163	~TorsionSISMA SLV Y	0.	0.
126	126	32	~TorsionSISMA SLV Y	0.	0.
126	126	60	~TorsionSISMA SLV Y	0.	0.
126	126	179	~TorsionSISMA SLD X	0.	0.
126	126	163	~TorsionSISMA SLD X	0.	0.
126	126	32	~TorsionSISMA SLD X	0.	0.
126	126	60	~TorsionSISMA SLD X	0.	0.
126	126	179	~TorsionSISMA SLD Y	0.	0.
126	126	163	~TorsionSISMA SLD Y	0.	0.
126	126	32	~TorsionSISMA SLD Y	0.	0.
126	126	60	~TorsionSISMA SLD Y	0.	0.
126	126	179	~TorsionSISMA SLO X	0.	0.
126	126	163	~TorsionSISMA SLO X	0.	0.
126	126	32	~TorsionSISMA SLO X	0.	0.
126	126	60	~TorsionSISMA SLO X	0.	0.
126	126	179	~TorsionSISMA SLO Y	0.	0.
126	126	163	~TorsionSISMA SLO Y	0.	0.
126	126	32	~TorsionSISMA SLO Y	0.	0.
126	126	60	~TorsionSISMA SLO Y	0.	0.
127	127	60	G1_K	-1.93	1.01
127	127	32	G1_K	-1.93	1.01
127	127	165	G1_K	-1.93	1.01
127	127	180	G1_K	-1.93	1.01

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
127	127	60	G2_K	21.88	1.11
127	127	32	G2_K	21.88	1.11
127	127	165	G2_K	21.88	1.11
127	127	180	G2_K	21.88	1.11
127	127	60	Q_K	-1.32	0.7
127	127	32	Q_K	-1.32	0.7
127	127	165	Q_K	-1.32	0.7
127	127	180	Q_K	-1.32	0.7
127	127	60	N_K	-0.16	8.421E-02
127	127	32	N_K	-0.16	8.421E-02
127	127	165	N_K	-0.16	8.421E-02
127	127	180	N_K	-0.16	8.421E-02
127	127	60	T+_K	0.	0.
127	127	32	T+_K	0.	0.
127	127	165	T+_K	0.	0.
127	127	180	T+_K	0.	0.
127	127	60	T-_K	0.	0.
127	127	32	T-_K	0.	0.
127	127	165	T-_K	0.	0.
127	127	180	T-_K	0.	0.
127	127	60	G1_D	-2.51	1.31
127	127	32	G1_D	-2.51	1.31
127	127	165	G1_D	-2.51	1.31
127	127	180	G1_D	-2.51	1.31
127	127	60	G2_D	28.44	1.45
127	127	32	G2_D	28.44	1.45
127	127	165	G2_D	28.44	1.45
127	127	180	G2_D	28.44	1.45
127	127	60	Q_D	-1.99	1.05
127	127	32	Q_D	-1.99	1.05
127	127	165	Q_D	-1.99	1.05
127	127	180	Q_D	-1.99	1.05
127	127	60	N_D	-0.24	0.13
127	127	32	N_D	-0.24	0.13
127	127	165	N_D	-0.24	0.13
127	127	180	N_D	-0.24	0.13
127	127	60	T+_D	0.	0.
127	127	32	T+_D	0.	0.
127	127	165	T+_D	0.	0.
127	127	180	T+_D	0.	0.
127	127	60	T-_D	0.	0.
127	127	32	T-_D	0.	0.
127	127	165	T-_D	0.	0.
127	127	180	T-_D	0.	0.
127	127	60	W+_K	0.	0.
127	127	32	W+_K	0.	0.
127	127	165	W+_K	0.	0.
127	127	180	W+_K	0.	0.
127	127	60	W-_K	0.	0.
127	127	32	W-_K	0.	0.
127	127	165	W-_K	0.	0.
127	127	180	W-_K	0.	0.
127	127	60	W+_D	0.	0.
127	127	32	W+_D	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
127	127	165	W+_D	0.	0.
127	127	180	W+_D	0.	0.
127	127	60	W-_D	0.	0.
127	127	32	W-_D	0.	0.
127	127	165	W-_D	0.	0.
127	127	180	W-_D	0.	0.
127	127	60	SISMA SLV X	1.59	0.69
127	127	32	SISMA SLV X	1.59	0.69
127	127	165	SISMA SLV X	1.59	0.69
127	127	180	SISMA SLV X	1.59	0.69
127	127	60	SISMA SLV Y	0.7	0.86
127	127	32	SISMA SLV Y	0.7	0.86
127	127	165	SISMA SLV Y	0.7	0.86
127	127	180	SISMA SLV Y	0.7	0.86
127	127	60	SISMA SLD X	0.78	0.34
127	127	32	SISMA SLD X	0.78	0.34
127	127	165	SISMA SLD X	0.78	0.34
127	127	180	SISMA SLD X	0.78	0.34
127	127	60	SISMA SLD Y	0.34	0.42
127	127	32	SISMA SLD Y	0.34	0.42
127	127	165	SISMA SLD Y	0.34	0.42
127	127	180	SISMA SLD Y	0.34	0.42
127	127	60	SISMA SLO X	0.64	0.28
127	127	32	SISMA SLO X	0.64	0.28
127	127	165	SISMA SLO X	0.64	0.28
127	127	180	SISMA SLO X	0.64	0.28
127	127	60	SISMA SLO Y	0.28	0.35
127	127	32	SISMA SLO Y	0.28	0.35
127	127	165	SISMA SLO Y	0.28	0.35
127	127	180	SISMA SLO Y	0.28	0.35
127	127	60	SLT	0.	0.
127	127	32	SLT	0.	0.
127	127	165	SLT	0.	0.
127	127	180	SLT	0.	0.
127	127	60	~TorsionSISMA SLV X	0.	0.
127	127	32	~TorsionSISMA SLV X	0.	0.
127	127	165	~TorsionSISMA SLV X	0.	0.
127	127	180	~TorsionSISMA SLV X	0.	0.
127	127	60	~TorsionSISMA SLV Y	0.	0.
127	127	32	~TorsionSISMA SLV Y	0.	0.
127	127	165	~TorsionSISMA SLV Y	0.	0.
127	127	180	~TorsionSISMA SLV Y	0.	0.
127	127	60	~TorsionSISMA SLD X	0.	0.
127	127	32	~TorsionSISMA SLD X	0.	0.
127	127	165	~TorsionSISMA SLD X	0.	0.

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
127	127	180	~TorsionSISMA SLD X	0.	0.
127	127	60	~TorsionSISMA SLD Y	0.	0.
127	127	32	~TorsionSISMA SLD Y	0.	0.
127	127	165	~TorsionSISMA SLD Y	0.	0.
127	127	180	~TorsionSISMA SLD Y	0.	0.
127	127	60	~TorsionSISMA SLO X	0.	0.
127	127	32	~TorsionSISMA SLO X	0.	0.
127	127	165	~TorsionSISMA SLO X	0.	0.
127	127	180	~TorsionSISMA SLO X	0.	0.
127	127	60	~TorsionSISMA SLO Y	0.	0.
127	127	32	~TorsionSISMA SLO Y	0.	0.
127	127	165	~TorsionSISMA SLO Y	0.	0.
127	127	180	~TorsionSISMA SLO Y	0.	0.
128	128	180	G1_K	-2.32	3.21
128	128	165	G1_K	-2.32	3.21
128	128	34	G1_K	-2.32	3.21
128	128	61	G1_K	-2.32	3.21
128	128	180	G2_K	15.09	3.14
128	128	165	G2_K	15.09	3.14
128	128	34	G2_K	15.09	3.14
128	128	61	G2_K	15.09	3.14
128	128	180	Q_K	-1.54	2.11
128	128	165	Q_K	-1.54	2.11
128	128	34	Q_K	-1.54	2.11
128	128	61	Q_K	-1.54	2.11
128	128	180	N_K	-0.18	0.25
128	128	165	N_K	-0.18	0.25
128	128	34	N_K	-0.18	0.25
128	128	61	N_K	-0.18	0.25
128	128	180	T+_K	0.	0.
128	128	165	T+_K	0.	0.
128	128	34	T+_K	0.	0.
128	128	61	T+_K	0.	0.
128	128	180	T-_K	0.	0.
128	128	165	T-_K	0.	0.
128	128	34	T-_K	0.	0.
128	128	61	T-_K	0.	0.
128	128	180	G1_D	-3.02	4.18
128	128	165	G1_D	-3.02	4.18
128	128	34	G1_D	-3.02	4.18
128	128	61	G1_D	-3.02	4.18
128	128	180	G2_D	19.61	4.09
128	128	165	G2_D	19.61	4.09
128	128	34	G2_D	19.61	4.09

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
128	128	61	G2_D	19.61	4.09
128	128	180	Q_D	-2.31	3.17
128	128	165	Q_D	-2.31	3.17
128	128	34	Q_D	-2.31	3.17
128	128	61	Q_D	-2.31	3.17
128	128	180	N_D	-0.28	0.38
128	128	165	N_D	-0.28	0.38
128	128	34	N_D	-0.28	0.38
128	128	61	N_D	-0.28	0.38
128	128	180	T+_D	0.	0.
128	128	165	T+_D	0.	0.
128	128	34	T+_D	0.	0.
128	128	61	T+_D	0.	0.
128	128	180	T-_D	0.	0.
128	128	165	T-_D	0.	0.
128	128	34	T-_D	0.	0.
128	128	61	T-_D	0.	0.
128	128	180	W+_K	0.	0.
128	128	165	W+_K	0.	0.
128	128	34	W+_K	0.	0.
128	128	61	W+_K	0.	0.
128	128	180	W-_K	0.	0.
128	128	165	W-_K	0.	0.
128	128	34	W-_K	0.	0.
128	128	61	W-_K	0.	0.
128	128	180	W+_D	0.	0.
128	128	165	W+_D	0.	0.
128	128	34	W+_D	0.	0.
128	128	61	W+_D	0.	0.
128	128	180	W-_D	0.	0.
128	128	165	W-_D	0.	0.
128	128	34	W-_D	0.	0.
128	128	61	W-_D	0.	0.
128	128	180	SISMA SLV X	1.48	0.41
128	128	165	SISMA SLV X	1.48	0.41
128	128	34	SISMA SLV X	1.48	0.41
128	128	61	SISMA SLV X	1.48	0.41
128	128	180	SISMA SLV Y	0.73	0.44
128	128	165	SISMA SLV Y	0.73	0.44
128	128	34	SISMA SLV Y	0.73	0.44
128	128	61	SISMA SLV Y	0.73	0.44
128	128	180	SISMA SLD X	0.72	0.2
128	128	165	SISMA SLD X	0.72	0.2
128	128	34	SISMA SLD X	0.72	0.2
128	128	61	SISMA SLD X	0.72	0.2
128	128	180	SISMA SLD Y	0.36	0.22
128	128	165	SISMA SLD Y	0.36	0.22
128	128	34	SISMA SLD Y	0.36	0.22
128	128	61	SISMA SLD Y	0.36	0.22
128	128	180	SISMA SLO X	0.6	0.17
128	128	165	SISMA SLO X	0.6	0.17
128	128	34	SISMA SLO X	0.6	0.17
128	128	61	SISMA SLO X	0.6	0.17
128	128	180	SISMA SLO Y	0.3	0.18

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
128	128	165	SISMA SLO Y	0.3	0.18
128	128	34	SISMA SLO Y	0.3	0.18
128	128	61	SISMA SLO Y	0.3	0.18
128	128	180	SLT	0.	0.
128	128	165	SLT	0.	0.
128	128	34	SLT	0.	0.
128	128	61	SLT	0.	0.
128	128	180	~TorsionSISMA SLV X	0.	0.
128	128	165	~TorsionSISMA SLV X	0.	0.
128	128	34	~TorsionSISMA SLV X	0.	0.
128	128	61	~TorsionSISMA SLV X	0.	0.
128	128	180	~TorsionSISMA SLV Y	0.	0.
128	128	165	~TorsionSISMA SLV Y	0.	0.
128	128	34	~TorsionSISMA SLV Y	0.	0.
128	128	61	~TorsionSISMA SLV Y	0.	0.
128	128	180	~TorsionSISMA SLD X	0.	0.
128	128	165	~TorsionSISMA SLD X	0.	0.
128	128	34	~TorsionSISMA SLD X	0.	0.
128	128	61	~TorsionSISMA SLD X	0.	0.
128	128	180	~TorsionSISMA SLD Y	0.	0.
128	128	165	~TorsionSISMA SLD Y	0.	0.
128	128	34	~TorsionSISMA SLD Y	0.	0.
128	128	61	~TorsionSISMA SLD Y	0.	0.
128	128	180	~TorsionSISMA SLO X	0.	0.
128	128	165	~TorsionSISMA SLO X	0.	0.
128	128	34	~TorsionSISMA SLO X	0.	0.
128	128	61	~TorsionSISMA SLO X	0.	0.
128	128	180	~TorsionSISMA SLO Y	0.	0.
128	128	165	~TorsionSISMA SLO Y	0.	0.
128	128	34	~TorsionSISMA SLO Y	0.	0.
128	128	61	~TorsionSISMA SLO Y	0.	0.
129	129	61	G1_K	-2.47	5.79
129	129	34	G1_K	-2.47	5.79
129	129	104	G1_K	-2.47	5.79
129	129	120	G1_K	-2.47	5.79

9. Area results

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Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
129	129	61	G2_K	4.96	7.73
129	129	34	G2_K	4.96	7.73
129	129	104	G2_K	4.96	7.73
129	129	120	G2_K	4.96	7.73
129	129	61	Q_K	-1.61	3.76
129	129	34	Q_K	-1.61	3.76
129	129	104	Q_K	-1.61	3.76
129	129	120	Q_K	-1.61	3.76
129	129	61	N_K	-0.19	0.45
129	129	34	N_K	-0.19	0.45
129	129	104	N_K	-0.19	0.45
129	129	120	N_K	-0.19	0.45
129	129	61	T+_K	0.	0.
129	129	34	T+_K	0.	0.
129	129	104	T+_K	0.	0.
129	129	120	T+_K	0.	0.
129	129	61	T-_K	0.	0.
129	129	34	T-_K	0.	0.
129	129	104	T-_K	0.	0.
129	129	120	T-_K	0.	0.
129	129	61	G1_D	-3.21	7.52
129	129	34	G1_D	-3.21	7.52
129	129	104	G1_D	-3.21	7.52
129	129	120	G1_D	-3.21	7.52
129	129	61	G2_D	6.45	10.06
129	129	34	G2_D	6.45	10.06
129	129	104	G2_D	6.45	10.06
129	129	120	G2_D	6.45	10.06
129	129	61	Q_D	-2.42	5.64
129	129	34	Q_D	-2.42	5.64
129	129	104	Q_D	-2.42	5.64
129	129	120	Q_D	-2.42	5.64
129	129	61	N_D	-0.29	0.68
129	129	34	N_D	-0.29	0.68
129	129	104	N_D	-0.29	0.68
129	129	120	N_D	-0.29	0.68
129	129	61	T+_D	0.	0.
129	129	34	T+_D	0.	0.
129	129	104	T+_D	0.	0.
129	129	120	T+_D	0.	0.
129	129	61	T-_D	0.	0.
129	129	34	T-_D	0.	0.
129	129	104	T-_D	0.	0.
129	129	120	T-_D	0.	0.
129	129	61	W+_K	0.	0.
129	129	34	W+_K	0.	0.
129	129	104	W+_K	0.	0.
129	129	120	W+_K	0.	0.
129	129	61	W-_K	0.	0.
129	129	34	W-_K	0.	0.
129	129	104	W-_K	0.	0.
129	129	120	W-_K	0.	0.
129	129	61	W+_D	0.	0.
129	129	34	W+_D	0.	0.

9. Area results

18 November 2019

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
129	129	104	W+_D	0.	0.
129	129	120	W+_D	0.	0.
129	129	61	W-_D	0.	0.
129	129	34	W-_D	0.	0.
129	129	104	W-_D	0.	0.
129	129	120	W-_D	0.	0.
129	129	61	SISMA SLV X	0.83	0.88
129	129	34	SISMA SLV X	0.83	0.88
129	129	104	SISMA SLV X	0.83	0.88
129	129	120	SISMA SLV X	0.83	0.88
129	129	61	SISMA SLV Y	0.7	0.52
129	129	34	SISMA SLV Y	0.7	0.52
129	129	104	SISMA SLV Y	0.7	0.52
129	129	120	SISMA SLV Y	0.7	0.52
129	129	61	SISMA SLD X	0.41	0.43
129	129	34	SISMA SLD X	0.41	0.43
129	129	104	SISMA SLD X	0.41	0.43
129	129	120	SISMA SLD X	0.41	0.43
129	129	61	SISMA SLD Y	0.34	0.25
129	129	34	SISMA SLD Y	0.34	0.25
129	129	104	SISMA SLD Y	0.34	0.25
129	129	120	SISMA SLD Y	0.34	0.25
129	129	61	SISMA SLO X	0.34	0.35
129	129	34	SISMA SLO X	0.34	0.35
129	129	104	SISMA SLO X	0.34	0.35
129	129	120	SISMA SLO X	0.34	0.35
129	129	61	SISMA SLO Y	0.28	0.21
129	129	34	SISMA SLO Y	0.28	0.21
129	129	104	SISMA SLO Y	0.28	0.21
129	129	120	SISMA SLO Y	0.28	0.21
129	129	61	SLT	0.	0.
129	129	34	SLT	0.	0.
129	129	104	SLT	0.	0.
129	129	120	SLT	0.	0.
129	129	61	~TorsionSISMA SLV X	0.	0.
129	129	34	~TorsionSISMA SLV X	0.	0.
129	129	104	~TorsionSISMA SLV X	0.	0.
129	129	120	~TorsionSISMA SLV X	0.	0.
129	129	61	~TorsionSISMA SLV Y	0.	0.
129	129	34	~TorsionSISMA SLV Y	0.	0.
129	129	104	~TorsionSISMA SLV Y	0.	0.
129	129	120	~TorsionSISMA SLV Y	0.	0.
129	129	61	~TorsionSISMA SLD X	0.	0.
129	129	34	~TorsionSISMA SLD X	0.	0.
129	129	104	~TorsionSISMA SLD X	0.	0.

Table 25: Element Stresses - Area Shells, Part 3 of 3

Area	AreaElem	Joint	OutputCase	S13Avg KN/m2	S23Avg KN/m2
129	129	120	~TorsionSISMA SLD X	0.	0.
129	129	61	~TorsionSISMA SLD Y	0.	0.
129	129	34	~TorsionSISMA SLD Y	0.	0.
129	129	104	~TorsionSISMA SLD Y	0.	0.
129	129	120	~TorsionSISMA SLD Y	0.	0.
129	129	61	~TorsionSISMA SLO X	0.	0.
129	129	34	~TorsionSISMA SLO X	0.	0.
129	129	104	~TorsionSISMA SLO X	0.	0.
129	129	120	~TorsionSISMA SLO X	0.	0.
129	129	61	~TorsionSISMA SLO Y	0.	0.
129	129	34	~TorsionSISMA SLO Y	0.	0.
129	129	104	~TorsionSISMA SLO Y	0.	0.
129	129	120	~TorsionSISMA SLO Y	0.	0.

10. Material take-off

This section provides a material take-off.

Table 26: Material List 2 - By Section Property

Table 26: Material List 2 - By Section Property

Section	ObjectType	NumPieces	TotalLength m	TotalWeight KN
FLOOR	Area			87.474
ROOF	Area			87.474
WALL	Area			265.547

11. Design preferences

This section provides the design preferences for each type of design, which typically include material reduction factors, framing type, stress ratio limit, deflection limits, and other code specific items.

11.1. Steel design

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 1 of 3

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 1 of 3

THDesign	FrameType	PatLLF	SRatioLimit	MaxIter	CombosEq	RelClass	KFactorMethod	GammaM0
Envelopes	Non Dissipative	0.75	0.99	1	Eq. 6.10	Class 2	Method B	1.05

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 2 of 3

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 2 of 3

GammaM1	GammaM2	SeisCode	SeisLoad	PlugWeld	q	Omega	CheckDefl	DLRat
1.05	1.25	Yes	Yes	Yes	1.	1.	Yes	120.

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 3 of 3

Table 27: Preferences - Steel Design - Italian NTC 2018, Part 3 of 3

SDLAndLLRat	LLRat	TotalRat	NetRat
120.	360.	240.	240.

11.2. Concrete design

Table 28: Preferences - Concrete Design - ACI 318-14, Part 1 of 2

Table 28: Preferences - Concrete Design - ACI 318-14, Part 1 of 2

THDesign	NumCurves	NumPoints	MinEccen	PatLLF	UFLimit	SeisCat	Rho	Sds
Envelopes	24	11	Yes	0.75	0.95	D	1.	0.5

Table 28: Preferences - Concrete Design - ACI 318-14, Part 2 of 2

Table 28: Preferences - Concrete Design - ACI 318-14, Part 2 of 2

PhiT	PhiCTied	PhiCSpiral	PhiV	PhiVSeismic	PhiVJoint
0.9	0.65	0.75	0.75	0.6	0.85

11.3. Aluminum design

Table 29: Preferences - Aluminum Design - AA-ASD 2000

Table 29: Preferences - Aluminum Design - AA-ASD 2000

FrameType	SRatioLimit	LatFact	UseLatFact
Moment Frame	1.	1.333333	No

11.4. Cold formed design

Table 30: Preferences - Cold Formed Design - AISI-ASD96

Table 30: Preferences - Cold Formed Design - AISI-ASD96

FrameType	SRatioLimit	OmegaBS	OmegaBUS	OmegaBLTB	OmegaVS	OmegaVNS	OmegaT	OmegaC
Braced Frame	1.	1.67	1.67	1.67	1.67	1.5	1.67	1.8

STAZIONE APPALTANTE:
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Area III Tecnica Assetto del territorio
Servizio LL.PP. e Manutenzione
RUP e PO: Arch. J. Stefano Bernicchia



PROGETTAZIONE:

Relazione tecnica illustrativa

10. **ALLEGATO 10- SOLETTA PORTA IMPIANTI**



SAP2000 Analysis Report

Model Name: Fondazione Nettuno.sdb

18 novembre 2019

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1. Model geometry

This section provides model geometry information, including items such as joint coordinates, joint restraints, and element connectivity.

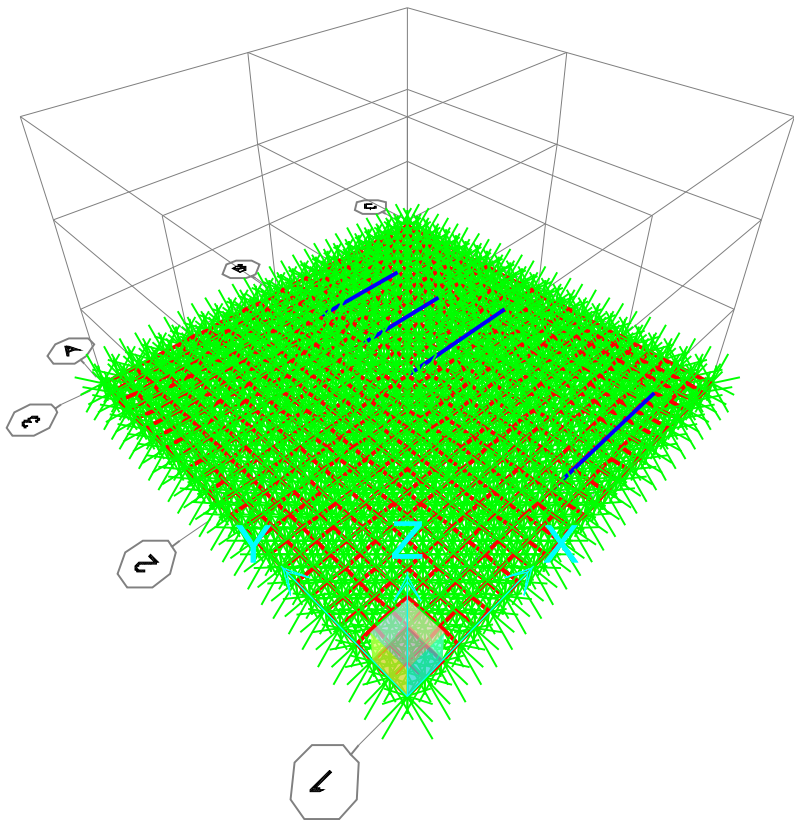


Figure 1: Finite element model

1.1. Joint coordinates

Table 1: Joint Coordinates

Table 1: Joint Coordinates					
Joint	CoordSys	CoordType	GlobalX mm	GlobalY mm	GlobalZ mm
5	GLOBAL	Cartesian	0.	5000.	0.
6	GLOBAL	Cartesian	5000.	5000.	0.
7	GLOBAL	Cartesian	5000.	0.	0.
8	GLOBAL	Cartesian	0.	0.	0.
9	GLOBAL	Cartesian	200.	5000.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX mm	GlobalY mm	GlobalZ mm
10	GLOBAL	Cartesian	200.	4800.	0.
11	GLOBAL	Cartesian	0.	4800.	0.
12	GLOBAL	Cartesian	200.	4600.	0.
13	GLOBAL	Cartesian	0.	4600.	0.
14	GLOBAL	Cartesian	200.	4400.	0.
15	GLOBAL	Cartesian	0.	4400.	0.
16	GLOBAL	Cartesian	200.	4200.	0.
17	GLOBAL	Cartesian	0.	4200.	0.
18	GLOBAL	Cartesian	200.	4000.	0.
19	GLOBAL	Cartesian	0.	4000.	0.
20	GLOBAL	Cartesian	200.	3800.	0.
21	GLOBAL	Cartesian	0.	3800.	0.
22	GLOBAL	Cartesian	200.	3600.	0.
23	GLOBAL	Cartesian	0.	3600.	0.
24	GLOBAL	Cartesian	200.	3400.	0.
25	GLOBAL	Cartesian	0.	3400.	0.
26	GLOBAL	Cartesian	200.	3200.	0.
27	GLOBAL	Cartesian	0.	3200.	0.
28	GLOBAL	Cartesian	200.	3000.	0.
29	GLOBAL	Cartesian	0.	3000.	0.
30	GLOBAL	Cartesian	200.	2800.	0.
31	GLOBAL	Cartesian	0.	2800.	0.
32	GLOBAL	Cartesian	200.	2600.	0.
33	GLOBAL	Cartesian	0.	2600.	0.
34	GLOBAL	Cartesian	200.	2400.	0.
35	GLOBAL	Cartesian	0.	2400.	0.
36	GLOBAL	Cartesian	200.	2200.	0.
37	GLOBAL	Cartesian	0.	2200.	0.
38	GLOBAL	Cartesian	200.	2000.	0.
39	GLOBAL	Cartesian	0.	2000.	0.
40	GLOBAL	Cartesian	200.	1800.	0.
41	GLOBAL	Cartesian	0.	1800.	0.
42	GLOBAL	Cartesian	200.	1600.	0.
43	GLOBAL	Cartesian	0.	1600.	0.
44	GLOBAL	Cartesian	200.	1400.	0.
45	GLOBAL	Cartesian	0.	1400.	0.
46	GLOBAL	Cartesian	200.	1200.	0.
47	GLOBAL	Cartesian	0.	1200.	0.
48	GLOBAL	Cartesian	200.	1000.	0.
49	GLOBAL	Cartesian	0.	1000.	0.
50	GLOBAL	Cartesian	200.	800.	0.
51	GLOBAL	Cartesian	0.	800.	0.
52	GLOBAL	Cartesian	200.	600.	0.
53	GLOBAL	Cartesian	0.	600.	0.
54	GLOBAL	Cartesian	200.	400.	0.
55	GLOBAL	Cartesian	0.	400.	0.
56	GLOBAL	Cartesian	200.	200.	0.
57	GLOBAL	Cartesian	0.	200.	0.
58	GLOBAL	Cartesian	200.	0.	0.
59	GLOBAL	Cartesian	400.	5000.	0.
60	GLOBAL	Cartesian	400.	4800.	0.
61	GLOBAL	Cartesian	400.	4600.	0.
62	GLOBAL	Cartesian	400.	4400.	0.
63	GLOBAL	Cartesian	400.	4200.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
64	GLOBAL	Cartesian	400.	4000.	0.
65	GLOBAL	Cartesian	400.	3800.	0.
66	GLOBAL	Cartesian	400.	3600.	0.
67	GLOBAL	Cartesian	400.	3400.	0.
68	GLOBAL	Cartesian	400.	3200.	0.
69	GLOBAL	Cartesian	400.	3000.	0.
70	GLOBAL	Cartesian	400.	2800.	0.
71	GLOBAL	Cartesian	400.	2600.	0.
72	GLOBAL	Cartesian	400.	2400.	0.
73	GLOBAL	Cartesian	400.	2200.	0.
74	GLOBAL	Cartesian	400.	2000.	0.
75	GLOBAL	Cartesian	400.	1800.	0.
76	GLOBAL	Cartesian	400.	1600.	0.
77	GLOBAL	Cartesian	400.	1400.	0.
78	GLOBAL	Cartesian	400.	1200.	0.
79	GLOBAL	Cartesian	400.	1000.	0.
80	GLOBAL	Cartesian	400.	800.	0.
81	GLOBAL	Cartesian	400.	600.	0.
82	GLOBAL	Cartesian	400.	400.	0.
83	GLOBAL	Cartesian	400.	200.	0.
84	GLOBAL	Cartesian	400.	0.	0.
85	GLOBAL	Cartesian	600.	5000.	0.
86	GLOBAL	Cartesian	600.	4800.	0.
87	GLOBAL	Cartesian	600.	4600.	0.
88	GLOBAL	Cartesian	600.	4400.	0.
89	GLOBAL	Cartesian	600.	4200.	0.
90	GLOBAL	Cartesian	600.	4000.	0.
91	GLOBAL	Cartesian	600.	3800.	0.
92	GLOBAL	Cartesian	600.	3600.	0.
93	GLOBAL	Cartesian	600.	3400.	0.
94	GLOBAL	Cartesian	600.	3200.	0.
95	GLOBAL	Cartesian	600.	3000.	0.
96	GLOBAL	Cartesian	600.	2800.	0.
97	GLOBAL	Cartesian	600.	2600.	0.
98	GLOBAL	Cartesian	600.	2400.	0.
99	GLOBAL	Cartesian	600.	2200.	0.
100	GLOBAL	Cartesian	600.	2000.	0.
101	GLOBAL	Cartesian	600.	1800.	0.
102	GLOBAL	Cartesian	600.	1600.	0.
103	GLOBAL	Cartesian	600.	1400.	0.
104	GLOBAL	Cartesian	600.	1200.	0.
105	GLOBAL	Cartesian	600.	1000.	0.
106	GLOBAL	Cartesian	600.	800.	0.
107	GLOBAL	Cartesian	600.	600.	0.
108	GLOBAL	Cartesian	600.	400.	0.
109	GLOBAL	Cartesian	600.	200.	0.
110	GLOBAL	Cartesian	600.	0.	0.
111	GLOBAL	Cartesian	800.	5000.	0.
112	GLOBAL	Cartesian	800.	4800.	0.
113	GLOBAL	Cartesian	800.	4600.	0.
114	GLOBAL	Cartesian	800.	4400.	0.
115	GLOBAL	Cartesian	800.	4200.	0.
116	GLOBAL	Cartesian	800.	4000.	0.
117	GLOBAL	Cartesian	800.	3800.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
118	GLOBAL	Cartesian	800.	3600.	0.
119	GLOBAL	Cartesian	800.	3400.	0.
120	GLOBAL	Cartesian	800.	3200.	0.
121	GLOBAL	Cartesian	800.	3000.	0.
122	GLOBAL	Cartesian	800.	2800.	0.
123	GLOBAL	Cartesian	800.	2600.	0.
124	GLOBAL	Cartesian	800.	2400.	0.
125	GLOBAL	Cartesian	800.	2200.	0.
126	GLOBAL	Cartesian	800.	2000.	0.
127	GLOBAL	Cartesian	800.	1800.	0.
128	GLOBAL	Cartesian	800.	1600.	0.
129	GLOBAL	Cartesian	800.	1400.	0.
130	GLOBAL	Cartesian	800.	1200.	0.
131	GLOBAL	Cartesian	800.	1000.	0.
132	GLOBAL	Cartesian	800.	800.	0.
133	GLOBAL	Cartesian	800.	600.	0.
134	GLOBAL	Cartesian	800.	400.	0.
135	GLOBAL	Cartesian	800.	200.	0.
136	GLOBAL	Cartesian	800.	0.	0.
137	GLOBAL	Cartesian	1000.	5000.	0.
138	GLOBAL	Cartesian	1000.	4800.	0.
139	GLOBAL	Cartesian	1000.	4600.	0.
140	GLOBAL	Cartesian	1000.	4400.	0.
141	GLOBAL	Cartesian	1000.	4200.	0.
142	GLOBAL	Cartesian	1000.	4000.	0.
143	GLOBAL	Cartesian	1000.	3800.	0.
144	GLOBAL	Cartesian	1000.	3600.	0.
145	GLOBAL	Cartesian	1000.	3400.	0.
146	GLOBAL	Cartesian	1000.	3200.	0.
147	GLOBAL	Cartesian	1000.	3000.	0.
148	GLOBAL	Cartesian	1000.	2800.	0.
149	GLOBAL	Cartesian	1000.	2600.	0.
150	GLOBAL	Cartesian	1000.	2400.	0.
151	GLOBAL	Cartesian	1000.	2200.	0.
152	GLOBAL	Cartesian	1000.	2000.	0.
153	GLOBAL	Cartesian	1000.	1800.	0.
154	GLOBAL	Cartesian	1000.	1600.	0.
155	GLOBAL	Cartesian	1000.	1400.	0.
156	GLOBAL	Cartesian	1000.	1200.	0.
157	GLOBAL	Cartesian	1000.	1000.	0.
158	GLOBAL	Cartesian	1000.	800.	0.
159	GLOBAL	Cartesian	1000.	600.	0.
160	GLOBAL	Cartesian	1000.	400.	0.
161	GLOBAL	Cartesian	1000.	200.	0.
162	GLOBAL	Cartesian	1000.	0.	0.
163	GLOBAL	Cartesian	1200.	5000.	0.
164	GLOBAL	Cartesian	1200.	4800.	0.
165	GLOBAL	Cartesian	1200.	4600.	0.
166	GLOBAL	Cartesian	1200.	4400.	0.
167	GLOBAL	Cartesian	1200.	4200.	0.
168	GLOBAL	Cartesian	1200.	4000.	0.
169	GLOBAL	Cartesian	1200.	3800.	0.
170	GLOBAL	Cartesian	1200.	3600.	0.
171	GLOBAL	Cartesian	1200.	3400.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
172	GLOBAL	Cartesian	1200.	3200.	0.
173	GLOBAL	Cartesian	1200.	3000.	0.
174	GLOBAL	Cartesian	1200.	2800.	0.
175	GLOBAL	Cartesian	1200.	2600.	0.
176	GLOBAL	Cartesian	1200.	2400.	0.
177	GLOBAL	Cartesian	1200.	2200.	0.
178	GLOBAL	Cartesian	1200.	2000.	0.
179	GLOBAL	Cartesian	1200.	1800.	0.
180	GLOBAL	Cartesian	1200.	1600.	0.
181	GLOBAL	Cartesian	1200.	1400.	0.
182	GLOBAL	Cartesian	1200.	1200.	0.
183	GLOBAL	Cartesian	1200.	1000.	0.
184	GLOBAL	Cartesian	1200.	800.	0.
185	GLOBAL	Cartesian	1200.	600.	0.
186	GLOBAL	Cartesian	1200.	400.	0.
187	GLOBAL	Cartesian	1200.	200.	0.
188	GLOBAL	Cartesian	1200.	0.	0.
189	GLOBAL	Cartesian	1400.	5000.	0.
190	GLOBAL	Cartesian	1400.	4800.	0.
191	GLOBAL	Cartesian	1400.	4600.	0.
192	GLOBAL	Cartesian	1400.	4400.	0.
193	GLOBAL	Cartesian	1400.	4200.	0.
194	GLOBAL	Cartesian	1400.	4000.	0.
195	GLOBAL	Cartesian	1400.	3800.	0.
196	GLOBAL	Cartesian	1400.	3600.	0.
197	GLOBAL	Cartesian	1400.	3400.	0.
198	GLOBAL	Cartesian	1400.	3200.	0.
199	GLOBAL	Cartesian	1400.	3000.	0.
200	GLOBAL	Cartesian	1400.	2800.	0.
201	GLOBAL	Cartesian	1400.	2600.	0.
202	GLOBAL	Cartesian	1400.	2400.	0.
203	GLOBAL	Cartesian	1400.	2200.	0.
204	GLOBAL	Cartesian	1400.	2000.	0.
205	GLOBAL	Cartesian	1400.	1800.	0.
206	GLOBAL	Cartesian	1400.	1600.	0.
207	GLOBAL	Cartesian	1400.	1400.	0.
208	GLOBAL	Cartesian	1400.	1200.	0.
209	GLOBAL	Cartesian	1400.	1000.	0.
210	GLOBAL	Cartesian	1400.	800.	0.
211	GLOBAL	Cartesian	1400.	600.	0.
212	GLOBAL	Cartesian	1400.	400.	0.
213	GLOBAL	Cartesian	1400.	200.	0.
214	GLOBAL	Cartesian	1400.	0.	0.
215	GLOBAL	Cartesian	1600.	5000.	0.
216	GLOBAL	Cartesian	1600.	4800.	0.
217	GLOBAL	Cartesian	1600.	4600.	0.
218	GLOBAL	Cartesian	1600.	4400.	0.
219	GLOBAL	Cartesian	1600.	4200.	0.
220	GLOBAL	Cartesian	1600.	4000.	0.
221	GLOBAL	Cartesian	1600.	3800.	0.
222	GLOBAL	Cartesian	1600.	3600.	0.
223	GLOBAL	Cartesian	1600.	3400.	0.
224	GLOBAL	Cartesian	1600.	3200.	0.
225	GLOBAL	Cartesian	1600.	3000.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
226	GLOBAL	Cartesian	1600.	2800.	0.
227	GLOBAL	Cartesian	1600.	2600.	0.
228	GLOBAL	Cartesian	1600.	2400.	0.
229	GLOBAL	Cartesian	1600.	2200.	0.
230	GLOBAL	Cartesian	1600.	2000.	0.
231	GLOBAL	Cartesian	1600.	1800.	0.
232	GLOBAL	Cartesian	1600.	1600.	0.
233	GLOBAL	Cartesian	1600.	1400.	0.
234	GLOBAL	Cartesian	1600.	1200.	0.
235	GLOBAL	Cartesian	1600.	1000.	0.
236	GLOBAL	Cartesian	1600.	800.	0.
237	GLOBAL	Cartesian	1600.	600.	0.
238	GLOBAL	Cartesian	1600.	400.	0.
239	GLOBAL	Cartesian	1600.	200.	0.
240	GLOBAL	Cartesian	1600.	0.	0.
241	GLOBAL	Cartesian	1800.	5000.	0.
242	GLOBAL	Cartesian	1800.	4800.	0.
243	GLOBAL	Cartesian	1800.	4600.	0.
244	GLOBAL	Cartesian	1800.	4400.	0.
245	GLOBAL	Cartesian	1800.	4200.	0.
246	GLOBAL	Cartesian	1800.	4000.	0.
247	GLOBAL	Cartesian	1800.	3800.	0.
248	GLOBAL	Cartesian	1800.	3600.	0.
249	GLOBAL	Cartesian	1800.	3400.	0.
250	GLOBAL	Cartesian	1800.	3200.	0.
251	GLOBAL	Cartesian	1800.	3000.	0.
252	GLOBAL	Cartesian	1800.	2800.	0.
253	GLOBAL	Cartesian	1800.	2600.	0.
254	GLOBAL	Cartesian	1800.	2400.	0.
255	GLOBAL	Cartesian	1800.	2200.	0.
256	GLOBAL	Cartesian	1800.	2000.	0.
257	GLOBAL	Cartesian	1800.	1800.	0.
258	GLOBAL	Cartesian	1800.	1600.	0.
259	GLOBAL	Cartesian	1800.	1400.	0.
260	GLOBAL	Cartesian	1800.	1200.	0.
261	GLOBAL	Cartesian	1800.	1000.	0.
262	GLOBAL	Cartesian	1800.	800.	0.
263	GLOBAL	Cartesian	1800.	600.	0.
264	GLOBAL	Cartesian	1800.	400.	0.
265	GLOBAL	Cartesian	1800.	200.	0.
266	GLOBAL	Cartesian	1800.	0.	0.
267	GLOBAL	Cartesian	2000.	5000.	0.
268	GLOBAL	Cartesian	2000.	4800.	0.
269	GLOBAL	Cartesian	2000.	4600.	0.
270	GLOBAL	Cartesian	2000.	4400.	0.
271	GLOBAL	Cartesian	2000.	4200.	0.
272	GLOBAL	Cartesian	2000.	4000.	0.
273	GLOBAL	Cartesian	2000.	3800.	0.
274	GLOBAL	Cartesian	2000.	3600.	0.
275	GLOBAL	Cartesian	2000.	3400.	0.
276	GLOBAL	Cartesian	2000.	3200.	0.
277	GLOBAL	Cartesian	2000.	3000.	0.
278	GLOBAL	Cartesian	2000.	2800.	0.
279	GLOBAL	Cartesian	2000.	2600.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX mm	GlobalY mm	GlobalZ mm
280	GLOBAL	Cartesian	2000.	2400.	0.
281	GLOBAL	Cartesian	2000.	2200.	0.
282	GLOBAL	Cartesian	2000.	2000.	0.
283	GLOBAL	Cartesian	2000.	1800.	0.
284	GLOBAL	Cartesian	2000.	1600.	0.
285	GLOBAL	Cartesian	2000.	1400.	0.
286	GLOBAL	Cartesian	2000.	1200.	0.
287	GLOBAL	Cartesian	2000.	1000.	0.
288	GLOBAL	Cartesian	2000.	800.	0.
289	GLOBAL	Cartesian	2000.	600.	0.
290	GLOBAL	Cartesian	2000.	400.	0.
291	GLOBAL	Cartesian	2000.	200.	0.
292	GLOBAL	Cartesian	2000.	0.	0.
293	GLOBAL	Cartesian	2200.	5000.	0.
294	GLOBAL	Cartesian	2200.	4800.	0.
295	GLOBAL	Cartesian	2200.	4600.	0.
296	GLOBAL	Cartesian	2200.	4400.	0.
297	GLOBAL	Cartesian	2200.	4200.	0.
298	GLOBAL	Cartesian	2200.	4000.	0.
299	GLOBAL	Cartesian	2200.	3800.	0.
300	GLOBAL	Cartesian	2200.	3600.	0.
301	GLOBAL	Cartesian	2200.	3400.	0.
302	GLOBAL	Cartesian	2200.	3200.	0.
303	GLOBAL	Cartesian	2200.	3000.	0.
304	GLOBAL	Cartesian	2200.	2800.	0.
305	GLOBAL	Cartesian	2200.	2600.	0.
306	GLOBAL	Cartesian	2200.	2400.	0.
307	GLOBAL	Cartesian	2200.	2200.	0.
308	GLOBAL	Cartesian	2200.	2000.	0.
309	GLOBAL	Cartesian	2200.	1800.	0.
310	GLOBAL	Cartesian	2200.	1600.	0.
311	GLOBAL	Cartesian	2200.	1400.	0.
312	GLOBAL	Cartesian	2200.	1200.	0.
313	GLOBAL	Cartesian	2200.	1000.	0.
314	GLOBAL	Cartesian	2200.	800.	0.
315	GLOBAL	Cartesian	2200.	600.	0.
316	GLOBAL	Cartesian	2200.	400.	0.
317	GLOBAL	Cartesian	2200.	200.	0.
318	GLOBAL	Cartesian	2200.	0.	0.
319	GLOBAL	Cartesian	2400.	5000.	0.
320	GLOBAL	Cartesian	2400.	4800.	0.
321	GLOBAL	Cartesian	2400.	4600.	0.
322	GLOBAL	Cartesian	2400.	4400.	0.
323	GLOBAL	Cartesian	2400.	4200.	0.
324	GLOBAL	Cartesian	2400.	4000.	0.
325	GLOBAL	Cartesian	2400.	3800.	0.
326	GLOBAL	Cartesian	2400.	3600.	0.
327	GLOBAL	Cartesian	2400.	3400.	0.
328	GLOBAL	Cartesian	2400.	3200.	0.
329	GLOBAL	Cartesian	2400.	3000.	0.
330	GLOBAL	Cartesian	2400.	2800.	0.
331	GLOBAL	Cartesian	2400.	2600.	0.
332	GLOBAL	Cartesian	2400.	2400.	0.
333	GLOBAL	Cartesian	2400.	2200.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX mm	GlobalY mm	GlobalZ mm
334	GLOBAL	Cartesian	2400.	2000.	0.
335	GLOBAL	Cartesian	2400.	1800.	0.
336	GLOBAL	Cartesian	2400.	1600.	0.
337	GLOBAL	Cartesian	2400.	1400.	0.
338	GLOBAL	Cartesian	2400.	1200.	0.
339	GLOBAL	Cartesian	2400.	1000.	0.
340	GLOBAL	Cartesian	2400.	800.	0.
341	GLOBAL	Cartesian	2400.	600.	0.
342	GLOBAL	Cartesian	2400.	400.	0.
343	GLOBAL	Cartesian	2400.	200.	0.
344	GLOBAL	Cartesian	2400.	0.	0.
345	GLOBAL	Cartesian	2600.	5000.	0.
346	GLOBAL	Cartesian	2600.	4800.	0.
347	GLOBAL	Cartesian	2600.	4600.	0.
348	GLOBAL	Cartesian	2600.	4400.	0.
349	GLOBAL	Cartesian	2600.	4200.	0.
350	GLOBAL	Cartesian	2600.	4000.	0.
351	GLOBAL	Cartesian	2600.	3800.	0.
352	GLOBAL	Cartesian	2600.	3600.	0.
353	GLOBAL	Cartesian	2600.	3400.	0.
354	GLOBAL	Cartesian	2600.	3200.	0.
355	GLOBAL	Cartesian	2600.	3000.	0.
356	GLOBAL	Cartesian	2600.	2800.	0.
357	GLOBAL	Cartesian	2600.	2600.	0.
358	GLOBAL	Cartesian	2600.	2400.	0.
359	GLOBAL	Cartesian	2600.	2200.	0.
360	GLOBAL	Cartesian	2600.	2000.	0.
361	GLOBAL	Cartesian	2600.	1800.	0.
362	GLOBAL	Cartesian	2600.	1600.	0.
363	GLOBAL	Cartesian	2600.	1400.	0.
364	GLOBAL	Cartesian	2600.	1200.	0.
365	GLOBAL	Cartesian	2600.	1000.	0.
366	GLOBAL	Cartesian	2600.	800.	0.
367	GLOBAL	Cartesian	2600.	600.	0.
368	GLOBAL	Cartesian	2600.	400.	0.
369	GLOBAL	Cartesian	2600.	200.	0.
370	GLOBAL	Cartesian	2600.	0.	0.
371	GLOBAL	Cartesian	2800.	5000.	0.
372	GLOBAL	Cartesian	2800.	4800.	0.
373	GLOBAL	Cartesian	2800.	4600.	0.
374	GLOBAL	Cartesian	2800.	4400.	0.
375	GLOBAL	Cartesian	2800.	4200.	0.
376	GLOBAL	Cartesian	2800.	4000.	0.
377	GLOBAL	Cartesian	2800.	3800.	0.
378	GLOBAL	Cartesian	2800.	3600.	0.
379	GLOBAL	Cartesian	2800.	3400.	0.
380	GLOBAL	Cartesian	2800.	3200.	0.
381	GLOBAL	Cartesian	2800.	3000.	0.
382	GLOBAL	Cartesian	2800.	2800.	0.
383	GLOBAL	Cartesian	2800.	2600.	0.
384	GLOBAL	Cartesian	2800.	2400.	0.
385	GLOBAL	Cartesian	2800.	2200.	0.
386	GLOBAL	Cartesian	2800.	2000.	0.
387	GLOBAL	Cartesian	2800.	1800.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
388	GLOBAL	Cartesian	2800.	1600.	0.
389	GLOBAL	Cartesian	2800.	1400.	0.
390	GLOBAL	Cartesian	2800.	1200.	0.
391	GLOBAL	Cartesian	2800.	1000.	0.
392	GLOBAL	Cartesian	2800.	800.	0.
393	GLOBAL	Cartesian	2800.	600.	0.
394	GLOBAL	Cartesian	2800.	400.	0.
395	GLOBAL	Cartesian	2800.	200.	0.
396	GLOBAL	Cartesian	2800.	0.	0.
397	GLOBAL	Cartesian	3000.	5000.	0.
398	GLOBAL	Cartesian	3000.	4800.	0.
399	GLOBAL	Cartesian	3000.	4600.	0.
400	GLOBAL	Cartesian	3000.	4400.	0.
401	GLOBAL	Cartesian	3000.	4200.	0.
402	GLOBAL	Cartesian	3000.	4000.	0.
403	GLOBAL	Cartesian	3000.	3800.	0.
404	GLOBAL	Cartesian	3000.	3600.	0.
405	GLOBAL	Cartesian	3000.	3400.	0.
406	GLOBAL	Cartesian	3000.	3200.	0.
407	GLOBAL	Cartesian	3000.	3000.	0.
408	GLOBAL	Cartesian	3000.	2800.	0.
409	GLOBAL	Cartesian	3000.	2600.	0.
410	GLOBAL	Cartesian	3000.	2400.	0.
411	GLOBAL	Cartesian	3000.	2200.	0.
412	GLOBAL	Cartesian	3000.	2000.	0.
413	GLOBAL	Cartesian	3000.	1800.	0.
414	GLOBAL	Cartesian	3000.	1600.	0.
415	GLOBAL	Cartesian	3000.	1400.	0.
416	GLOBAL	Cartesian	3000.	1200.	0.
417	GLOBAL	Cartesian	3000.	1000.	0.
418	GLOBAL	Cartesian	3000.	800.	0.
419	GLOBAL	Cartesian	3000.	600.	0.
420	GLOBAL	Cartesian	3000.	400.	0.
421	GLOBAL	Cartesian	3000.	200.	0.
422	GLOBAL	Cartesian	3000.	0.	0.
423	GLOBAL	Cartesian	3200.	5000.	0.
424	GLOBAL	Cartesian	3200.	4800.	0.
425	GLOBAL	Cartesian	3200.	4600.	0.
426	GLOBAL	Cartesian	3200.	4400.	0.
427	GLOBAL	Cartesian	3200.	4200.	0.
428	GLOBAL	Cartesian	3200.	4000.	0.
429	GLOBAL	Cartesian	3200.	3800.	0.
430	GLOBAL	Cartesian	3200.	3600.	0.
431	GLOBAL	Cartesian	3200.	3400.	0.
432	GLOBAL	Cartesian	3200.	3200.	0.
433	GLOBAL	Cartesian	3200.	3000.	0.
434	GLOBAL	Cartesian	3200.	2800.	0.
435	GLOBAL	Cartesian	3200.	2600.	0.
436	GLOBAL	Cartesian	3200.	2400.	0.
437	GLOBAL	Cartesian	3200.	2200.	0.
438	GLOBAL	Cartesian	3200.	2000.	0.
439	GLOBAL	Cartesian	3200.	1800.	0.
440	GLOBAL	Cartesian	3200.	1600.	0.
441	GLOBAL	Cartesian	3200.	1400.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
442	GLOBAL	Cartesian	3200.	1200.	0.
443	GLOBAL	Cartesian	3200.	1000.	0.
444	GLOBAL	Cartesian	3200.	800.	0.
445	GLOBAL	Cartesian	3200.	600.	0.
446	GLOBAL	Cartesian	3200.	400.	0.
447	GLOBAL	Cartesian	3200.	200.	0.
448	GLOBAL	Cartesian	3200.	0.	0.
449	GLOBAL	Cartesian	3400.	5000.	0.
450	GLOBAL	Cartesian	3400.	4800.	0.
451	GLOBAL	Cartesian	3400.	4600.	0.
452	GLOBAL	Cartesian	3400.	4400.	0.
453	GLOBAL	Cartesian	3400.	4200.	0.
454	GLOBAL	Cartesian	3400.	4000.	0.
455	GLOBAL	Cartesian	3400.	3800.	0.
456	GLOBAL	Cartesian	3400.	3600.	0.
457	GLOBAL	Cartesian	3400.	3400.	0.
458	GLOBAL	Cartesian	3400.	3200.	0.
459	GLOBAL	Cartesian	3400.	3000.	0.
460	GLOBAL	Cartesian	3400.	2800.	0.
461	GLOBAL	Cartesian	3400.	2600.	0.
462	GLOBAL	Cartesian	3400.	2400.	0.
463	GLOBAL	Cartesian	3400.	2200.	0.
464	GLOBAL	Cartesian	3400.	2000.	0.
465	GLOBAL	Cartesian	3400.	1800.	0.
466	GLOBAL	Cartesian	3400.	1600.	0.
467	GLOBAL	Cartesian	3400.	1400.	0.
468	GLOBAL	Cartesian	3400.	1200.	0.
469	GLOBAL	Cartesian	3400.	1000.	0.
470	GLOBAL	Cartesian	3400.	800.	0.
471	GLOBAL	Cartesian	3400.	600.	0.
472	GLOBAL	Cartesian	3400.	400.	0.
473	GLOBAL	Cartesian	3400.	200.	0.
474	GLOBAL	Cartesian	3400.	0.	0.
475	GLOBAL	Cartesian	3600.	5000.	0.
476	GLOBAL	Cartesian	3600.	4800.	0.
477	GLOBAL	Cartesian	3600.	4600.	0.
478	GLOBAL	Cartesian	3600.	4400.	0.
479	GLOBAL	Cartesian	3600.	4200.	0.
480	GLOBAL	Cartesian	3600.	4000.	0.
481	GLOBAL	Cartesian	3600.	3800.	0.
482	GLOBAL	Cartesian	3600.	3600.	0.
483	GLOBAL	Cartesian	3600.	3400.	0.
484	GLOBAL	Cartesian	3600.	3200.	0.
485	GLOBAL	Cartesian	3600.	3000.	0.
486	GLOBAL	Cartesian	3600.	2800.	0.
487	GLOBAL	Cartesian	3600.	2600.	0.
488	GLOBAL	Cartesian	3600.	2400.	0.
489	GLOBAL	Cartesian	3600.	2200.	0.
490	GLOBAL	Cartesian	3600.	2000.	0.
491	GLOBAL	Cartesian	3600.	1800.	0.
492	GLOBAL	Cartesian	3600.	1600.	0.
493	GLOBAL	Cartesian	3600.	1400.	0.
494	GLOBAL	Cartesian	3600.	1200.	0.
495	GLOBAL	Cartesian	3600.	1000.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
496	GLOBAL	Cartesian	3600.	800.	0.
497	GLOBAL	Cartesian	3600.	600.	0.
498	GLOBAL	Cartesian	3600.	400.	0.
499	GLOBAL	Cartesian	3600.	200.	0.
500	GLOBAL	Cartesian	3600.	0.	0.
501	GLOBAL	Cartesian	3800.	5000.	0.
502	GLOBAL	Cartesian	3800.	4800.	0.
503	GLOBAL	Cartesian	3800.	4600.	0.
504	GLOBAL	Cartesian	3800.	4400.	0.
505	GLOBAL	Cartesian	3800.	4200.	0.
506	GLOBAL	Cartesian	3800.	4000.	0.
507	GLOBAL	Cartesian	3800.	3800.	0.
508	GLOBAL	Cartesian	3800.	3600.	0.
509	GLOBAL	Cartesian	3800.	3400.	0.
510	GLOBAL	Cartesian	3800.	3200.	0.
511	GLOBAL	Cartesian	3800.	3000.	0.
512	GLOBAL	Cartesian	3800.	2800.	0.
513	GLOBAL	Cartesian	3800.	2600.	0.
514	GLOBAL	Cartesian	3800.	2400.	0.
515	GLOBAL	Cartesian	3800.	2200.	0.
516	GLOBAL	Cartesian	3800.	2000.	0.
517	GLOBAL	Cartesian	3800.	1800.	0.
518	GLOBAL	Cartesian	3800.	1600.	0.
519	GLOBAL	Cartesian	3800.	1400.	0.
520	GLOBAL	Cartesian	3800.	1200.	0.
521	GLOBAL	Cartesian	3800.	1000.	0.
522	GLOBAL	Cartesian	3800.	800.	0.
523	GLOBAL	Cartesian	3800.	600.	0.
524	GLOBAL	Cartesian	3800.	400.	0.
525	GLOBAL	Cartesian	3800.	200.	0.
526	GLOBAL	Cartesian	3800.	0.	0.
527	GLOBAL	Cartesian	4000.	5000.	0.
528	GLOBAL	Cartesian	4000.	4800.	0.
529	GLOBAL	Cartesian	4000.	4600.	0.
530	GLOBAL	Cartesian	4000.	4400.	0.
531	GLOBAL	Cartesian	4000.	4200.	0.
532	GLOBAL	Cartesian	4000.	4000.	0.
533	GLOBAL	Cartesian	4000.	3800.	0.
534	GLOBAL	Cartesian	4000.	3600.	0.
535	GLOBAL	Cartesian	4000.	3400.	0.
536	GLOBAL	Cartesian	4000.	3200.	0.
537	GLOBAL	Cartesian	4000.	3000.	0.
538	GLOBAL	Cartesian	4000.	2800.	0.
539	GLOBAL	Cartesian	4000.	2600.	0.
540	GLOBAL	Cartesian	4000.	2400.	0.
541	GLOBAL	Cartesian	4000.	2200.	0.
542	GLOBAL	Cartesian	4000.	2000.	0.
543	GLOBAL	Cartesian	4000.	1800.	0.
544	GLOBAL	Cartesian	4000.	1600.	0.
545	GLOBAL	Cartesian	4000.	1400.	0.
546	GLOBAL	Cartesian	4000.	1200.	0.
547	GLOBAL	Cartesian	4000.	1000.	0.
548	GLOBAL	Cartesian	4000.	800.	0.
549	GLOBAL	Cartesian	4000.	600.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
550	GLOBAL	Cartesian	4000.	400.	0.
551	GLOBAL	Cartesian	4000.	200.	0.
552	GLOBAL	Cartesian	4000.	0.	0.
553	GLOBAL	Cartesian	4200.	5000.	0.
554	GLOBAL	Cartesian	4200.	4800.	0.
555	GLOBAL	Cartesian	4200.	4600.	0.
556	GLOBAL	Cartesian	4200.	4400.	0.
557	GLOBAL	Cartesian	4200.	4200.	0.
558	GLOBAL	Cartesian	4200.	4000.	0.
559	GLOBAL	Cartesian	4200.	3800.	0.
560	GLOBAL	Cartesian	4200.	3600.	0.
561	GLOBAL	Cartesian	4200.	3400.	0.
562	GLOBAL	Cartesian	4200.	3200.	0.
563	GLOBAL	Cartesian	4200.	3000.	0.
564	GLOBAL	Cartesian	4200.	2800.	0.
565	GLOBAL	Cartesian	4200.	2600.	0.
566	GLOBAL	Cartesian	4200.	2400.	0.
567	GLOBAL	Cartesian	4200.	2200.	0.
568	GLOBAL	Cartesian	4200.	2000.	0.
569	GLOBAL	Cartesian	4200.	1800.	0.
570	GLOBAL	Cartesian	4200.	1600.	0.
571	GLOBAL	Cartesian	4200.	1400.	0.
572	GLOBAL	Cartesian	4200.	1200.	0.
573	GLOBAL	Cartesian	4200.	1000.	0.
574	GLOBAL	Cartesian	4200.	800.	0.
575	GLOBAL	Cartesian	4200.	600.	0.
576	GLOBAL	Cartesian	4200.	400.	0.
577	GLOBAL	Cartesian	4200.	200.	0.
578	GLOBAL	Cartesian	4200.	0.	0.
579	GLOBAL	Cartesian	4400.	5000.	0.
580	GLOBAL	Cartesian	4400.	4800.	0.
581	GLOBAL	Cartesian	4400.	4600.	0.
582	GLOBAL	Cartesian	4400.	4400.	0.
583	GLOBAL	Cartesian	4400.	4200.	0.
584	GLOBAL	Cartesian	4400.	4000.	0.
585	GLOBAL	Cartesian	4400.	3800.	0.
586	GLOBAL	Cartesian	4400.	3600.	0.
587	GLOBAL	Cartesian	4400.	3400.	0.
588	GLOBAL	Cartesian	4400.	3200.	0.
589	GLOBAL	Cartesian	4400.	3000.	0.
590	GLOBAL	Cartesian	4400.	2800.	0.
591	GLOBAL	Cartesian	4400.	2600.	0.
592	GLOBAL	Cartesian	4400.	2400.	0.
593	GLOBAL	Cartesian	4400.	2200.	0.
594	GLOBAL	Cartesian	4400.	2000.	0.
595	GLOBAL	Cartesian	4400.	1800.	0.
596	GLOBAL	Cartesian	4400.	1600.	0.
597	GLOBAL	Cartesian	4400.	1400.	0.
598	GLOBAL	Cartesian	4400.	1200.	0.
599	GLOBAL	Cartesian	4400.	1000.	0.
600	GLOBAL	Cartesian	4400.	800.	0.
601	GLOBAL	Cartesian	4400.	600.	0.
602	GLOBAL	Cartesian	4400.	400.	0.
603	GLOBAL	Cartesian	4400.	200.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX	GlobalY	GlobalZ
			mm	mm	mm
604	GLOBAL	Cartesian	4400.	0.	0.
605	GLOBAL	Cartesian	4600.	5000.	0.
606	GLOBAL	Cartesian	4600.	4800.	0.
607	GLOBAL	Cartesian	4600.	4600.	0.
608	GLOBAL	Cartesian	4600.	4400.	0.
609	GLOBAL	Cartesian	4600.	4200.	0.
610	GLOBAL	Cartesian	4600.	4000.	0.
611	GLOBAL	Cartesian	4600.	3800.	0.
612	GLOBAL	Cartesian	4600.	3600.	0.
613	GLOBAL	Cartesian	4600.	3400.	0.
614	GLOBAL	Cartesian	4600.	3200.	0.
615	GLOBAL	Cartesian	4600.	3000.	0.
616	GLOBAL	Cartesian	4600.	2800.	0.
617	GLOBAL	Cartesian	4600.	2600.	0.
618	GLOBAL	Cartesian	4600.	2400.	0.
619	GLOBAL	Cartesian	4600.	2200.	0.
620	GLOBAL	Cartesian	4600.	2000.	0.
621	GLOBAL	Cartesian	4600.	1800.	0.
622	GLOBAL	Cartesian	4600.	1600.	0.
623	GLOBAL	Cartesian	4600.	1400.	0.
624	GLOBAL	Cartesian	4600.	1200.	0.
625	GLOBAL	Cartesian	4600.	1000.	0.
626	GLOBAL	Cartesian	4600.	800.	0.
627	GLOBAL	Cartesian	4600.	600.	0.
628	GLOBAL	Cartesian	4600.	400.	0.
629	GLOBAL	Cartesian	4600.	200.	0.
630	GLOBAL	Cartesian	4600.	0.	0.
631	GLOBAL	Cartesian	4800.	5000.	0.
632	GLOBAL	Cartesian	4800.	4800.	0.
633	GLOBAL	Cartesian	4800.	4600.	0.
634	GLOBAL	Cartesian	4800.	4400.	0.
635	GLOBAL	Cartesian	4800.	4200.	0.
636	GLOBAL	Cartesian	4800.	4000.	0.
637	GLOBAL	Cartesian	4800.	3800.	0.
638	GLOBAL	Cartesian	4800.	3600.	0.
639	GLOBAL	Cartesian	4800.	3400.	0.
640	GLOBAL	Cartesian	4800.	3200.	0.
641	GLOBAL	Cartesian	4800.	3000.	0.
642	GLOBAL	Cartesian	4800.	2800.	0.
643	GLOBAL	Cartesian	4800.	2600.	0.
644	GLOBAL	Cartesian	4800.	2400.	0.
645	GLOBAL	Cartesian	4800.	2200.	0.
646	GLOBAL	Cartesian	4800.	2000.	0.
647	GLOBAL	Cartesian	4800.	1800.	0.
648	GLOBAL	Cartesian	4800.	1600.	0.
649	GLOBAL	Cartesian	4800.	1400.	0.
650	GLOBAL	Cartesian	4800.	1200.	0.
651	GLOBAL	Cartesian	4800.	1000.	0.
652	GLOBAL	Cartesian	4800.	800.	0.
653	GLOBAL	Cartesian	4800.	600.	0.
654	GLOBAL	Cartesian	4800.	400.	0.
655	GLOBAL	Cartesian	4800.	200.	0.
656	GLOBAL	Cartesian	4800.	0.	0.
657	GLOBAL	Cartesian	5000.	4800.	0.

Table 1: Joint Coordinates

Joint	CoordSys	CoordType	GlobalX mm	GlobalY mm	GlobalZ mm
658	GLOBAL	Cartesian	5000.	4600.	0.
659	GLOBAL	Cartesian	5000.	4400.	0.
660	GLOBAL	Cartesian	5000.	4200.	0.
661	GLOBAL	Cartesian	5000.	4000.	0.
662	GLOBAL	Cartesian	5000.	3800.	0.
663	GLOBAL	Cartesian	5000.	3600.	0.
664	GLOBAL	Cartesian	5000.	3400.	0.
665	GLOBAL	Cartesian	5000.	3200.	0.
666	GLOBAL	Cartesian	5000.	3000.	0.
667	GLOBAL	Cartesian	5000.	2800.	0.
668	GLOBAL	Cartesian	5000.	2600.	0.
669	GLOBAL	Cartesian	5000.	2400.	0.
670	GLOBAL	Cartesian	5000.	2200.	0.
671	GLOBAL	Cartesian	5000.	2000.	0.
672	GLOBAL	Cartesian	5000.	1800.	0.
673	GLOBAL	Cartesian	5000.	1600.	0.
674	GLOBAL	Cartesian	5000.	1400.	0.
675	GLOBAL	Cartesian	5000.	1200.	0.
676	GLOBAL	Cartesian	5000.	1000.	0.
677	GLOBAL	Cartesian	5000.	800.	0.
678	GLOBAL	Cartesian	5000.	600.	0.
679	GLOBAL	Cartesian	5000.	400.	0.
680	GLOBAL	Cartesian	5000.	200.	0.

1.2. Joint restraints

Table 2: Joint Restraint Assignments

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
5	Yes	Yes	No	No	No	No
6	Yes	Yes	No	No	No	No
7	Yes	Yes	No	No	No	No
8	Yes	Yes	No	No	No	No
9	Yes	Yes	No	No	No	No
10	Yes	Yes	No	No	No	No
11	Yes	Yes	No	No	No	No
12	Yes	Yes	No	No	No	No
13	Yes	Yes	No	No	No	No
14	Yes	Yes	No	No	No	No
15	Yes	Yes	No	No	No	No
16	Yes	Yes	No	No	No	No
17	Yes	Yes	No	No	No	No
18	Yes	Yes	No	No	No	No
19	Yes	Yes	No	No	No	No
20	Yes	Yes	No	No	No	No
21	Yes	Yes	No	No	No	No
22	Yes	Yes	No	No	No	No
23	Yes	Yes	No	No	No	No
24	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
25	Yes	Yes	No	No	No	No
26	Yes	Yes	No	No	No	No
27	Yes	Yes	No	No	No	No
28	Yes	Yes	No	No	No	No
29	Yes	Yes	No	No	No	No
30	Yes	Yes	No	No	No	No
31	Yes	Yes	No	No	No	No
32	Yes	Yes	No	No	No	No
33	Yes	Yes	No	No	No	No
34	Yes	Yes	No	No	No	No
35	Yes	Yes	No	No	No	No
36	Yes	Yes	No	No	No	No
37	Yes	Yes	No	No	No	No
38	Yes	Yes	No	No	No	No
39	Yes	Yes	No	No	No	No
40	Yes	Yes	No	No	No	No
41	Yes	Yes	No	No	No	No
42	Yes	Yes	No	No	No	No
43	Yes	Yes	No	No	No	No
44	Yes	Yes	No	No	No	No
45	Yes	Yes	No	No	No	No
46	Yes	Yes	No	No	No	No
47	Yes	Yes	No	No	No	No
48	Yes	Yes	No	No	No	No
49	Yes	Yes	No	No	No	No
50	Yes	Yes	No	No	No	No
51	Yes	Yes	No	No	No	No
52	Yes	Yes	No	No	No	No
53	Yes	Yes	No	No	No	No
54	Yes	Yes	No	No	No	No
55	Yes	Yes	No	No	No	No
56	Yes	Yes	No	No	No	No
57	Yes	Yes	No	No	No	No
58	Yes	Yes	No	No	No	No
59	Yes	Yes	No	No	No	No
60	Yes	Yes	No	No	No	No
61	Yes	Yes	No	No	No	No
62	Yes	Yes	No	No	No	No
63	Yes	Yes	No	No	No	No
64	Yes	Yes	No	No	No	No
65	Yes	Yes	No	No	No	No
66	Yes	Yes	No	No	No	No
67	Yes	Yes	No	No	No	No
68	Yes	Yes	No	No	No	No
69	Yes	Yes	No	No	No	No
70	Yes	Yes	No	No	No	No
71	Yes	Yes	No	No	No	No
72	Yes	Yes	No	No	No	No
73	Yes	Yes	No	No	No	No
74	Yes	Yes	No	No	No	No
75	Yes	Yes	No	No	No	No
76	Yes	Yes	No	No	No	No
77	Yes	Yes	No	No	No	No
78	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
79	Yes	Yes	No	No	No	No
80	Yes	Yes	No	No	No	No
81	Yes	Yes	No	No	No	No
82	Yes	Yes	No	No	No	No
83	Yes	Yes	No	No	No	No
84	Yes	Yes	No	No	No	No
85	Yes	Yes	No	No	No	No
86	Yes	Yes	No	No	No	No
87	Yes	Yes	No	No	No	No
88	Yes	Yes	No	No	No	No
89	Yes	Yes	No	No	No	No
90	Yes	Yes	No	No	No	No
91	Yes	Yes	No	No	No	No
92	Yes	Yes	No	No	No	No
93	Yes	Yes	No	No	No	No
94	Yes	Yes	No	No	No	No
95	Yes	Yes	No	No	No	No
96	Yes	Yes	No	No	No	No
97	Yes	Yes	No	No	No	No
98	Yes	Yes	No	No	No	No
99	Yes	Yes	No	No	No	No
100	Yes	Yes	No	No	No	No
101	Yes	Yes	No	No	No	No
102	Yes	Yes	No	No	No	No
103	Yes	Yes	No	No	No	No
104	Yes	Yes	No	No	No	No
105	Yes	Yes	No	No	No	No
106	Yes	Yes	No	No	No	No
107	Yes	Yes	No	No	No	No
108	Yes	Yes	No	No	No	No
109	Yes	Yes	No	No	No	No
110	Yes	Yes	No	No	No	No
111	Yes	Yes	No	No	No	No
112	Yes	Yes	No	No	No	No
113	Yes	Yes	No	No	No	No
114	Yes	Yes	No	No	No	No
115	Yes	Yes	No	No	No	No
116	Yes	Yes	No	No	No	No
117	Yes	Yes	No	No	No	No
118	Yes	Yes	No	No	No	No
119	Yes	Yes	No	No	No	No
120	Yes	Yes	No	No	No	No
121	Yes	Yes	No	No	No	No
122	Yes	Yes	No	No	No	No
123	Yes	Yes	No	No	No	No
124	Yes	Yes	No	No	No	No
125	Yes	Yes	No	No	No	No
126	Yes	Yes	No	No	No	No
127	Yes	Yes	No	No	No	No
128	Yes	Yes	No	No	No	No
129	Yes	Yes	No	No	No	No
130	Yes	Yes	No	No	No	No
131	Yes	Yes	No	No	No	No
132	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
133	Yes	Yes	No	No	No	No
134	Yes	Yes	No	No	No	No
135	Yes	Yes	No	No	No	No
136	Yes	Yes	No	No	No	No
137	Yes	Yes	No	No	No	No
138	Yes	Yes	No	No	No	No
139	Yes	Yes	No	No	No	No
140	Yes	Yes	No	No	No	No
141	Yes	Yes	No	No	No	No
142	Yes	Yes	No	No	No	No
143	Yes	Yes	No	No	No	No
144	Yes	Yes	No	No	No	No
145	Yes	Yes	No	No	No	No
146	Yes	Yes	No	No	No	No
147	Yes	Yes	No	No	No	No
148	Yes	Yes	No	No	No	No
149	Yes	Yes	No	No	No	No
150	Yes	Yes	No	No	No	No
151	Yes	Yes	No	No	No	No
152	Yes	Yes	No	No	No	No
153	Yes	Yes	No	No	No	No
154	Yes	Yes	No	No	No	No
155	Yes	Yes	No	No	No	No
156	Yes	Yes	No	No	No	No
157	Yes	Yes	No	No	No	No
158	Yes	Yes	No	No	No	No
159	Yes	Yes	No	No	No	No
160	Yes	Yes	No	No	No	No
161	Yes	Yes	No	No	No	No
162	Yes	Yes	No	No	No	No
163	Yes	Yes	No	No	No	No
164	Yes	Yes	No	No	No	No
165	Yes	Yes	No	No	No	No
166	Yes	Yes	No	No	No	No
167	Yes	Yes	No	No	No	No
168	Yes	Yes	No	No	No	No
169	Yes	Yes	No	No	No	No
170	Yes	Yes	No	No	No	No
171	Yes	Yes	No	No	No	No
172	Yes	Yes	No	No	No	No
173	Yes	Yes	No	No	No	No
174	Yes	Yes	No	No	No	No
175	Yes	Yes	No	No	No	No
176	Yes	Yes	No	No	No	No
177	Yes	Yes	No	No	No	No
178	Yes	Yes	No	No	No	No
179	Yes	Yes	No	No	No	No
180	Yes	Yes	No	No	No	No
181	Yes	Yes	No	No	No	No
182	Yes	Yes	No	No	No	No
183	Yes	Yes	No	No	No	No
184	Yes	Yes	No	No	No	No
185	Yes	Yes	No	No	No	No
186	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
187	Yes	Yes	No	No	No	No
188	Yes	Yes	No	No	No	No
189	Yes	Yes	No	No	No	No
190	Yes	Yes	No	No	No	No
191	Yes	Yes	No	No	No	No
192	Yes	Yes	No	No	No	No
193	Yes	Yes	No	No	No	No
194	Yes	Yes	No	No	No	No
195	Yes	Yes	No	No	No	No
196	Yes	Yes	No	No	No	No
197	Yes	Yes	No	No	No	No
198	Yes	Yes	No	No	No	No
199	Yes	Yes	No	No	No	No
200	Yes	Yes	No	No	No	No
201	Yes	Yes	No	No	No	No
202	Yes	Yes	No	No	No	No
203	Yes	Yes	No	No	No	No
204	Yes	Yes	No	No	No	No
205	Yes	Yes	No	No	No	No
206	Yes	Yes	No	No	No	No
207	Yes	Yes	No	No	No	No
208	Yes	Yes	No	No	No	No
209	Yes	Yes	No	No	No	No
210	Yes	Yes	No	No	No	No
211	Yes	Yes	No	No	No	No
212	Yes	Yes	No	No	No	No
213	Yes	Yes	No	No	No	No
214	Yes	Yes	No	No	No	No
215	Yes	Yes	No	No	No	No
216	Yes	Yes	No	No	No	No
217	Yes	Yes	No	No	No	No
218	Yes	Yes	No	No	No	No
219	Yes	Yes	No	No	No	No
220	Yes	Yes	No	No	No	No
221	Yes	Yes	No	No	No	No
222	Yes	Yes	No	No	No	No
223	Yes	Yes	No	No	No	No
224	Yes	Yes	No	No	No	No
225	Yes	Yes	No	No	No	No
226	Yes	Yes	No	No	No	No
227	Yes	Yes	No	No	No	No
228	Yes	Yes	No	No	No	No
229	Yes	Yes	No	No	No	No
230	Yes	Yes	No	No	No	No
231	Yes	Yes	No	No	No	No
232	Yes	Yes	No	No	No	No
233	Yes	Yes	No	No	No	No
234	Yes	Yes	No	No	No	No
235	Yes	Yes	No	No	No	No
236	Yes	Yes	No	No	No	No
237	Yes	Yes	No	No	No	No
238	Yes	Yes	No	No	No	No
239	Yes	Yes	No	No	No	No
240	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
241	Yes	Yes	No	No	No	No
242	Yes	Yes	No	No	No	No
243	Yes	Yes	No	No	No	No
244	Yes	Yes	No	No	No	No
245	Yes	Yes	No	No	No	No
246	Yes	Yes	No	No	No	No
247	Yes	Yes	No	No	No	No
248	Yes	Yes	No	No	No	No
249	Yes	Yes	No	No	No	No
250	Yes	Yes	No	No	No	No
251	Yes	Yes	No	No	No	No
252	Yes	Yes	No	No	No	No
253	Yes	Yes	No	No	No	No
254	Yes	Yes	No	No	No	No
255	Yes	Yes	No	No	No	No
256	Yes	Yes	No	No	No	No
257	Yes	Yes	No	No	No	No
258	Yes	Yes	No	No	No	No
259	Yes	Yes	No	No	No	No
260	Yes	Yes	No	No	No	No
261	Yes	Yes	No	No	No	No
262	Yes	Yes	No	No	No	No
263	Yes	Yes	No	No	No	No
264	Yes	Yes	No	No	No	No
265	Yes	Yes	No	No	No	No
266	Yes	Yes	No	No	No	No
267	Yes	Yes	No	No	No	No
268	Yes	Yes	No	No	No	No
269	Yes	Yes	No	No	No	No
270	Yes	Yes	No	No	No	No
271	Yes	Yes	No	No	No	No
272	Yes	Yes	No	No	No	No
273	Yes	Yes	No	No	No	No
274	Yes	Yes	No	No	No	No
275	Yes	Yes	No	No	No	No
276	Yes	Yes	No	No	No	No
277	Yes	Yes	No	No	No	No
278	Yes	Yes	No	No	No	No
279	Yes	Yes	No	No	No	No
280	Yes	Yes	No	No	No	No
281	Yes	Yes	No	No	No	No
282	Yes	Yes	No	No	No	No
283	Yes	Yes	No	No	No	No
284	Yes	Yes	No	No	No	No
285	Yes	Yes	No	No	No	No
286	Yes	Yes	No	No	No	No
287	Yes	Yes	No	No	No	No
288	Yes	Yes	No	No	No	No
289	Yes	Yes	No	No	No	No
290	Yes	Yes	No	No	No	No
291	Yes	Yes	No	No	No	No
292	Yes	Yes	No	No	No	No
293	Yes	Yes	No	No	No	No
294	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
295	Yes	Yes	No	No	No	No
296	Yes	Yes	No	No	No	No
297	Yes	Yes	No	No	No	No
298	Yes	Yes	No	No	No	No
299	Yes	Yes	No	No	No	No
300	Yes	Yes	No	No	No	No
301	Yes	Yes	No	No	No	No
302	Yes	Yes	No	No	No	No
303	Yes	Yes	No	No	No	No
304	Yes	Yes	No	No	No	No
305	Yes	Yes	No	No	No	No
306	Yes	Yes	No	No	No	No
307	Yes	Yes	No	No	No	No
308	Yes	Yes	No	No	No	No
309	Yes	Yes	No	No	No	No
310	Yes	Yes	No	No	No	No
311	Yes	Yes	No	No	No	No
312	Yes	Yes	No	No	No	No
313	Yes	Yes	No	No	No	No
314	Yes	Yes	No	No	No	No
315	Yes	Yes	No	No	No	No
316	Yes	Yes	No	No	No	No
317	Yes	Yes	No	No	No	No
318	Yes	Yes	No	No	No	No
319	Yes	Yes	No	No	No	No
320	Yes	Yes	No	No	No	No
321	Yes	Yes	No	No	No	No
322	Yes	Yes	No	No	No	No
323	Yes	Yes	No	No	No	No
324	Yes	Yes	No	No	No	No
325	Yes	Yes	No	No	No	No
326	Yes	Yes	No	No	No	No
327	Yes	Yes	No	No	No	No
328	Yes	Yes	No	No	No	No
329	Yes	Yes	No	No	No	No
330	Yes	Yes	No	No	No	No
331	Yes	Yes	No	No	No	No
332	Yes	Yes	No	No	No	No
333	Yes	Yes	No	No	No	No
334	Yes	Yes	No	No	No	No
335	Yes	Yes	No	No	No	No
336	Yes	Yes	No	No	No	No
337	Yes	Yes	No	No	No	No
338	Yes	Yes	No	No	No	No
339	Yes	Yes	No	No	No	No
340	Yes	Yes	No	No	No	No
341	Yes	Yes	No	No	No	No
342	Yes	Yes	No	No	No	No
343	Yes	Yes	No	No	No	No
344	Yes	Yes	No	No	No	No
345	Yes	Yes	No	No	No	No
346	Yes	Yes	No	No	No	No
347	Yes	Yes	No	No	No	No
348	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
349	Yes	Yes	No	No	No	No
350	Yes	Yes	No	No	No	No
351	Yes	Yes	No	No	No	No
352	Yes	Yes	No	No	No	No
353	Yes	Yes	No	No	No	No
354	Yes	Yes	No	No	No	No
355	Yes	Yes	No	No	No	No
356	Yes	Yes	No	No	No	No
357	Yes	Yes	No	No	No	No
358	Yes	Yes	No	No	No	No
359	Yes	Yes	No	No	No	No
360	Yes	Yes	No	No	No	No
361	Yes	Yes	No	No	No	No
362	Yes	Yes	No	No	No	No
363	Yes	Yes	No	No	No	No
364	Yes	Yes	No	No	No	No
365	Yes	Yes	No	No	No	No
366	Yes	Yes	No	No	No	No
367	Yes	Yes	No	No	No	No
368	Yes	Yes	No	No	No	No
369	Yes	Yes	No	No	No	No
370	Yes	Yes	No	No	No	No
371	Yes	Yes	No	No	No	No
372	Yes	Yes	No	No	No	No
373	Yes	Yes	No	No	No	No
374	Yes	Yes	No	No	No	No
375	Yes	Yes	No	No	No	No
376	Yes	Yes	No	No	No	No
377	Yes	Yes	No	No	No	No
378	Yes	Yes	No	No	No	No
379	Yes	Yes	No	No	No	No
380	Yes	Yes	No	No	No	No
381	Yes	Yes	No	No	No	No
382	Yes	Yes	No	No	No	No
383	Yes	Yes	No	No	No	No
384	Yes	Yes	No	No	No	No
385	Yes	Yes	No	No	No	No
386	Yes	Yes	No	No	No	No
387	Yes	Yes	No	No	No	No
388	Yes	Yes	No	No	No	No
389	Yes	Yes	No	No	No	No
390	Yes	Yes	No	No	No	No
391	Yes	Yes	No	No	No	No
392	Yes	Yes	No	No	No	No
393	Yes	Yes	No	No	No	No
394	Yes	Yes	No	No	No	No
395	Yes	Yes	No	No	No	No
396	Yes	Yes	No	No	No	No
397	Yes	Yes	No	No	No	No
398	Yes	Yes	No	No	No	No
399	Yes	Yes	No	No	No	No
400	Yes	Yes	No	No	No	No
401	Yes	Yes	No	No	No	No
402	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
403	Yes	Yes	No	No	No	No
404	Yes	Yes	No	No	No	No
405	Yes	Yes	No	No	No	No
406	Yes	Yes	No	No	No	No
407	Yes	Yes	No	No	No	No
408	Yes	Yes	No	No	No	No
409	Yes	Yes	No	No	No	No
410	Yes	Yes	No	No	No	No
411	Yes	Yes	No	No	No	No
412	Yes	Yes	No	No	No	No
413	Yes	Yes	No	No	No	No
414	Yes	Yes	No	No	No	No
415	Yes	Yes	No	No	No	No
416	Yes	Yes	No	No	No	No
417	Yes	Yes	No	No	No	No
418	Yes	Yes	No	No	No	No
419	Yes	Yes	No	No	No	No
420	Yes	Yes	No	No	No	No
421	Yes	Yes	No	No	No	No
422	Yes	Yes	No	No	No	No
423	Yes	Yes	No	No	No	No
424	Yes	Yes	No	No	No	No
425	Yes	Yes	No	No	No	No
426	Yes	Yes	No	No	No	No
427	Yes	Yes	No	No	No	No
428	Yes	Yes	No	No	No	No
429	Yes	Yes	No	No	No	No
430	Yes	Yes	No	No	No	No
431	Yes	Yes	No	No	No	No
432	Yes	Yes	No	No	No	No
433	Yes	Yes	No	No	No	No
434	Yes	Yes	No	No	No	No
435	Yes	Yes	No	No	No	No
436	Yes	Yes	No	No	No	No
437	Yes	Yes	No	No	No	No
438	Yes	Yes	No	No	No	No
439	Yes	Yes	No	No	No	No
440	Yes	Yes	No	No	No	No
441	Yes	Yes	No	No	No	No
442	Yes	Yes	No	No	No	No
443	Yes	Yes	No	No	No	No
444	Yes	Yes	No	No	No	No
445	Yes	Yes	No	No	No	No
446	Yes	Yes	No	No	No	No
447	Yes	Yes	No	No	No	No
448	Yes	Yes	No	No	No	No
449	Yes	Yes	No	No	No	No
450	Yes	Yes	No	No	No	No
451	Yes	Yes	No	No	No	No
452	Yes	Yes	No	No	No	No
453	Yes	Yes	No	No	No	No
454	Yes	Yes	No	No	No	No
455	Yes	Yes	No	No	No	No
456	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
457	Yes	Yes	No	No	No	No
458	Yes	Yes	No	No	No	No
459	Yes	Yes	No	No	No	No
460	Yes	Yes	No	No	No	No
461	Yes	Yes	No	No	No	No
462	Yes	Yes	No	No	No	No
463	Yes	Yes	No	No	No	No
464	Yes	Yes	No	No	No	No
465	Yes	Yes	No	No	No	No
466	Yes	Yes	No	No	No	No
467	Yes	Yes	No	No	No	No
468	Yes	Yes	No	No	No	No
469	Yes	Yes	No	No	No	No
470	Yes	Yes	No	No	No	No
471	Yes	Yes	No	No	No	No
472	Yes	Yes	No	No	No	No
473	Yes	Yes	No	No	No	No
474	Yes	Yes	No	No	No	No
475	Yes	Yes	No	No	No	No
476	Yes	Yes	No	No	No	No
477	Yes	Yes	No	No	No	No
478	Yes	Yes	No	No	No	No
479	Yes	Yes	No	No	No	No
480	Yes	Yes	No	No	No	No
481	Yes	Yes	No	No	No	No
482	Yes	Yes	No	No	No	No
483	Yes	Yes	No	No	No	No
484	Yes	Yes	No	No	No	No
485	Yes	Yes	No	No	No	No
486	Yes	Yes	No	No	No	No
487	Yes	Yes	No	No	No	No
488	Yes	Yes	No	No	No	No
489	Yes	Yes	No	No	No	No
490	Yes	Yes	No	No	No	No
491	Yes	Yes	No	No	No	No
492	Yes	Yes	No	No	No	No
493	Yes	Yes	No	No	No	No
494	Yes	Yes	No	No	No	No
495	Yes	Yes	No	No	No	No
496	Yes	Yes	No	No	No	No
497	Yes	Yes	No	No	No	No
498	Yes	Yes	No	No	No	No
499	Yes	Yes	No	No	No	No
500	Yes	Yes	No	No	No	No
501	Yes	Yes	No	No	No	No
502	Yes	Yes	No	No	No	No
503	Yes	Yes	No	No	No	No
504	Yes	Yes	No	No	No	No
505	Yes	Yes	No	No	No	No
506	Yes	Yes	No	No	No	No
507	Yes	Yes	No	No	No	No
508	Yes	Yes	No	No	No	No
509	Yes	Yes	No	No	No	No
510	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
511	Yes	Yes	No	No	No	No
512	Yes	Yes	No	No	No	No
513	Yes	Yes	No	No	No	No
514	Yes	Yes	No	No	No	No
515	Yes	Yes	No	No	No	No
516	Yes	Yes	No	No	No	No
517	Yes	Yes	No	No	No	No
518	Yes	Yes	No	No	No	No
519	Yes	Yes	No	No	No	No
520	Yes	Yes	No	No	No	No
521	Yes	Yes	No	No	No	No
522	Yes	Yes	No	No	No	No
523	Yes	Yes	No	No	No	No
524	Yes	Yes	No	No	No	No
525	Yes	Yes	No	No	No	No
526	Yes	Yes	No	No	No	No
527	Yes	Yes	No	No	No	No
528	Yes	Yes	No	No	No	No
529	Yes	Yes	No	No	No	No
530	Yes	Yes	No	No	No	No
531	Yes	Yes	No	No	No	No
532	Yes	Yes	No	No	No	No
533	Yes	Yes	No	No	No	No
534	Yes	Yes	No	No	No	No
535	Yes	Yes	No	No	No	No
536	Yes	Yes	No	No	No	No
537	Yes	Yes	No	No	No	No
538	Yes	Yes	No	No	No	No
539	Yes	Yes	No	No	No	No
540	Yes	Yes	No	No	No	No
541	Yes	Yes	No	No	No	No
542	Yes	Yes	No	No	No	No
543	Yes	Yes	No	No	No	No
544	Yes	Yes	No	No	No	No
545	Yes	Yes	No	No	No	No
546	Yes	Yes	No	No	No	No
547	Yes	Yes	No	No	No	No
548	Yes	Yes	No	No	No	No
549	Yes	Yes	No	No	No	No
550	Yes	Yes	No	No	No	No
551	Yes	Yes	No	No	No	No
552	Yes	Yes	No	No	No	No
553	Yes	Yes	No	No	No	No
554	Yes	Yes	No	No	No	No
555	Yes	Yes	No	No	No	No
556	Yes	Yes	No	No	No	No
557	Yes	Yes	No	No	No	No
558	Yes	Yes	No	No	No	No
559	Yes	Yes	No	No	No	No
560	Yes	Yes	No	No	No	No
561	Yes	Yes	No	No	No	No
562	Yes	Yes	No	No	No	No
563	Yes	Yes	No	No	No	No
564	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
565	Yes	Yes	No	No	No	No
566	Yes	Yes	No	No	No	No
567	Yes	Yes	No	No	No	No
568	Yes	Yes	No	No	No	No
569	Yes	Yes	No	No	No	No
570	Yes	Yes	No	No	No	No
571	Yes	Yes	No	No	No	No
572	Yes	Yes	No	No	No	No
573	Yes	Yes	No	No	No	No
574	Yes	Yes	No	No	No	No
575	Yes	Yes	No	No	No	No
576	Yes	Yes	No	No	No	No
577	Yes	Yes	No	No	No	No
578	Yes	Yes	No	No	No	No
579	Yes	Yes	No	No	No	No
580	Yes	Yes	No	No	No	No
581	Yes	Yes	No	No	No	No
582	Yes	Yes	No	No	No	No
583	Yes	Yes	No	No	No	No
584	Yes	Yes	No	No	No	No
585	Yes	Yes	No	No	No	No
586	Yes	Yes	No	No	No	No
587	Yes	Yes	No	No	No	No
588	Yes	Yes	No	No	No	No
589	Yes	Yes	No	No	No	No
590	Yes	Yes	No	No	No	No
591	Yes	Yes	No	No	No	No
592	Yes	Yes	No	No	No	No
593	Yes	Yes	No	No	No	No
594	Yes	Yes	No	No	No	No
595	Yes	Yes	No	No	No	No
596	Yes	Yes	No	No	No	No
597	Yes	Yes	No	No	No	No
598	Yes	Yes	No	No	No	No
599	Yes	Yes	No	No	No	No
600	Yes	Yes	No	No	No	No
601	Yes	Yes	No	No	No	No
602	Yes	Yes	No	No	No	No
603	Yes	Yes	No	No	No	No
604	Yes	Yes	No	No	No	No
605	Yes	Yes	No	No	No	No
606	Yes	Yes	No	No	No	No
607	Yes	Yes	No	No	No	No
608	Yes	Yes	No	No	No	No
609	Yes	Yes	No	No	No	No
610	Yes	Yes	No	No	No	No
611	Yes	Yes	No	No	No	No
612	Yes	Yes	No	No	No	No
613	Yes	Yes	No	No	No	No
614	Yes	Yes	No	No	No	No
615	Yes	Yes	No	No	No	No
616	Yes	Yes	No	No	No	No
617	Yes	Yes	No	No	No	No
618	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
619	Yes	Yes	No	No	No	No
620	Yes	Yes	No	No	No	No
621	Yes	Yes	No	No	No	No
622	Yes	Yes	No	No	No	No
623	Yes	Yes	No	No	No	No
624	Yes	Yes	No	No	No	No
625	Yes	Yes	No	No	No	No
626	Yes	Yes	No	No	No	No
627	Yes	Yes	No	No	No	No
628	Yes	Yes	No	No	No	No
629	Yes	Yes	No	No	No	No
630	Yes	Yes	No	No	No	No
631	Yes	Yes	No	No	No	No
632	Yes	Yes	No	No	No	No
633	Yes	Yes	No	No	No	No
634	Yes	Yes	No	No	No	No
635	Yes	Yes	No	No	No	No
636	Yes	Yes	No	No	No	No
637	Yes	Yes	No	No	No	No
638	Yes	Yes	No	No	No	No
639	Yes	Yes	No	No	No	No
640	Yes	Yes	No	No	No	No
641	Yes	Yes	No	No	No	No
642	Yes	Yes	No	No	No	No
643	Yes	Yes	No	No	No	No
644	Yes	Yes	No	No	No	No
645	Yes	Yes	No	No	No	No
646	Yes	Yes	No	No	No	No
647	Yes	Yes	No	No	No	No
648	Yes	Yes	No	No	No	No
649	Yes	Yes	No	No	No	No
650	Yes	Yes	No	No	No	No
651	Yes	Yes	No	No	No	No
652	Yes	Yes	No	No	No	No
653	Yes	Yes	No	No	No	No
654	Yes	Yes	No	No	No	No
655	Yes	Yes	No	No	No	No
656	Yes	Yes	No	No	No	No
657	Yes	Yes	No	No	No	No
658	Yes	Yes	No	No	No	No
659	Yes	Yes	No	No	No	No
660	Yes	Yes	No	No	No	No
661	Yes	Yes	No	No	No	No
662	Yes	Yes	No	No	No	No
663	Yes	Yes	No	No	No	No
664	Yes	Yes	No	No	No	No
665	Yes	Yes	No	No	No	No
666	Yes	Yes	No	No	No	No
667	Yes	Yes	No	No	No	No
668	Yes	Yes	No	No	No	No
669	Yes	Yes	No	No	No	No
670	Yes	Yes	No	No	No	No
671	Yes	Yes	No	No	No	No
672	Yes	Yes	No	No	No	No

Table 2: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
673	Yes	Yes	No	No	No	No
674	Yes	Yes	No	No	No	No
675	Yes	Yes	No	No	No	No
676	Yes	Yes	No	No	No	No
677	Yes	Yes	No	No	No	No
678	Yes	Yes	No	No	No	No
679	Yes	Yes	No	No	No	No
680	Yes	Yes	No	No	No	No

1.3. Element connectivity

Table 3: Connectivity - Frame

Table 3: Connectivity - Frame

Frame	JointI	JointJ	Length mm
1	71	591	4000.
2	82	602	4000.
3	171	535	2800.
4	167	531	2800.

Table 4: Frame Section Assignments

Table 4: Frame Section Assignments

Frame	AnalSect	DesignSect	MatProp
1	dummy	N.A.	Default
2	dummy	N.A.	Default
3	dummy	N.A.	Default
4	dummy	N.A.	Default

Table 5: Connectivity - Area

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
3	5	11	10	9
4	11	13	12	10
5	13	15	14	12
6	15	17	16	14
7	17	19	18	16
8	19	21	20	18
9	21	23	22	20
10	23	25	24	22
11	25	27	26	24
12	27	29	28	26
13	29	31	30	28

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
14	31	33	32	30
15	33	35	34	32
16	35	37	36	34
17	37	39	38	36
18	39	41	40	38
19	41	43	42	40
20	43	45	44	42
21	45	47	46	44
22	47	49	48	46
23	49	51	50	48
24	51	53	52	50
25	53	55	54	52
26	55	57	56	54
27	57	8	58	56
28	9	10	60	59
29	10	12	61	60
30	12	14	62	61
31	14	16	63	62
32	16	18	64	63
33	18	20	65	64
34	20	22	66	65
35	22	24	67	66
36	24	26	68	67
37	26	28	69	68
38	28	30	70	69
39	30	32	71	70
40	32	34	72	71
41	34	36	73	72
42	36	38	74	73
43	38	40	75	74
44	40	42	76	75
45	42	44	77	76
46	44	46	78	77
47	46	48	79	78
48	48	50	80	79
49	50	52	81	80
50	52	54	82	81
51	54	56	83	82
52	56	58	84	83
53	59	60	86	85
54	60	61	87	86
55	61	62	88	87
56	62	63	89	88
57	63	64	90	89
58	64	65	91	90
59	65	66	92	91
60	66	67	93	92
61	67	68	94	93
62	68	69	95	94
63	69	70	96	95
64	70	71	97	96
65	71	72	98	97
66	72	73	99	98
67	73	74	100	99

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
68	74	75	101	100
69	75	76	102	101
70	76	77	103	102
71	77	78	104	103
72	78	79	105	104
73	79	80	106	105
74	80	81	107	106
75	81	82	108	107
76	82	83	109	108
77	83	84	110	109
78	85	86	112	111
79	86	87	113	112
80	87	88	114	113
81	88	89	115	114
82	89	90	116	115
83	90	91	117	116
84	91	92	118	117
85	92	93	119	118
86	93	94	120	119
87	94	95	121	120
88	95	96	122	121
89	96	97	123	122
90	97	98	124	123
91	98	99	125	124
92	99	100	126	125
93	100	101	127	126
94	101	102	128	127
95	102	103	129	128
96	103	104	130	129
97	104	105	131	130
98	105	106	132	131
99	106	107	133	132
100	107	108	134	133
101	108	109	135	134
102	109	110	136	135
103	111	112	138	137
104	112	113	139	138
105	113	114	140	139
106	114	115	141	140
107	115	116	142	141
108	116	117	143	142
109	117	118	144	143
110	118	119	145	144
111	119	120	146	145
112	120	121	147	146
113	121	122	148	147
114	122	123	149	148
115	123	124	150	149
116	124	125	151	150
117	125	126	152	151
118	126	127	153	152
119	127	128	154	153
120	128	129	155	154
121	129	130	156	155

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
122	130	131	157	156
123	131	132	158	157
124	132	133	159	158
125	133	134	160	159
126	134	135	161	160
127	135	136	162	161
128	137	138	164	163
129	138	139	165	164
130	139	140	166	165
131	140	141	167	166
132	141	142	168	167
133	142	143	169	168
134	143	144	170	169
135	144	145	171	170
136	145	146	172	171
137	146	147	173	172
138	147	148	174	173
139	148	149	175	174
140	149	150	176	175
141	150	151	177	176
142	151	152	178	177
143	152	153	179	178
144	153	154	180	179
145	154	155	181	180
146	155	156	182	181
147	156	157	183	182
148	157	158	184	183
149	158	159	185	184
150	159	160	186	185
151	160	161	187	186
152	161	162	188	187
153	163	164	190	189
154	164	165	191	190
155	165	166	192	191
156	166	167	193	192
157	167	168	194	193
158	168	169	195	194
159	169	170	196	195
160	170	171	197	196
161	171	172	198	197
162	172	173	199	198
163	173	174	200	199
164	174	175	201	200
165	175	176	202	201
166	176	177	203	202
167	177	178	204	203
168	178	179	205	204
169	179	180	206	205
170	180	181	207	206
171	181	182	208	207
172	182	183	209	208
173	183	184	210	209
174	184	185	211	210
175	185	186	212	211

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
176	186	187	213	212
177	187	188	214	213
178	189	190	216	215
179	190	191	217	216
180	191	192	218	217
181	192	193	219	218
182	193	194	220	219
183	194	195	221	220
184	195	196	222	221
185	196	197	223	222
186	197	198	224	223
187	198	199	225	224
188	199	200	226	225
189	200	201	227	226
190	201	202	228	227
191	202	203	229	228
192	203	204	230	229
193	204	205	231	230
194	205	206	232	231
195	206	207	233	232
196	207	208	234	233
197	208	209	235	234
198	209	210	236	235
199	210	211	237	236
200	211	212	238	237
201	212	213	239	238
202	213	214	240	239
203	215	216	242	241
204	216	217	243	242
205	217	218	244	243
206	218	219	245	244
207	219	220	246	245
208	220	221	247	246
209	221	222	248	247
210	222	223	249	248
211	223	224	250	249
212	224	225	251	250
213	225	226	252	251
214	226	227	253	252
215	227	228	254	253
216	228	229	255	254
217	229	230	256	255
218	230	231	257	256
219	231	232	258	257
220	232	233	259	258
221	233	234	260	259
222	234	235	261	260
223	235	236	262	261
224	236	237	263	262
225	237	238	264	263
226	238	239	265	264
227	239	240	266	265
228	241	242	268	267
229	242	243	269	268

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
230	243	244	270	269
231	244	245	271	270
232	245	246	272	271
233	246	247	273	272
234	247	248	274	273
235	248	249	275	274
236	249	250	276	275
237	250	251	277	276
238	251	252	278	277
239	252	253	279	278
240	253	254	280	279
241	254	255	281	280
242	255	256	282	281
243	256	257	283	282
244	257	258	284	283
245	258	259	285	284
246	259	260	286	285
247	260	261	287	286
248	261	262	288	287
249	262	263	289	288
250	263	264	290	289
251	264	265	291	290
252	265	266	292	291
253	267	268	294	293
254	268	269	295	294
255	269	270	296	295
256	270	271	297	296
257	271	272	298	297
258	272	273	299	298
259	273	274	300	299
260	274	275	301	300
261	275	276	302	301
262	276	277	303	302
263	277	278	304	303
264	278	279	305	304
265	279	280	306	305
266	280	281	307	306
267	281	282	308	307
268	282	283	309	308
269	283	284	310	309
270	284	285	311	310
271	285	286	312	311
272	286	287	313	312
273	287	288	314	313
274	288	289	315	314
275	289	290	316	315
276	290	291	317	316
277	291	292	318	317
278	293	294	320	319
279	294	295	321	320
280	295	296	322	321
281	296	297	323	322
282	297	298	324	323
283	298	299	325	324

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
284	299	300	326	325
285	300	301	327	326
286	301	302	328	327
287	302	303	329	328
288	303	304	330	329
289	304	305	331	330
290	305	306	332	331
291	306	307	333	332
292	307	308	334	333
293	308	309	335	334
294	309	310	336	335
295	310	311	337	336
296	311	312	338	337
297	312	313	339	338
298	313	314	340	339
299	314	315	341	340
300	315	316	342	341
301	316	317	343	342
302	317	318	344	343
303	319	320	346	345
304	320	321	347	346
305	321	322	348	347
306	322	323	349	348
307	323	324	350	349
308	324	325	351	350
309	325	326	352	351
310	326	327	353	352
311	327	328	354	353
312	328	329	355	354
313	329	330	356	355
314	330	331	357	356
315	331	332	358	357
316	332	333	359	358
317	333	334	360	359
318	334	335	361	360
319	335	336	362	361
320	336	337	363	362
321	337	338	364	363
322	338	339	365	364
323	339	340	366	365
324	340	341	367	366
325	341	342	368	367
326	342	343	369	368
327	343	344	370	369
328	345	346	372	371
329	346	347	373	372
330	347	348	374	373
331	348	349	375	374
332	349	350	376	375
333	350	351	377	376
334	351	352	378	377
335	352	353	379	378
336	353	354	380	379
337	354	355	381	380

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
338	355	356	382	381
339	356	357	383	382
340	357	358	384	383
341	358	359	385	384
342	359	360	386	385
343	360	361	387	386
344	361	362	388	387
345	362	363	389	388
346	363	364	390	389
347	364	365	391	390
348	365	366	392	391
349	366	367	393	392
350	367	368	394	393
351	368	369	395	394
352	369	370	396	395
353	371	372	398	397
354	372	373	399	398
355	373	374	400	399
356	374	375	401	400
357	375	376	402	401
358	376	377	403	402
359	377	378	404	403
360	378	379	405	404
361	379	380	406	405
362	380	381	407	406
363	381	382	408	407
364	382	383	409	408
365	383	384	410	409
366	384	385	411	410
367	385	386	412	411
368	386	387	413	412
369	387	388	414	413
370	388	389	415	414
371	389	390	416	415
372	390	391	417	416
373	391	392	418	417
374	392	393	419	418
375	393	394	420	419
376	394	395	421	420
377	395	396	422	421
378	397	398	424	423
379	398	399	425	424
380	399	400	426	425
381	400	401	427	426
382	401	402	428	427
383	402	403	429	428
384	403	404	430	429
385	404	405	431	430
386	405	406	432	431
387	406	407	433	432
388	407	408	434	433
389	408	409	435	434
390	409	410	436	435
391	410	411	437	436

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
392	411	412	438	437
393	412	413	439	438
394	413	414	440	439
395	414	415	441	440
396	415	416	442	441
397	416	417	443	442
398	417	418	444	443
399	418	419	445	444
400	419	420	446	445
401	420	421	447	446
402	421	422	448	447
403	423	424	450	449
404	424	425	451	450
405	425	426	452	451
406	426	427	453	452
407	427	428	454	453
408	428	429	455	454
409	429	430	456	455
410	430	431	457	456
411	431	432	458	457
412	432	433	459	458
413	433	434	460	459
414	434	435	461	460
415	435	436	462	461
416	436	437	463	462
417	437	438	464	463
418	438	439	465	464
419	439	440	466	465
420	440	441	467	466
421	441	442	468	467
422	442	443	469	468
423	443	444	470	469
424	444	445	471	470
425	445	446	472	471
426	446	447	473	472
427	447	448	474	473
428	449	450	476	475
429	450	451	477	476
430	451	452	478	477
431	452	453	479	478
432	453	454	480	479
433	454	455	481	480
434	455	456	482	481
435	456	457	483	482
436	457	458	484	483
437	458	459	485	484
438	459	460	486	485
439	460	461	487	486
440	461	462	488	487
441	462	463	489	488
442	463	464	490	489
443	464	465	491	490
444	465	466	492	491
445	466	467	493	492

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
446	467	468	494	493
447	468	469	495	494
448	469	470	496	495
449	470	471	497	496
450	471	472	498	497
451	472	473	499	498
452	473	474	500	499
453	475	476	502	501
454	476	477	503	502
455	477	478	504	503
456	478	479	505	504
457	479	480	506	505
458	480	481	507	506
459	481	482	508	507
460	482	483	509	508
461	483	484	510	509
462	484	485	511	510
463	485	486	512	511
464	486	487	513	512
465	487	488	514	513
466	488	489	515	514
467	489	490	516	515
468	490	491	517	516
469	491	492	518	517
470	492	493	519	518
471	493	494	520	519
472	494	495	521	520
473	495	496	522	521
474	496	497	523	522
475	497	498	524	523
476	498	499	525	524
477	499	500	526	525
478	501	502	528	527
479	502	503	529	528
480	503	504	530	529
481	504	505	531	530
482	505	506	532	531
483	506	507	533	532
484	507	508	534	533
485	508	509	535	534
486	509	510	536	535
487	510	511	537	536
488	511	512	538	537
489	512	513	539	538
490	513	514	540	539
491	514	515	541	540
492	515	516	542	541
493	516	517	543	542
494	517	518	544	543
495	518	519	545	544
496	519	520	546	545
497	520	521	547	546
498	521	522	548	547
499	522	523	549	548

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
500	523	524	550	549
501	524	525	551	550
502	525	526	552	551
503	527	528	554	553
504	528	529	555	554
505	529	530	556	555
506	530	531	557	556
507	531	532	558	557
508	532	533	559	558
509	533	534	560	559
510	534	535	561	560
511	535	536	562	561
512	536	537	563	562
513	537	538	564	563
514	538	539	565	564
515	539	540	566	565
516	540	541	567	566
517	541	542	568	567
518	542	543	569	568
519	543	544	570	569
520	544	545	571	570
521	545	546	572	571
522	546	547	573	572
523	547	548	574	573
524	548	549	575	574
525	549	550	576	575
526	550	551	577	576
527	551	552	578	577
528	553	554	580	579
529	554	555	581	580
530	555	556	582	581
531	556	557	583	582
532	557	558	584	583
533	558	559	585	584
534	559	560	586	585
535	560	561	587	586
536	561	562	588	587
537	562	563	589	588
538	563	564	590	589
539	564	565	591	590
540	565	566	592	591
541	566	567	593	592
542	567	568	594	593
543	568	569	595	594
544	569	570	596	595
545	570	571	597	596
546	571	572	598	597
547	572	573	599	598
548	573	574	600	599
549	574	575	601	600
550	575	576	602	601
551	576	577	603	602
552	577	578	604	603
553	579	580	606	605

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
554	580	581	607	606
555	581	582	608	607
556	582	583	609	608
557	583	584	610	609
558	584	585	611	610
559	585	586	612	611
560	586	587	613	612
561	587	588	614	613
562	588	589	615	614
563	589	590	616	615
564	590	591	617	616
565	591	592	618	617
566	592	593	619	618
567	593	594	620	619
568	594	595	621	620
569	595	596	622	621
570	596	597	623	622
571	597	598	624	623
572	598	599	625	624
573	599	600	626	625
574	600	601	627	626
575	601	602	628	627
576	602	603	629	628
577	603	604	630	629
578	605	606	632	631
579	606	607	633	632
580	607	608	634	633
581	608	609	635	634
582	609	610	636	635
583	610	611	637	636
584	611	612	638	637
585	612	613	639	638
586	613	614	640	639
587	614	615	641	640
588	615	616	642	641
589	616	617	643	642
590	617	618	644	643
591	618	619	645	644
592	619	620	646	645
593	620	621	647	646
594	621	622	648	647
595	622	623	649	648
596	623	624	650	649
597	624	625	651	650
598	625	626	652	651
599	626	627	653	652
600	627	628	654	653
601	628	629	655	654
602	629	630	656	655
603	631	632	657	6
604	632	633	658	657
605	633	634	659	658
606	634	635	660	659
607	635	636	661	660

Table 5: Connectivity - Area

Area	Joint1	Joint2	Joint3	Joint4
608	636	637	662	661
609	637	638	663	662
610	638	639	664	663
611	639	640	665	664
612	640	641	666	665
613	641	642	667	666
614	642	643	668	667
615	643	644	669	668
616	644	645	670	669
617	645	646	671	670
618	646	647	672	671
619	647	648	673	672
620	648	649	674	673
621	649	650	675	674
622	650	651	676	675
623	651	652	677	676
624	652	653	678	677
625	653	654	679	678
626	654	655	680	679
627	655	656	7	680

Table 6: Area Section Assignments

Table 6: Area Section Assignments

Area	Section	MatProp
3	SS300	Default
4	SS300	Default
5	SS300	Default
6	SS300	Default
7	SS300	Default
8	SS300	Default
9	SS300	Default
10	SS300	Default
11	SS300	Default
12	SS300	Default
13	SS300	Default
14	SS300	Default
15	SS300	Default
16	SS300	Default
17	SS300	Default
18	SS300	Default
19	SS300	Default
20	SS300	Default
21	SS300	Default
22	SS300	Default
23	SS300	Default
24	SS300	Default
25	SS300	Default
26	SS300	Default
27	SS300	Default
28	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
29	SS300	Default
30	SS300	Default
31	SS300	Default
32	SS300	Default
33	SS300	Default
34	SS300	Default
35	SS300	Default
36	SS300	Default
37	SS300	Default
38	SS300	Default
39	SS300	Default
40	SS300	Default
41	SS300	Default
42	SS300	Default
43	SS300	Default
44	SS300	Default
45	SS300	Default
46	SS300	Default
47	SS300	Default
48	SS300	Default
49	SS300	Default
50	SS300	Default
51	SS300	Default
52	SS300	Default
53	SS300	Default
54	SS300	Default
55	SS300	Default
56	SS300	Default
57	SS300	Default
58	SS300	Default
59	SS300	Default
60	SS300	Default
61	SS300	Default
62	SS300	Default
63	SS300	Default
64	SS300	Default
65	SS300	Default
66	SS300	Default
67	SS300	Default
68	SS300	Default
69	SS300	Default
70	SS300	Default
71	SS300	Default
72	SS300	Default
73	SS300	Default
74	SS300	Default
75	SS300	Default
76	SS300	Default
77	SS300	Default
78	SS300	Default
79	SS300	Default
80	SS300	Default
81	SS300	Default
82	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
83	SS300	Default
84	SS300	Default
85	SS300	Default
86	SS300	Default
87	SS300	Default
88	SS300	Default
89	SS300	Default
90	SS300	Default
91	SS300	Default
92	SS300	Default
93	SS300	Default
94	SS300	Default
95	SS300	Default
96	SS300	Default
97	SS300	Default
98	SS300	Default
99	SS300	Default
100	SS300	Default
101	SS300	Default
102	SS300	Default
103	SS300	Default
104	SS300	Default
105	SS300	Default
106	SS300	Default
107	SS300	Default
108	SS300	Default
109	SS300	Default
110	SS300	Default
111	SS300	Default
112	SS300	Default
113	SS300	Default
114	SS300	Default
115	SS300	Default
116	SS300	Default
117	SS300	Default
118	SS300	Default
119	SS300	Default
120	SS300	Default
121	SS300	Default
122	SS300	Default
123	SS300	Default
124	SS300	Default
125	SS300	Default
126	SS300	Default
127	SS300	Default
128	SS300	Default
129	SS300	Default
130	SS300	Default
131	SS300	Default
132	SS300	Default
133	SS300	Default
134	SS300	Default
135	SS300	Default
136	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
137	SS300	Default
138	SS300	Default
139	SS300	Default
140	SS300	Default
141	SS300	Default
142	SS300	Default
143	SS300	Default
144	SS300	Default
145	SS300	Default
146	SS300	Default
147	SS300	Default
148	SS300	Default
149	SS300	Default
150	SS300	Default
151	SS300	Default
152	SS300	Default
153	SS300	Default
154	SS300	Default
155	SS300	Default
156	SS300	Default
157	SS300	Default
158	SS300	Default
159	SS300	Default
160	SS300	Default
161	SS300	Default
162	SS300	Default
163	SS300	Default
164	SS300	Default
165	SS300	Default
166	SS300	Default
167	SS300	Default
168	SS300	Default
169	SS300	Default
170	SS300	Default
171	SS300	Default
172	SS300	Default
173	SS300	Default
174	SS300	Default
175	SS300	Default
176	SS300	Default
177	SS300	Default
178	SS300	Default
179	SS300	Default
180	SS300	Default
181	SS300	Default
182	SS300	Default
183	SS300	Default
184	SS300	Default
185	SS300	Default
186	SS300	Default
187	SS300	Default
188	SS300	Default
189	SS300	Default
190	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
191	SS300	Default
192	SS300	Default
193	SS300	Default
194	SS300	Default
195	SS300	Default
196	SS300	Default
197	SS300	Default
198	SS300	Default
199	SS300	Default
200	SS300	Default
201	SS300	Default
202	SS300	Default
203	SS300	Default
204	SS300	Default
205	SS300	Default
206	SS300	Default
207	SS300	Default
208	SS300	Default
209	SS300	Default
210	SS300	Default
211	SS300	Default
212	SS300	Default
213	SS300	Default
214	SS300	Default
215	SS300	Default
216	SS300	Default
217	SS300	Default
218	SS300	Default
219	SS300	Default
220	SS300	Default
221	SS300	Default
222	SS300	Default
223	SS300	Default
224	SS300	Default
225	SS300	Default
226	SS300	Default
227	SS300	Default
228	SS300	Default
229	SS300	Default
230	SS300	Default
231	SS300	Default
232	SS300	Default
233	SS300	Default
234	SS300	Default
235	SS300	Default
236	SS300	Default
237	SS300	Default
238	SS300	Default
239	SS300	Default
240	SS300	Default
241	SS300	Default
242	SS300	Default
243	SS300	Default
244	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
245	SS300	Default
246	SS300	Default
247	SS300	Default
248	SS300	Default
249	SS300	Default
250	SS300	Default
251	SS300	Default
252	SS300	Default
253	SS300	Default
254	SS300	Default
255	SS300	Default
256	SS300	Default
257	SS300	Default
258	SS300	Default
259	SS300	Default
260	SS300	Default
261	SS300	Default
262	SS300	Default
263	SS300	Default
264	SS300	Default
265	SS300	Default
266	SS300	Default
267	SS300	Default
268	SS300	Default
269	SS300	Default
270	SS300	Default
271	SS300	Default
272	SS300	Default
273	SS300	Default
274	SS300	Default
275	SS300	Default
276	SS300	Default
277	SS300	Default
278	SS300	Default
279	SS300	Default
280	SS300	Default
281	SS300	Default
282	SS300	Default
283	SS300	Default
284	SS300	Default
285	SS300	Default
286	SS300	Default
287	SS300	Default
288	SS300	Default
289	SS300	Default
290	SS300	Default
291	SS300	Default
292	SS300	Default
293	SS300	Default
294	SS300	Default
295	SS300	Default
296	SS300	Default
297	SS300	Default
298	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
299	SS300	Default
300	SS300	Default
301	SS300	Default
302	SS300	Default
303	SS300	Default
304	SS300	Default
305	SS300	Default
306	SS300	Default
307	SS300	Default
308	SS300	Default
309	SS300	Default
310	SS300	Default
311	SS300	Default
312	SS300	Default
313	SS300	Default
314	SS300	Default
315	SS300	Default
316	SS300	Default
317	SS300	Default
318	SS300	Default
319	SS300	Default
320	SS300	Default
321	SS300	Default
322	SS300	Default
323	SS300	Default
324	SS300	Default
325	SS300	Default
326	SS300	Default
327	SS300	Default
328	SS300	Default
329	SS300	Default
330	SS300	Default
331	SS300	Default
332	SS300	Default
333	SS300	Default
334	SS300	Default
335	SS300	Default
336	SS300	Default
337	SS300	Default
338	SS300	Default
339	SS300	Default
340	SS300	Default
341	SS300	Default
342	SS300	Default
343	SS300	Default
344	SS300	Default
345	SS300	Default
346	SS300	Default
347	SS300	Default
348	SS300	Default
349	SS300	Default
350	SS300	Default
351	SS300	Default
352	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
353	SS300	Default
354	SS300	Default
355	SS300	Default
356	SS300	Default
357	SS300	Default
358	SS300	Default
359	SS300	Default
360	SS300	Default
361	SS300	Default
362	SS300	Default
363	SS300	Default
364	SS300	Default
365	SS300	Default
366	SS300	Default
367	SS300	Default
368	SS300	Default
369	SS300	Default
370	SS300	Default
371	SS300	Default
372	SS300	Default
373	SS300	Default
374	SS300	Default
375	SS300	Default
376	SS300	Default
377	SS300	Default
378	SS300	Default
379	SS300	Default
380	SS300	Default
381	SS300	Default
382	SS300	Default
383	SS300	Default
384	SS300	Default
385	SS300	Default
386	SS300	Default
387	SS300	Default
388	SS300	Default
389	SS300	Default
390	SS300	Default
391	SS300	Default
392	SS300	Default
393	SS300	Default
394	SS300	Default
395	SS300	Default
396	SS300	Default
397	SS300	Default
398	SS300	Default
399	SS300	Default
400	SS300	Default
401	SS300	Default
402	SS300	Default
403	SS300	Default
404	SS300	Default
405	SS300	Default
406	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
407	SS300	Default
408	SS300	Default
409	SS300	Default
410	SS300	Default
411	SS300	Default
412	SS300	Default
413	SS300	Default
414	SS300	Default
415	SS300	Default
416	SS300	Default
417	SS300	Default
418	SS300	Default
419	SS300	Default
420	SS300	Default
421	SS300	Default
422	SS300	Default
423	SS300	Default
424	SS300	Default
425	SS300	Default
426	SS300	Default
427	SS300	Default
428	SS300	Default
429	SS300	Default
430	SS300	Default
431	SS300	Default
432	SS300	Default
433	SS300	Default
434	SS300	Default
435	SS300	Default
436	SS300	Default
437	SS300	Default
438	SS300	Default
439	SS300	Default
440	SS300	Default
441	SS300	Default
442	SS300	Default
443	SS300	Default
444	SS300	Default
445	SS300	Default
446	SS300	Default
447	SS300	Default
448	SS300	Default
449	SS300	Default
450	SS300	Default
451	SS300	Default
452	SS300	Default
453	SS300	Default
454	SS300	Default
455	SS300	Default
456	SS300	Default
457	SS300	Default
458	SS300	Default
459	SS300	Default
460	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
461	SS300	Default
462	SS300	Default
463	SS300	Default
464	SS300	Default
465	SS300	Default
466	SS300	Default
467	SS300	Default
468	SS300	Default
469	SS300	Default
470	SS300	Default
471	SS300	Default
472	SS300	Default
473	SS300	Default
474	SS300	Default
475	SS300	Default
476	SS300	Default
477	SS300	Default
478	SS300	Default
479	SS300	Default
480	SS300	Default
481	SS300	Default
482	SS300	Default
483	SS300	Default
484	SS300	Default
485	SS300	Default
486	SS300	Default
487	SS300	Default
488	SS300	Default
489	SS300	Default
490	SS300	Default
491	SS300	Default
492	SS300	Default
493	SS300	Default
494	SS300	Default
495	SS300	Default
496	SS300	Default
497	SS300	Default
498	SS300	Default
499	SS300	Default
500	SS300	Default
501	SS300	Default
502	SS300	Default
503	SS300	Default
504	SS300	Default
505	SS300	Default
506	SS300	Default
507	SS300	Default
508	SS300	Default
509	SS300	Default
510	SS300	Default
511	SS300	Default
512	SS300	Default
513	SS300	Default
514	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
515	SS300	Default
516	SS300	Default
517	SS300	Default
518	SS300	Default
519	SS300	Default
520	SS300	Default
521	SS300	Default
522	SS300	Default
523	SS300	Default
524	SS300	Default
525	SS300	Default
526	SS300	Default
527	SS300	Default
528	SS300	Default
529	SS300	Default
530	SS300	Default
531	SS300	Default
532	SS300	Default
533	SS300	Default
534	SS300	Default
535	SS300	Default
536	SS300	Default
537	SS300	Default
538	SS300	Default
539	SS300	Default
540	SS300	Default
541	SS300	Default
542	SS300	Default
543	SS300	Default
544	SS300	Default
545	SS300	Default
546	SS300	Default
547	SS300	Default
548	SS300	Default
549	SS300	Default
550	SS300	Default
551	SS300	Default
552	SS300	Default
553	SS300	Default
554	SS300	Default
555	SS300	Default
556	SS300	Default
557	SS300	Default
558	SS300	Default
559	SS300	Default
560	SS300	Default
561	SS300	Default
562	SS300	Default
563	SS300	Default
564	SS300	Default
565	SS300	Default
566	SS300	Default
567	SS300	Default
568	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
569	SS300	Default
570	SS300	Default
571	SS300	Default
572	SS300	Default
573	SS300	Default
574	SS300	Default
575	SS300	Default
576	SS300	Default
577	SS300	Default
578	SS300	Default
579	SS300	Default
580	SS300	Default
581	SS300	Default
582	SS300	Default
583	SS300	Default
584	SS300	Default
585	SS300	Default
586	SS300	Default
587	SS300	Default
588	SS300	Default
589	SS300	Default
590	SS300	Default
591	SS300	Default
592	SS300	Default
593	SS300	Default
594	SS300	Default
595	SS300	Default
596	SS300	Default
597	SS300	Default
598	SS300	Default
599	SS300	Default
600	SS300	Default
601	SS300	Default
602	SS300	Default
603	SS300	Default
604	SS300	Default
605	SS300	Default
606	SS300	Default
607	SS300	Default
608	SS300	Default
609	SS300	Default
610	SS300	Default
611	SS300	Default
612	SS300	Default
613	SS300	Default
614	SS300	Default
615	SS300	Default
616	SS300	Default
617	SS300	Default
618	SS300	Default
619	SS300	Default
620	SS300	Default
621	SS300	Default
622	SS300	Default

Table 6: Area Section Assignments

Area	Section	MatProp
623	SS300	Default
624	SS300	Default
625	SS300	Default
626	SS300	Default
627	SS300	Default

2. Material properties

This section provides material property information for materials used in the model.

Table 7: Material Properties 02 - Basic Mechanical Properties

Table 7: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight KN/mm3	UnitMass KN-s2/mm4	E1 KN/mm2	G12 KN/mm2	U12	A1 1/C
A416Gr270	7.6973E-08	7.8490E-12	196.5006			1.1700E-05
A992Fy50-1	7.6973E-08	7.8490E-12	199.94798	76.90307	0.3	1.1700E-05
B450C	7.6973E-08	7.8490E-12	210.			1.1700E-05
C25/30	2.4993E-08	2.5485E-12	31.476	13.115	0.2	1.0000E-05

Table 8: Material Properties 03a - Steel Data

Table 8: Material Properties 03a - Steel Data

Material	Fy KN/mm2	Fu KN/mm2	FinalSlope
A992Fy50-1	0.34474	0.44816	-0.1

Table 9: Material Properties 03b - Concrete Data

Table 9: Material Properties 03b - Concrete Data

Material	Fc KN/mm2	eFc KN/mm2	FinalSlope
C25/30	0.025	0.025	-0.1

Table 10: Material Properties 03e - Rebar Data

Table 10: Material Properties 03e - Rebar Data

Material	Fy KN/mm2	Fu KN/mm2	FinalSlope
B450C	0.45	0.54	-0.1

Table 11: Material Properties 03f - Tendon Data

Table 11: Material Properties 03f - Tendon Data

Material	Fy KN/mm2	Fu KN/mm2	FinalSlope
A416Gr270	1.68991	1.86158	-0.1

3. Section properties

This section provides section property information for objects used in the model.

3.1. Frames

Table 12: Frame Section Properties 01 - General, Part 1 of 4

Table 12: Frame Section Properties 01 - General, Part 1 of 4

SectionName	Material	Shape	t3 mm	t2 mm	Area mm2	TorsConst mm4	I33 mm4	I22 mm4
dummy	C25/30	Rectangular	0.1	0.1	1.000E-02	1.408E-05	8.333E-06	8.333E-06

Table 12: Frame Section Properties 01 - General, Part 2 of 4

Table 12: Frame Section Properties 01 - General, Part 2 of 4

SectionName	I23 mm4	AS2 mm2	AS3 mm2
dummy	0.	8.333E-03	8.333E-03

Table 12: Frame Section Properties 01 - General, Part 3 of 4

Table 12: Frame Section Properties 01 - General, Part 3 of 4

SectionName	S33 mm3	S22 mm3	Z33 mm3	Z22 mm3	R33 mm	R22 mm
dummy	1.667E-04	1.667E-04	2.500E-04	2.500E-04	0.029	0.029

Table 12: Frame Section Properties 01 - General, Part 4 of 4

Table 12: Frame Section Properties 01 - General, Part 4 of 4

SectionName	AMod	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
dummy	1.	1.	1.	1.	1.	1.	1.	1.

Table 13: Frame Section Properties 03 - Concrete Beam, Part 1 of 2

Table 13: Frame Section Properties 03 - Concrete Beam, Part 1 of 2

SectionName	RebarMatL	RebarMatC	TopCover mm	BotCover mm
dummy	B450C	B450C	60.	60.

Table 13: Frame Section Properties 03 - Concrete Beam, Part 2 of 2

Table 13: Frame Section Properties 03 - Concrete Beam, Part 2 of 2

SectionName	TopLeftArea	TopRghtArea	BotLeftArea	BotRghtArea
	mm2	mm2	mm2	mm2
dummy	0.	0.	0.	0.

3.2. Areas

Table 14: Area Section Properties, Part 1 of 3

Table 14: Area Section Properties, Part 1 of 3

Section	Material	AreaType	Type	DrillDOF	Thickness	BendThick	F11Mod
					mm	mm	
SS300	C25/30	Shell	Shell-Thin	Yes	300.	300.	1.

Table 14: Area Section Properties, Part 2 of 3

Table 14: Area Section Properties, Part 2 of 3

Section	F22Mod	F12Mod	M11Mod	M22Mod	M12Mod	V13Mod	V23Mod
SS300	1.	1.	1.	1.	1.	1.	1.

Table 14: Area Section Properties, Part 3 of 3

Table 14: Area Section Properties, Part 3 of 3

Section	MMod	WMod
SS300	1.	1.

3.3. Solids

Table 15: Solid Property Definitions

Table 15: Solid Property Definitions

SolidProp	Material	MatAngleA	MatAngleB	MatAngleC
		Degrees	Degrees	Degrees
Solid1	C25/30	0.	0.	0.

4. Load patterns

This section provides loading information as applied to the model.

4.1. Definitions

Table 16: Load Pattern Definitions

Table 16: Load Pattern Definitions			
LoadPat	DesignType	SelfWtMult	AutoLoad
G1	Dead	1.	
G2	Super Dead	0.	
Qm	Live	0.	
Qs	Snow	0.	
T+	Temperature	0.	
T-	Temperature	0.	
W	Wind	0.	None
Qm-1	Live	0.	
Qm-2	Live	0.	

5. Load cases

This section provides load case information.

5.1. Definitions

Table 17: Load Case Definitions, Part 1 of 2

Table 17: Load Case Definitions, Part 1 of 2						
Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesActOpt
DEAD	LinStatic	Zero				Prog Det
MODAL	LinModal	Zero				Prog Det
G1	LinStatic	Zero				Prog Det
G2	LinStatic	Zero				Prog Det
Qm	LinStatic	Zero				Prog Det
Qs	LinStatic	Zero				Prog Det
T+	LinStatic	Zero				Prog Det
T-	LinStatic	Zero				Prog Det
W	LinStatic	Zero				Prog Det
Qm-1	LinStatic	Zero				Prog Det
Qm-2	LinStatic	Zero				Prog Det

Table 17: Load Case Definitions, Part 2 of 2

Table 17: Load Case Definitions, Part 2 of 2	
Case	DesignAct
DEAD	Other
MODAL	Other
G1	Non-Composite
G2	Long-Term Composite

Table 17: Load Case Definitions, Part 2 of 2

Case	DesignAct
Qm	Short-Term Composite
Qs	Short-Term Composite
T+	Short-Term Composite
T-	Short-Term Composite
W	Short-Term Composite
Qm-1	Short-Term Composite
Qm-2	Short-Term Composite

5.2. Static case load assignments

Table 18: Case - Static 1 - Load Assignments

Table 18: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
G1	Load pattern	G1	1.
G2	Load pattern	G2	1.
Qm	Load pattern	Qm	10.
Qs	Load pattern	Qs	1.
T+	Load pattern	T+	0.5
T-	Load pattern	T-	0.5
W	Load pattern	W	1.
Qm-1	Load pattern	Qm-1	10.
Qm-2	Load pattern	Qm-2	1.

5.3. Response spectrum case load assignments

Table 19: Function - Response Spectrum - User

Table 19: Function - Response Spectrum - User

Name	Period Sec	Accel	FuncDamp
UNIFRS	0.	1.	0.05
UNIFRS	1.	1.	

6. Load combinations

This section provides load combination information.

Table 20: Combination Definitions

Table 20: Combination Definitions			
ComboName	ComboType	CaseName	ScaleFactor
SLU1	Linear Add	G1	1.3
SLU1		G2	1.3
SLU1		Qm	1.5
SLU1		Qs	1.5
SLU1		W	1.5
SLU2	Linear Add	G1	1.3
SLU2		G2	1.3
SLU2		Qm	1.5
SLU2		Qs	0.75
SLU2		W	0.9
SLU2	Linear Add	T+	1.5
SLU3		G1	1.3
SLU3		G2	1.3
SLU3		Qm	1.5
SLU3		Qs	0.75
SLU3		W	0.9
SLU3	Linear Add	T-	1.5
SLU1-2		G1	1.3
SLU1-2		G2	1.3
SLU1-2		Qm-1	1.5
SLU1-2		Qs	1.5
SLU1-2	Linear Add	W	1.5
SLU1-3		G1	1.3
SLU1-3		G2	1.3
SLU1-3		Qm-2	1.5
SLU1-3		Qs	1.5
SLU1-3		W	1.5
Envelope SLU	Envelope	SLU1	1.
Envelope SLU		SLU1-2	1.
Envelope SLU		SLU1-3	1.
SLE	Linear Add	DEAD	1.
SLE		G1	1.
SLE		G2	1.
SLE		Qm	1.
SLE		Qm-1	1.
SLE		Qm-2	1.
SLE		Qs	1.

7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

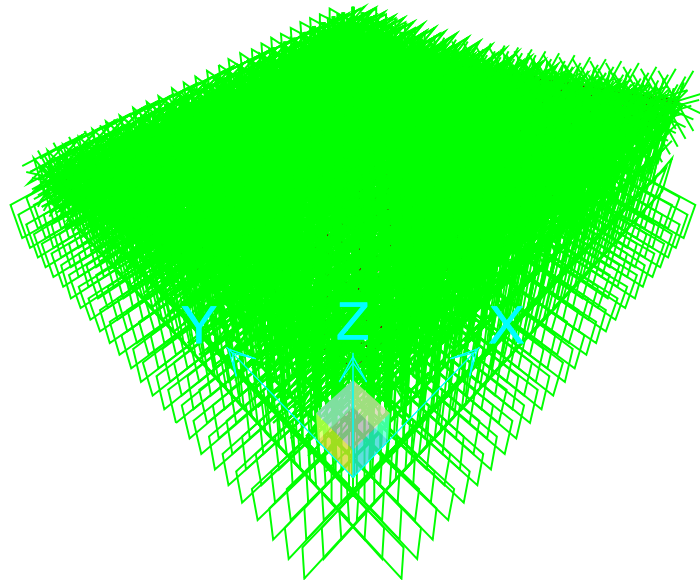


Figure 2: Deformed shape

7.1. Mass summary

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
5	MSSSRC1	8.502E-06	8.502E-06	8.502E-06	0.	0.	0.	0.
6	MSSSRC1	8.502E-06	8.502E-06	8.502E-06	0.	0.	0.	5000.
7	MSSSRC1	8.502E-06	8.502E-06	8.502E-06	0.	0.	0.	5000.
8	MSSSRC1	8.502E-06	8.502E-06	8.502E-06	0.	0.	0.	0.
9	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	200.
10	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	200.
11	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
12	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
13	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
14	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
15	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
16	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
17	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
18	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
19	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
20	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
21	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
22	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
23	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
24	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
25	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
26	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	200.
27	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
28	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
29	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
30	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
31	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
32	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
33	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
34	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
35	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
36	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
37	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
38	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
39	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
40	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	200.
41	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
42	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
43	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
44	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
45	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
46	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
47	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
48	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
49	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
50	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
51	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
52	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	200.
53	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
54	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	200.
55	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
56	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	200.
57	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	0.
58	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	200.
59	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	400.
60	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
61	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
62	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
63	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
64	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
65	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
66	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
67	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
68	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
69	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
70	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
71	MSSSRC1	0.000035	0.000035	0.000035	0.	0.	0.	400.
72	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
73	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
74	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
75	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
76	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
77	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
78	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
79	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
80	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
81	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	400.
82	MSSSRC1	0.000035	0.000035	0.000035	0.	0.	0.	400.
83	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	400.
84	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	400.
85	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	600.
86	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
87	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
88	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
89	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
90	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
91	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
92	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
93	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
94	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
95	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
96	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
97	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	600.
98	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
99	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
100	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
101	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
102	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
103	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
104	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
105	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
106	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
107	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	600.
108	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	600.
109	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	600.
110	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	600.
111	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	800.
112	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
113	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
114	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
115	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
116	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
117	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
118	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
119	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
120	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
121	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
122	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
123	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	800.
124	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
125	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
126	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
127	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
128	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
129	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
130	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
131	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
132	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
133	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	800.
134	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	800.
135	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	800.
136	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	800.
137	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1000.
138	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
139	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
140	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
141	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
142	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
143	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
144	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
145	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
146	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
147	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
148	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
149	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1000.
150	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
151	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
152	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
153	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
154	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
155	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
156	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
157	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
158	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
159	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1000.
160	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1000.
161	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1000.
162	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1000.
163	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1200.
164	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
165	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
166	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
167	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1200.
168	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
169	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
170	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
171	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1200.
172	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
173	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
174	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
175	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1200.
176	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
177	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
178	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
179	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
180	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
181	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
182	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
183	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
184	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
185	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1200.
186	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
187	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1200.
188	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1200.
189	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1400.
190	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
191	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
192	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
193	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
194	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1400.
195	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1400.
196	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1400.
197	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
198	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
199	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
200	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
201	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1400.
202	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
203	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
204	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
205	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
206	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
207	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
208	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
209	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
210	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
211	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1400.
212	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1400.
213	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1400.
214	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1400.
215	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1600.
216	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
217	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
218	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
219	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
220	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1600.
221	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1600.
222	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1600.
223	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
224	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
225	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
226	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1600.
227	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1600.
228	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
229	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
230	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
231	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
232	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
233	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
234	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
235	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
236	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
237	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1600.
238	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1600.
239	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	1600.
240	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1600.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
241	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1800.
242	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
243	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
244	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
245	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
246	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1800.
247	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1800.
248	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	1800.
249	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
250	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
251	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
252	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
253	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1800.
254	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
255	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
256	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
257	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
258	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
259	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
260	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
261	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
262	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
263	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	1800.
264	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	1800.
265	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	1800.
266	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	1800.
267	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2000.
268	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
269	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
270	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
271	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
272	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2000.
273	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2000.
274	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2000.
275	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
276	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
277	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
278	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
279	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2000.
280	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
281	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
282	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
283	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
284	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
285	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
286	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
287	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
288	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
289	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2000.
290	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2000.
291	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2000.
292	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2000.
293	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2200.
294	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
295	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
296	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
297	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
298	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2200.
299	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2200.
300	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2200.
301	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
302	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
303	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
304	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
305	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2200.
306	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
307	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
308	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
309	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
310	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
311	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
312	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
313	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
314	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
315	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2200.
316	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2200.
317	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2200.
318	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2200.
319	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2400.
320	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
321	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
322	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
323	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
324	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2400.
325	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2400.
326	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2400.
327	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
328	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
329	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
330	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
331	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2400.
332	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
333	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
334	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
335	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
336	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
337	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
338	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
339	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
340	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
341	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2400.
342	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2400.
343	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2400.
344	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2400.
345	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2600.
346	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
347	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
348	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
349	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
350	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2600.
351	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2600.
352	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2600.
353	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
354	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
355	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
356	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
357	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2600.
358	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
359	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
360	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
361	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
362	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
363	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
364	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
365	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
366	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
367	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2600.
368	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2600.
369	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2600.
370	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2600.
371	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2800.
372	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
373	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
374	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
375	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
376	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2800.
377	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2800.
378	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	2800.
379	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
380	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
381	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
382	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
383	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2800.
384	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
385	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
386	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
387	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
388	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
389	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
390	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
391	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
392	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
393	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	2800.
394	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	2800.
395	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	2800.
396	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	2800.
397	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3000.
398	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
399	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
400	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
401	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
402	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3000.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
403	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3000.
404	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3000.
405	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
406	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
407	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
408	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
409	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3000.
410	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
411	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
412	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
413	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
414	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
415	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
416	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
417	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
418	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
419	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3000.
420	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3000.
421	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3000.
422	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3000.
423	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3200.
424	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
425	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
426	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
427	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
428	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3200.
429	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3200.
430	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3200.
431	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
432	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
433	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
434	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
435	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3200.
436	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
437	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
438	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
439	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
440	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
441	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
442	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
443	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
444	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
445	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3200.
446	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3200.
447	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3200.
448	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3200.
449	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3400.
450	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
451	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
452	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
453	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
454	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3400.
455	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3400.
456	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3400.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
457	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
458	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
459	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
460	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3400.
461	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3400.
462	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
463	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
464	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
465	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
466	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
467	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
468	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
469	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
470	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
471	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3400.
472	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3400.
473	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	3400.
474	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3400.
475	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3600.
476	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
477	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
478	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
479	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
480	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3600.
481	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3600.
482	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3600.
483	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
484	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
485	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
486	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
487	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3600.
488	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
489	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
490	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
491	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
492	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
493	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
494	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
495	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
496	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
497	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3600.
498	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3600.
499	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3600.
500	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3600.
501	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3800.
502	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
503	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
504	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
505	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
506	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3800.
507	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3800.
508	MSSSRC1	0.000042	0.000042	0.000042	0.	0.	0.	3800.
509	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
510	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
511	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
512	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
513	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3800.
514	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
515	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
516	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
517	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
518	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
519	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
520	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
521	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
522	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
523	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	3800.
524	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	3800.
525	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	3800.
526	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	3800.
527	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4000.
528	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
529	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
530	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
531	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4000.
532	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
533	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
534	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
535	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4000.
536	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
537	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
538	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
539	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4000.
540	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
541	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
542	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
543	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
544	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
545	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
546	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
547	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
548	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
549	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4000.
550	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4000.
551	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4000.
552	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4000.
553	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4200.
554	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
555	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
556	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
557	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
558	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
559	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
560	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
561	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
562	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
563	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
564	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
565	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4200.
566	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
567	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
568	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
569	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
570	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
571	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
572	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
573	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
574	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
575	MSSSRC1	0.000038	0.000038	0.000038	0.	0.	0.	4200.
576	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4200.
577	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4200.
578	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4200.
579	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4400.
580	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
581	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
582	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
583	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
584	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
585	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
586	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
587	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
588	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
589	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
590	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
591	MSSSRC1	0.000035	0.000035	0.000035	0.	0.	0.	4400.
592	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
593	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
594	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
595	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
596	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
597	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
598	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
599	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
600	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
601	MSSSRC1	0.000036	0.000036	0.000036	0.	0.	0.	4400.
602	MSSSRC1	0.000035	0.000035	0.000035	0.	0.	0.	4400.
603	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4400.
604	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4400.
605	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4600.
606	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
607	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
608	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
609	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
610	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
611	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
612	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
613	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
614	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
615	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
616	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
617	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
618	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
619	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
620	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
621	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
622	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
623	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
624	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
625	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
626	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
627	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
628	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
629	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4600.
630	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4600.
631	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4800.
632	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	4800.
633	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
634	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
635	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
636	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
637	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
638	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
639	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
640	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	4800.
641	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
642	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
643	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
644	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
645	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
646	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
647	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	4800.
648	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
649	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
650	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
651	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
652	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
653	MSSSRC1	0.000034	0.000034	0.000034	0.	0.	0.	4800.
654	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	4800.
655	MSSSRC1	0.000149	0.000149	0.000149	0.	0.	0.	4800.
656	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	4800.
657	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
658	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
659	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
660	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
661	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
662	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
663	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
664	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
665	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
666	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
667	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
668	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
669	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
670	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
671	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
672	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
673	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
674	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
675	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
676	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
677	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
678	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
679	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
680	MSSSRC1	0.000017	0.000017	0.000017	0.	0.	0.	5000.
5~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
11~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
10~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
9~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
13~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
12~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
15~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
14~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
17~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
16~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
19~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
18~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
21~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
20~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
23~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
22~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
25~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
24~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
27~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
26~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
29~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
28~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
31~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
30~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
33~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
32~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
35~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
34~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
37~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
36~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
39~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
38~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
41~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
40~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
43~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
42~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
45~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
44~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
47~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
46~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
49~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
48~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
51~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
50~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
53~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
52~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
55~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
54~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
57~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
56~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
8~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	0.
58~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	200.
60~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
59~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
61~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
62~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
63~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
64~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
65~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
66~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
67~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
68~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
69~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
70~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
71~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
72~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
73~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
74~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
75~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
76~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
77~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
78~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
79~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
80~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
81~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
82~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
83~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
84~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	400.
86~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
85~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
87~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
88~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
89~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
90~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
91~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
92~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
93~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
94~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
95~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
96~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
97~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
98~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
99~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
100~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
101~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
102~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
103~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
104~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
105~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
106~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
107~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
108~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
109~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
110~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	600.
112~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
111~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
113~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
114~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
115~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
116~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
117~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
118~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
119~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
120~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
121~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
122~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
123~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
124~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
125~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
126~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
127~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
128~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
129~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
130~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
131~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
132~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
133~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
134~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
135~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
136~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	800.
138~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
137~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
139~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
140~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
141~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
142~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
143~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
144~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
145~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
146~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
147~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
148~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
149~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
150~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
151~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
152~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
153~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
154~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
155~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
156~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
157~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
158~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
159~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
160~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
161~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
162~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1000.
164~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
163~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
165~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
166~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
167~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
168~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
169~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
170~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
171~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
172~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
173~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
174~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
175~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
176~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
177~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
178~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
179~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
180~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
181~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
182~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
183~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
184~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
185~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
186~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
187~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
188~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1200.
190~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
189~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
191~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
192~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
193~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
194~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
195~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
196~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
197~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
198~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
199~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
200~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
201~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
202~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
203~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
204~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
205~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
206~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
207~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
208~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
209~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
210~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
211~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
212~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
213~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.
214~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1400.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
216~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
215~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
217~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
218~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
219~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
220~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
221~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
222~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
223~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
224~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
225~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
226~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
227~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
228~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
229~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
230~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
231~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
232~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
233~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
234~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
235~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
236~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
237~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
238~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
239~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
240~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1600.
242~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
241~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
243~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
244~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
245~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
246~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
247~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
248~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
249~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
250~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
251~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
252~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
253~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
254~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
255~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
256~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
257~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
258~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
259~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
260~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
261~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
262~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
263~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
264~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
265~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
266~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	1800.
268~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
267~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
269~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
270~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
271~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
272~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
273~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
274~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
275~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
276~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
277~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
278~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
279~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
280~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
281~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
282~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
283~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
284~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
285~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
286~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
287~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
288~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
289~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
290~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
291~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
292~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2000.
294~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
293~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
295~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
296~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
297~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
298~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
299~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
300~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
301~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
302~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
303~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
304~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
305~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
306~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
307~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
308~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
309~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
310~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
311~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
312~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
313~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
314~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
315~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
316~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
317~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
318~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2200.
320~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
319~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
321~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
322~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
323~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
324~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
325~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
326~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
327~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
328~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
329~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
330~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
331~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
332~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
333~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
334~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
335~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
336~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
337~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
338~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
339~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
340~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
341~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
342~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
343~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
344~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2400.
346~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
345~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
347~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
348~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
349~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
350~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
351~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
352~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
353~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
354~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
355~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
356~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
357~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
358~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
359~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
360~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
361~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
362~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
363~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
364~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
365~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
366~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
367~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
368~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
369~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
370~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2600.
372~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
371~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
373~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
374~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
375~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
376~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
377~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
378~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
379~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
380~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
381~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
382~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
383~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
384~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
385~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
386~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
387~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
388~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
389~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
390~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
391~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
392~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
393~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
394~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
395~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
396~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	2800.
398~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
397~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
399~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
400~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
401~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
402~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
403~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
404~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
405~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
406~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
407~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
408~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
409~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
410~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
411~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
412~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
413~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
414~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
415~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
416~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
417~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
418~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
419~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
420~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
421~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
422~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3000.
424~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
423~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
425~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
426~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
427~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
428~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
429~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
430~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
431~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
432~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
433~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
434~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
435~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
436~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
437~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
438~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
439~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
440~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
441~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
442~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
443~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
444~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
445~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
446~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
447~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
448~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3200.
450~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
449~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
451~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
452~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
453~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
454~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
455~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
456~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
457~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
458~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
459~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
460~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
461~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
462~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
463~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
464~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
465~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
466~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
467~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
468~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
469~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
470~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
471~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
472~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
473~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
474~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3400.
476~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
475~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
477~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
478~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
479~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
480~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
481~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
482~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
483~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
484~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
485~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
486~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
487~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
488~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
489~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
490~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
491~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
492~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
493~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
494~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
495~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
496~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
497~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
498~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
499~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
500~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3600.
502~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
501~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
503~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
504~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
505~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
506~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
507~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
508~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
509~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
510~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
511~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
512~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
513~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
514~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
515~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
516~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
517~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
518~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
519~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
520~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
521~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
522~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
523~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
524~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
525~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
526~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	3800.
528~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
527~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
529~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
530~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
531~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
532~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
533~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
534~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
535~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
536~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
537~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
538~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
539~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
540~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
541~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
542~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
543~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
544~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
545~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
546~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
547~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
548~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
549~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
550~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
551~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
552~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4000.
554~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
553~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
555~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
556~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
557~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
558~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
559~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
560~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
561~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
562~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
563~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
564~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
565~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
566~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
567~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
568~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
569~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
570~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
571~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
572~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
573~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
574~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
575~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
576~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
577~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
578~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4200.
580~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
579~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
581~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
582~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
583~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
584~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
585~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
586~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
587~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
588~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
589~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
590~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
591~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
592~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
593~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
594~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
595~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
596~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
597~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
598~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
599~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
600~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
601~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
602~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
603~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
604~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4400.
606~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
605~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
607~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
608~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
609~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
610~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
611~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
612~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
613~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
614~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
615~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
616~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
617~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
618~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
619~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
620~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
621~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
622~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
623~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
624~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
625~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
626~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
627~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
628~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
629~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
630~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4600.
632~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
631~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
633~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
634~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
635~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
636~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
637~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
638~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
639~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
640~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
641~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
642~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
643~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
644~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
645~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
646~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.

Table 21: Assembled Joint Masses, Part 1 of 2

Joint	MassSource	U1	U2	U3	R1	R2	R3	CenterX
		KN-s2/mm	KN-s2/mm	KN-s2/mm	KN-mm-s2	KN-mm-s2	KN-mm-s2	mm
647~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
648~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
649~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
650~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
651~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
652~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
653~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
654~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
655~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
656~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	4800.
657~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
6~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
658~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
659~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
660~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
661~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
662~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
663~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
664~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
665~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
666~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
667~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
668~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
669~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
670~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
671~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
672~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
673~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
674~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
675~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
676~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
677~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
678~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
679~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
680~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
7~Link	MSSSRC1	0.	0.	0.	0.	0.	0.	5000.
SumAccelUX	MSSSRC1	0.02397	0.	0.	0.	0.	0.	2498.07
SumAccelUY	MSSSRC1	0.	0.02397	0.	0.	0.	0.	2498.07
SumAccelUZ	MSSSRC1	0.	0.	0.02397	0.	0.	0.	2498.07

Table 21: Assembled Joint Masses, Part 2 of 2

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
5	MSSSRC1	5000.	0.
6	MSSSRC1	5000.	0.
7	MSSSRC1	0.	0.
8	MSSSRC1	0.	0.
9	MSSSRC1	5000.	0.
10	MSSSRC1	4800.	0.
11	MSSSRC1	4800.	0.
12	MSSSRC1	4600.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
13	MSSSRC1	4600.	0.
14	MSSSRC1	4400.	0.
15	MSSSRC1	4400.	0.
16	MSSSRC1	4200.	0.
17	MSSSRC1	4200.	0.
18	MSSSRC1	4000.	0.
19	MSSSRC1	4000.	0.
20	MSSSRC1	3800.	0.
21	MSSSRC1	3800.	0.
22	MSSSRC1	3600.	0.
23	MSSSRC1	3600.	0.
24	MSSSRC1	3400.	0.
25	MSSSRC1	3400.	0.
26	MSSSRC1	3200.	0.
27	MSSSRC1	3200.	0.
28	MSSSRC1	3000.	0.
29	MSSSRC1	3000.	0.
30	MSSSRC1	2800.	0.
31	MSSSRC1	2800.	0.
32	MSSSRC1	2600.	0.
33	MSSSRC1	2600.	0.
34	MSSSRC1	2400.	0.
35	MSSSRC1	2400.	0.
36	MSSSRC1	2200.	0.
37	MSSSRC1	2200.	0.
38	MSSSRC1	2000.	0.
39	MSSSRC1	2000.	0.
40	MSSSRC1	1800.	0.
41	MSSSRC1	1800.	0.
42	MSSSRC1	1600.	0.
43	MSSSRC1	1600.	0.
44	MSSSRC1	1400.	0.
45	MSSSRC1	1400.	0.
46	MSSSRC1	1200.	0.
47	MSSSRC1	1200.	0.
48	MSSSRC1	1000.	0.
49	MSSSRC1	1000.	0.
50	MSSSRC1	800.	0.
51	MSSSRC1	800.	0.
52	MSSSRC1	600.	0.
53	MSSSRC1	600.	0.
54	MSSSRC1	400.	0.
55	MSSSRC1	400.	0.
56	MSSSRC1	200.	0.
57	MSSSRC1	200.	0.
58	MSSSRC1	0.	0.
59	MSSSRC1	5000.	0.
60	MSSSRC1	4800.	0.
61	MSSSRC1	4600.	0.
62	MSSSRC1	4400.	0.
63	MSSSRC1	4200.	0.
64	MSSSRC1	4000.	0.
65	MSSSRC1	3800.	0.
66	MSSSRC1	3600.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
67	MSSSRC1	3400.	0.
68	MSSSRC1	3200.	0.
69	MSSSRC1	3000.	0.
70	MSSSRC1	2800.	0.
71	MSSSRC1	2600.	0.
72	MSSSRC1	2400.	0.
73	MSSSRC1	2200.	0.
74	MSSSRC1	2000.	0.
75	MSSSRC1	1800.	0.
76	MSSSRC1	1600.	0.
77	MSSSRC1	1400.	0.
78	MSSSRC1	1200.	0.
79	MSSSRC1	1000.	0.
80	MSSSRC1	800.	0.
81	MSSSRC1	600.	0.
82	MSSSRC1	400.	0.
83	MSSSRC1	200.	0.
84	MSSSRC1	0.	0.
85	MSSSRC1	5000.	0.
86	MSSSRC1	4800.	0.
87	MSSSRC1	4600.	0.
88	MSSSRC1	4400.	0.
89	MSSSRC1	4200.	0.
90	MSSSRC1	4000.	0.
91	MSSSRC1	3800.	0.
92	MSSSRC1	3600.	0.
93	MSSSRC1	3400.	0.
94	MSSSRC1	3200.	0.
95	MSSSRC1	3000.	0.
96	MSSSRC1	2800.	0.
97	MSSSRC1	2600.	0.
98	MSSSRC1	2400.	0.
99	MSSSRC1	2200.	0.
100	MSSSRC1	2000.	0.
101	MSSSRC1	1800.	0.
102	MSSSRC1	1600.	0.
103	MSSSRC1	1400.	0.
104	MSSSRC1	1200.	0.
105	MSSSRC1	1000.	0.
106	MSSSRC1	800.	0.
107	MSSSRC1	600.	0.
108	MSSSRC1	400.	0.
109	MSSSRC1	200.	0.
110	MSSSRC1	0.	0.
111	MSSSRC1	5000.	0.
112	MSSSRC1	4800.	0.
113	MSSSRC1	4600.	0.
114	MSSSRC1	4400.	0.
115	MSSSRC1	4200.	0.
116	MSSSRC1	4000.	0.
117	MSSSRC1	3800.	0.
118	MSSSRC1	3600.	0.
119	MSSSRC1	3400.	0.
120	MSSSRC1	3200.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
121	MSSSRC1	3000.	0.
122	MSSSRC1	2800.	0.
123	MSSSRC1	2600.	0.
124	MSSSRC1	2400.	0.
125	MSSSRC1	2200.	0.
126	MSSSRC1	2000.	0.
127	MSSSRC1	1800.	0.
128	MSSSRC1	1600.	0.
129	MSSSRC1	1400.	0.
130	MSSSRC1	1200.	0.
131	MSSSRC1	1000.	0.
132	MSSSRC1	800.	0.
133	MSSSRC1	600.	0.
134	MSSSRC1	400.	0.
135	MSSSRC1	200.	0.
136	MSSSRC1	0.	0.
137	MSSSRC1	5000.	0.
138	MSSSRC1	4800.	0.
139	MSSSRC1	4600.	0.
140	MSSSRC1	4400.	0.
141	MSSSRC1	4200.	0.
142	MSSSRC1	4000.	0.
143	MSSSRC1	3800.	0.
144	MSSSRC1	3600.	0.
145	MSSSRC1	3400.	0.
146	MSSSRC1	3200.	0.
147	MSSSRC1	3000.	0.
148	MSSSRC1	2800.	0.
149	MSSSRC1	2600.	0.
150	MSSSRC1	2400.	0.
151	MSSSRC1	2200.	0.
152	MSSSRC1	2000.	0.
153	MSSSRC1	1800.	0.
154	MSSSRC1	1600.	0.
155	MSSSRC1	1400.	0.
156	MSSSRC1	1200.	0.
157	MSSSRC1	1000.	0.
158	MSSSRC1	800.	0.
159	MSSSRC1	600.	0.
160	MSSSRC1	400.	0.
161	MSSSRC1	200.	0.
162	MSSSRC1	0.	0.
163	MSSSRC1	5000.	0.
164	MSSSRC1	4800.	0.
165	MSSSRC1	4600.	0.
166	MSSSRC1	4400.	0.
167	MSSSRC1	4200.	0.
168	MSSSRC1	4000.	0.
169	MSSSRC1	3800.	0.
170	MSSSRC1	3600.	0.
171	MSSSRC1	3400.	0.
172	MSSSRC1	3200.	0.
173	MSSSRC1	3000.	0.
174	MSSSRC1	2800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
175	MSSSRC1	2600.	0.
176	MSSSRC1	2400.	0.
177	MSSSRC1	2200.	0.
178	MSSSRC1	2000.	0.
179	MSSSRC1	1800.	0.
180	MSSSRC1	1600.	0.
181	MSSSRC1	1400.	0.
182	MSSSRC1	1200.	0.
183	MSSSRC1	1000.	0.
184	MSSSRC1	800.	0.
185	MSSSRC1	600.	0.
186	MSSSRC1	400.	0.
187	MSSSRC1	200.	0.
188	MSSSRC1	0.	0.
189	MSSSRC1	5000.	0.
190	MSSSRC1	4800.	0.
191	MSSSRC1	4600.	0.
192	MSSSRC1	4400.	0.
193	MSSSRC1	4200.	0.
194	MSSSRC1	4000.	0.
195	MSSSRC1	3800.	0.
196	MSSSRC1	3600.	0.
197	MSSSRC1	3400.	0.
198	MSSSRC1	3200.	0.
199	MSSSRC1	3000.	0.
200	MSSSRC1	2800.	0.
201	MSSSRC1	2600.	0.
202	MSSSRC1	2400.	0.
203	MSSSRC1	2200.	0.
204	MSSSRC1	2000.	0.
205	MSSSRC1	1800.	0.
206	MSSSRC1	1600.	0.
207	MSSSRC1	1400.	0.
208	MSSSRC1	1200.	0.
209	MSSSRC1	1000.	0.
210	MSSSRC1	800.	0.
211	MSSSRC1	600.	0.
212	MSSSRC1	400.	0.
213	MSSSRC1	200.	0.
214	MSSSRC1	0.	0.
215	MSSSRC1	5000.	0.
216	MSSSRC1	4800.	0.
217	MSSSRC1	4600.	0.
218	MSSSRC1	4400.	0.
219	MSSSRC1	4200.	0.
220	MSSSRC1	4000.	0.
221	MSSSRC1	3800.	0.
222	MSSSRC1	3600.	0.
223	MSSSRC1	3400.	0.
224	MSSSRC1	3200.	0.
225	MSSSRC1	3000.	0.
226	MSSSRC1	2800.	0.
227	MSSSRC1	2600.	0.
228	MSSSRC1	2400.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
229	MSSSRC1	2200.	0.
230	MSSSRC1	2000.	0.
231	MSSSRC1	1800.	0.
232	MSSSRC1	1600.	0.
233	MSSSRC1	1400.	0.
234	MSSSRC1	1200.	0.
235	MSSSRC1	1000.	0.
236	MSSSRC1	800.	0.
237	MSSSRC1	600.	0.
238	MSSSRC1	400.	0.
239	MSSSRC1	200.	0.
240	MSSSRC1	0.	0.
241	MSSSRC1	5000.	0.
242	MSSSRC1	4800.	0.
243	MSSSRC1	4600.	0.
244	MSSSRC1	4400.	0.
245	MSSSRC1	4200.	0.
246	MSSSRC1	4000.	0.
247	MSSSRC1	3800.	0.
248	MSSSRC1	3600.	0.
249	MSSSRC1	3400.	0.
250	MSSSRC1	3200.	0.
251	MSSSRC1	3000.	0.
252	MSSSRC1	2800.	0.
253	MSSSRC1	2600.	0.
254	MSSSRC1	2400.	0.
255	MSSSRC1	2200.	0.
256	MSSSRC1	2000.	0.
257	MSSSRC1	1800.	0.
258	MSSSRC1	1600.	0.
259	MSSSRC1	1400.	0.
260	MSSSRC1	1200.	0.
261	MSSSRC1	1000.	0.
262	MSSSRC1	800.	0.
263	MSSSRC1	600.	0.
264	MSSSRC1	400.	0.
265	MSSSRC1	200.	0.
266	MSSSRC1	0.	0.
267	MSSSRC1	5000.	0.
268	MSSSRC1	4800.	0.
269	MSSSRC1	4600.	0.
270	MSSSRC1	4400.	0.
271	MSSSRC1	4200.	0.
272	MSSSRC1	4000.	0.
273	MSSSRC1	3800.	0.
274	MSSSRC1	3600.	0.
275	MSSSRC1	3400.	0.
276	MSSSRC1	3200.	0.
277	MSSSRC1	3000.	0.
278	MSSSRC1	2800.	0.
279	MSSSRC1	2600.	0.
280	MSSSRC1	2400.	0.
281	MSSSRC1	2200.	0.
282	MSSSRC1	2000.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
283	MSSSRC1	1800.	0.
284	MSSSRC1	1600.	0.
285	MSSSRC1	1400.	0.
286	MSSSRC1	1200.	0.
287	MSSSRC1	1000.	0.
288	MSSSRC1	800.	0.
289	MSSSRC1	600.	0.
290	MSSSRC1	400.	0.
291	MSSSRC1	200.	0.
292	MSSSRC1	0.	0.
293	MSSSRC1	5000.	0.
294	MSSSRC1	4800.	0.
295	MSSSRC1	4600.	0.
296	MSSSRC1	4400.	0.
297	MSSSRC1	4200.	0.
298	MSSSRC1	4000.	0.
299	MSSSRC1	3800.	0.
300	MSSSRC1	3600.	0.
301	MSSSRC1	3400.	0.
302	MSSSRC1	3200.	0.
303	MSSSRC1	3000.	0.
304	MSSSRC1	2800.	0.
305	MSSSRC1	2600.	0.
306	MSSSRC1	2400.	0.
307	MSSSRC1	2200.	0.
308	MSSSRC1	2000.	0.
309	MSSSRC1	1800.	0.
310	MSSSRC1	1600.	0.
311	MSSSRC1	1400.	0.
312	MSSSRC1	1200.	0.
313	MSSSRC1	1000.	0.
314	MSSSRC1	800.	0.
315	MSSSRC1	600.	0.
316	MSSSRC1	400.	0.
317	MSSSRC1	200.	0.
318	MSSSRC1	0.	0.
319	MSSSRC1	5000.	0.
320	MSSSRC1	4800.	0.
321	MSSSRC1	4600.	0.
322	MSSSRC1	4400.	0.
323	MSSSRC1	4200.	0.
324	MSSSRC1	4000.	0.
325	MSSSRC1	3800.	0.
326	MSSSRC1	3600.	0.
327	MSSSRC1	3400.	0.
328	MSSSRC1	3200.	0.
329	MSSSRC1	3000.	0.
330	MSSSRC1	2800.	0.
331	MSSSRC1	2600.	0.
332	MSSSRC1	2400.	0.
333	MSSSRC1	2200.	0.
334	MSSSRC1	2000.	0.
335	MSSSRC1	1800.	0.
336	MSSSRC1	1600.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
337	MSSSRC1	1400.	0.
338	MSSSRC1	1200.	0.
339	MSSSRC1	1000.	0.
340	MSSSRC1	800.	0.
341	MSSSRC1	600.	0.
342	MSSSRC1	400.	0.
343	MSSSRC1	200.	0.
344	MSSSRC1	0.	0.
345	MSSSRC1	5000.	0.
346	MSSSRC1	4800.	0.
347	MSSSRC1	4600.	0.
348	MSSSRC1	4400.	0.
349	MSSSRC1	4200.	0.
350	MSSSRC1	4000.	0.
351	MSSSRC1	3800.	0.
352	MSSSRC1	3600.	0.
353	MSSSRC1	3400.	0.
354	MSSSRC1	3200.	0.
355	MSSSRC1	3000.	0.
356	MSSSRC1	2800.	0.
357	MSSSRC1	2600.	0.
358	MSSSRC1	2400.	0.
359	MSSSRC1	2200.	0.
360	MSSSRC1	2000.	0.
361	MSSSRC1	1800.	0.
362	MSSSRC1	1600.	0.
363	MSSSRC1	1400.	0.
364	MSSSRC1	1200.	0.
365	MSSSRC1	1000.	0.
366	MSSSRC1	800.	0.
367	MSSSRC1	600.	0.
368	MSSSRC1	400.	0.
369	MSSSRC1	200.	0.
370	MSSSRC1	0.	0.
371	MSSSRC1	5000.	0.
372	MSSSRC1	4800.	0.
373	MSSSRC1	4600.	0.
374	MSSSRC1	4400.	0.
375	MSSSRC1	4200.	0.
376	MSSSRC1	4000.	0.
377	MSSSRC1	3800.	0.
378	MSSSRC1	3600.	0.
379	MSSSRC1	3400.	0.
380	MSSSRC1	3200.	0.
381	MSSSRC1	3000.	0.
382	MSSSRC1	2800.	0.
383	MSSSRC1	2600.	0.
384	MSSSRC1	2400.	0.
385	MSSSRC1	2200.	0.
386	MSSSRC1	2000.	0.
387	MSSSRC1	1800.	0.
388	MSSSRC1	1600.	0.
389	MSSSRC1	1400.	0.
390	MSSSRC1	1200.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
391	MSSSRC1	1000.	0.
392	MSSSRC1	800.	0.
393	MSSSRC1	600.	0.
394	MSSSRC1	400.	0.
395	MSSSRC1	200.	0.
396	MSSSRC1	0.	0.
397	MSSSRC1	5000.	0.
398	MSSSRC1	4800.	0.
399	MSSSRC1	4600.	0.
400	MSSSRC1	4400.	0.
401	MSSSRC1	4200.	0.
402	MSSSRC1	4000.	0.
403	MSSSRC1	3800.	0.
404	MSSSRC1	3600.	0.
405	MSSSRC1	3400.	0.
406	MSSSRC1	3200.	0.
407	MSSSRC1	3000.	0.
408	MSSSRC1	2800.	0.
409	MSSSRC1	2600.	0.
410	MSSSRC1	2400.	0.
411	MSSSRC1	2200.	0.
412	MSSSRC1	2000.	0.
413	MSSSRC1	1800.	0.
414	MSSSRC1	1600.	0.
415	MSSSRC1	1400.	0.
416	MSSSRC1	1200.	0.
417	MSSSRC1	1000.	0.
418	MSSSRC1	800.	0.
419	MSSSRC1	600.	0.
420	MSSSRC1	400.	0.
421	MSSSRC1	200.	0.
422	MSSSRC1	0.	0.
423	MSSSRC1	5000.	0.
424	MSSSRC1	4800.	0.
425	MSSSRC1	4600.	0.
426	MSSSRC1	4400.	0.
427	MSSSRC1	4200.	0.
428	MSSSRC1	4000.	0.
429	MSSSRC1	3800.	0.
430	MSSSRC1	3600.	0.
431	MSSSRC1	3400.	0.
432	MSSSRC1	3200.	0.
433	MSSSRC1	3000.	0.
434	MSSSRC1	2800.	0.
435	MSSSRC1	2600.	0.
436	MSSSRC1	2400.	0.
437	MSSSRC1	2200.	0.
438	MSSSRC1	2000.	0.
439	MSSSRC1	1800.	0.
440	MSSSRC1	1600.	0.
441	MSSSRC1	1400.	0.
442	MSSSRC1	1200.	0.
443	MSSSRC1	1000.	0.
444	MSSSRC1	800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
445	MSSSRC1	600.	0.
446	MSSSRC1	400.	0.
447	MSSSRC1	200.	0.
448	MSSSRC1	0.	0.
449	MSSSRC1	5000.	0.
450	MSSSRC1	4800.	0.
451	MSSSRC1	4600.	0.
452	MSSSRC1	4400.	0.
453	MSSSRC1	4200.	0.
454	MSSSRC1	4000.	0.
455	MSSSRC1	3800.	0.
456	MSSSRC1	3600.	0.
457	MSSSRC1	3400.	0.
458	MSSSRC1	3200.	0.
459	MSSSRC1	3000.	0.
460	MSSSRC1	2800.	0.
461	MSSSRC1	2600.	0.
462	MSSSRC1	2400.	0.
463	MSSSRC1	2200.	0.
464	MSSSRC1	2000.	0.
465	MSSSRC1	1800.	0.
466	MSSSRC1	1600.	0.
467	MSSSRC1	1400.	0.
468	MSSSRC1	1200.	0.
469	MSSSRC1	1000.	0.
470	MSSSRC1	800.	0.
471	MSSSRC1	600.	0.
472	MSSSRC1	400.	0.
473	MSSSRC1	200.	0.
474	MSSSRC1	0.	0.
475	MSSSRC1	5000.	0.
476	MSSSRC1	4800.	0.
477	MSSSRC1	4600.	0.
478	MSSSRC1	4400.	0.
479	MSSSRC1	4200.	0.
480	MSSSRC1	4000.	0.
481	MSSSRC1	3800.	0.
482	MSSSRC1	3600.	0.
483	MSSSRC1	3400.	0.
484	MSSSRC1	3200.	0.
485	MSSSRC1	3000.	0.
486	MSSSRC1	2800.	0.
487	MSSSRC1	2600.	0.
488	MSSSRC1	2400.	0.
489	MSSSRC1	2200.	0.
490	MSSSRC1	2000.	0.
491	MSSSRC1	1800.	0.
492	MSSSRC1	1600.	0.
493	MSSSRC1	1400.	0.
494	MSSSRC1	1200.	0.
495	MSSSRC1	1000.	0.
496	MSSSRC1	800.	0.
497	MSSSRC1	600.	0.
498	MSSSRC1	400.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
499	MSSSRC1	200.	0.
500	MSSSRC1	0.	0.
501	MSSSRC1	5000.	0.
502	MSSSRC1	4800.	0.
503	MSSSRC1	4600.	0.
504	MSSSRC1	4400.	0.
505	MSSSRC1	4200.	0.
506	MSSSRC1	4000.	0.
507	MSSSRC1	3800.	0.
508	MSSSRC1	3600.	0.
509	MSSSRC1	3400.	0.
510	MSSSRC1	3200.	0.
511	MSSSRC1	3000.	0.
512	MSSSRC1	2800.	0.
513	MSSSRC1	2600.	0.
514	MSSSRC1	2400.	0.
515	MSSSRC1	2200.	0.
516	MSSSRC1	2000.	0.
517	MSSSRC1	1800.	0.
518	MSSSRC1	1600.	0.
519	MSSSRC1	1400.	0.
520	MSSSRC1	1200.	0.
521	MSSSRC1	1000.	0.
522	MSSSRC1	800.	0.
523	MSSSRC1	600.	0.
524	MSSSRC1	400.	0.
525	MSSSRC1	200.	0.
526	MSSSRC1	0.	0.
527	MSSSRC1	5000.	0.
528	MSSSRC1	4800.	0.
529	MSSSRC1	4600.	0.
530	MSSSRC1	4400.	0.
531	MSSSRC1	4200.	0.
532	MSSSRC1	4000.	0.
533	MSSSRC1	3800.	0.
534	MSSSRC1	3600.	0.
535	MSSSRC1	3400.	0.
536	MSSSRC1	3200.	0.
537	MSSSRC1	3000.	0.
538	MSSSRC1	2800.	0.
539	MSSSRC1	2600.	0.
540	MSSSRC1	2400.	0.
541	MSSSRC1	2200.	0.
542	MSSSRC1	2000.	0.
543	MSSSRC1	1800.	0.
544	MSSSRC1	1600.	0.
545	MSSSRC1	1400.	0.
546	MSSSRC1	1200.	0.
547	MSSSRC1	1000.	0.
548	MSSSRC1	800.	0.
549	MSSSRC1	600.	0.
550	MSSSRC1	400.	0.
551	MSSSRC1	200.	0.
552	MSSSRC1	0.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
553	MSSSRC1	5000.	0.
554	MSSSRC1	4800.	0.
555	MSSSRC1	4600.	0.
556	MSSSRC1	4400.	0.
557	MSSSRC1	4200.	0.
558	MSSSRC1	4000.	0.
559	MSSSRC1	3800.	0.
560	MSSSRC1	3600.	0.
561	MSSSRC1	3400.	0.
562	MSSSRC1	3200.	0.
563	MSSSRC1	3000.	0.
564	MSSSRC1	2800.	0.
565	MSSSRC1	2600.	0.
566	MSSSRC1	2400.	0.
567	MSSSRC1	2200.	0.
568	MSSSRC1	2000.	0.
569	MSSSRC1	1800.	0.
570	MSSSRC1	1600.	0.
571	MSSSRC1	1400.	0.
572	MSSSRC1	1200.	0.
573	MSSSRC1	1000.	0.
574	MSSSRC1	800.	0.
575	MSSSRC1	600.	0.
576	MSSSRC1	400.	0.
577	MSSSRC1	200.	0.
578	MSSSRC1	0.	0.
579	MSSSRC1	5000.	0.
580	MSSSRC1	4800.	0.
581	MSSSRC1	4600.	0.
582	MSSSRC1	4400.	0.
583	MSSSRC1	4200.	0.
584	MSSSRC1	4000.	0.
585	MSSSRC1	3800.	0.
586	MSSSRC1	3600.	0.
587	MSSSRC1	3400.	0.
588	MSSSRC1	3200.	0.
589	MSSSRC1	3000.	0.
590	MSSSRC1	2800.	0.
591	MSSSRC1	2600.	0.
592	MSSSRC1	2400.	0.
593	MSSSRC1	2200.	0.
594	MSSSRC1	2000.	0.
595	MSSSRC1	1800.	0.
596	MSSSRC1	1600.	0.
597	MSSSRC1	1400.	0.
598	MSSSRC1	1200.	0.
599	MSSSRC1	1000.	0.
600	MSSSRC1	800.	0.
601	MSSSRC1	600.	0.
602	MSSSRC1	400.	0.
603	MSSSRC1	200.	0.
604	MSSSRC1	0.	0.
605	MSSSRC1	5000.	0.
606	MSSSRC1	4800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
607	MSSSRC1	4600.	0.
608	MSSSRC1	4400.	0.
609	MSSSRC1	4200.	0.
610	MSSSRC1	4000.	0.
611	MSSSRC1	3800.	0.
612	MSSSRC1	3600.	0.
613	MSSSRC1	3400.	0.
614	MSSSRC1	3200.	0.
615	MSSSRC1	3000.	0.
616	MSSSRC1	2800.	0.
617	MSSSRC1	2600.	0.
618	MSSSRC1	2400.	0.
619	MSSSRC1	2200.	0.
620	MSSSRC1	2000.	0.
621	MSSSRC1	1800.	0.
622	MSSSRC1	1600.	0.
623	MSSSRC1	1400.	0.
624	MSSSRC1	1200.	0.
625	MSSSRC1	1000.	0.
626	MSSSRC1	800.	0.
627	MSSSRC1	600.	0.
628	MSSSRC1	400.	0.
629	MSSSRC1	200.	0.
630	MSSSRC1	0.	0.
631	MSSSRC1	5000.	0.
632	MSSSRC1	4800.	0.
633	MSSSRC1	4600.	0.
634	MSSSRC1	4400.	0.
635	MSSSRC1	4200.	0.
636	MSSSRC1	4000.	0.
637	MSSSRC1	3800.	0.
638	MSSSRC1	3600.	0.
639	MSSSRC1	3400.	0.
640	MSSSRC1	3200.	0.
641	MSSSRC1	3000.	0.
642	MSSSRC1	2800.	0.
643	MSSSRC1	2600.	0.
644	MSSSRC1	2400.	0.
645	MSSSRC1	2200.	0.
646	MSSSRC1	2000.	0.
647	MSSSRC1	1800.	0.
648	MSSSRC1	1600.	0.
649	MSSSRC1	1400.	0.
650	MSSSRC1	1200.	0.
651	MSSSRC1	1000.	0.
652	MSSSRC1	800.	0.
653	MSSSRC1	600.	0.
654	MSSSRC1	400.	0.
655	MSSSRC1	200.	0.
656	MSSSRC1	0.	0.
657	MSSSRC1	4800.	0.
658	MSSSRC1	4600.	0.
659	MSSSRC1	4400.	0.
660	MSSSRC1	4200.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
661	MSSSRC1	4000.	0.
662	MSSSRC1	3800.	0.
663	MSSSRC1	3600.	0.
664	MSSSRC1	3400.	0.
665	MSSSRC1	3200.	0.
666	MSSSRC1	3000.	0.
667	MSSSRC1	2800.	0.
668	MSSSRC1	2600.	0.
669	MSSSRC1	2400.	0.
670	MSSSRC1	2200.	0.
671	MSSSRC1	2000.	0.
672	MSSSRC1	1800.	0.
673	MSSSRC1	1600.	0.
674	MSSSRC1	1400.	0.
675	MSSSRC1	1200.	0.
676	MSSSRC1	1000.	0.
677	MSSSRC1	800.	0.
678	MSSSRC1	600.	0.
679	MSSSRC1	400.	0.
680	MSSSRC1	200.	0.
5~Link	MSSSRC1	5000.	0.
11~Link	MSSSRC1	4800.	0.
10~Link	MSSSRC1	4800.	0.
9~Link	MSSSRC1	5000.	0.
13~Link	MSSSRC1	4600.	0.
12~Link	MSSSRC1	4600.	0.
15~Link	MSSSRC1	4400.	0.
14~Link	MSSSRC1	4400.	0.
17~Link	MSSSRC1	4200.	0.
16~Link	MSSSRC1	4200.	0.
19~Link	MSSSRC1	4000.	0.
18~Link	MSSSRC1	4000.	0.
21~Link	MSSSRC1	3800.	0.
20~Link	MSSSRC1	3800.	0.
23~Link	MSSSRC1	3600.	0.
22~Link	MSSSRC1	3600.	0.
25~Link	MSSSRC1	3400.	0.
24~Link	MSSSRC1	3400.	0.
27~Link	MSSSRC1	3200.	0.
26~Link	MSSSRC1	3200.	0.
29~Link	MSSSRC1	3000.	0.
28~Link	MSSSRC1	3000.	0.
31~Link	MSSSRC1	2800.	0.
30~Link	MSSSRC1	2800.	0.
33~Link	MSSSRC1	2600.	0.
32~Link	MSSSRC1	2600.	0.
35~Link	MSSSRC1	2400.	0.
34~Link	MSSSRC1	2400.	0.
37~Link	MSSSRC1	2200.	0.
36~Link	MSSSRC1	2200.	0.
39~Link	MSSSRC1	2000.	0.
38~Link	MSSSRC1	2000.	0.
41~Link	MSSSRC1	1800.	0.
40~Link	MSSSRC1	1800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
43~Link	MSSSRC1	1600.	0.
42~Link	MSSSRC1	1600.	0.
45~Link	MSSSRC1	1400.	0.
44~Link	MSSSRC1	1400.	0.
47~Link	MSSSRC1	1200.	0.
46~Link	MSSSRC1	1200.	0.
49~Link	MSSSRC1	1000.	0.
48~Link	MSSSRC1	1000.	0.
51~Link	MSSSRC1	800.	0.
50~Link	MSSSRC1	800.	0.
53~Link	MSSSRC1	600.	0.
52~Link	MSSSRC1	600.	0.
55~Link	MSSSRC1	400.	0.
54~Link	MSSSRC1	400.	0.
57~Link	MSSSRC1	200.	0.
56~Link	MSSSRC1	200.	0.
8~Link	MSSSRC1	0.	0.
58~Link	MSSSRC1	0.	0.
60~Link	MSSSRC1	4800.	0.
59~Link	MSSSRC1	5000.	0.
61~Link	MSSSRC1	4600.	0.
62~Link	MSSSRC1	4400.	0.
63~Link	MSSSRC1	4200.	0.
64~Link	MSSSRC1	4000.	0.
65~Link	MSSSRC1	3800.	0.
66~Link	MSSSRC1	3600.	0.
67~Link	MSSSRC1	3400.	0.
68~Link	MSSSRC1	3200.	0.
69~Link	MSSSRC1	3000.	0.
70~Link	MSSSRC1	2800.	0.
71~Link	MSSSRC1	2600.	0.
72~Link	MSSSRC1	2400.	0.
73~Link	MSSSRC1	2200.	0.
74~Link	MSSSRC1	2000.	0.
75~Link	MSSSRC1	1800.	0.
76~Link	MSSSRC1	1600.	0.
77~Link	MSSSRC1	1400.	0.
78~Link	MSSSRC1	1200.	0.
79~Link	MSSSRC1	1000.	0.
80~Link	MSSSRC1	800.	0.
81~Link	MSSSRC1	600.	0.
82~Link	MSSSRC1	400.	0.
83~Link	MSSSRC1	200.	0.
84~Link	MSSSRC1	0.	0.
86~Link	MSSSRC1	4800.	0.
85~Link	MSSSRC1	5000.	0.
87~Link	MSSSRC1	4600.	0.
88~Link	MSSSRC1	4400.	0.
89~Link	MSSSRC1	4200.	0.
90~Link	MSSSRC1	4000.	0.
91~Link	MSSSRC1	3800.	0.
92~Link	MSSSRC1	3600.	0.
93~Link	MSSSRC1	3400.	0.
94~Link	MSSSRC1	3200.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
95~Link	MSSSRC1	3000.	0.
96~Link	MSSSRC1	2800.	0.
97~Link	MSSSRC1	2600.	0.
98~Link	MSSSRC1	2400.	0.
99~Link	MSSSRC1	2200.	0.
100~Link	MSSSRC1	2000.	0.
101~Link	MSSSRC1	1800.	0.
102~Link	MSSSRC1	1600.	0.
103~Link	MSSSRC1	1400.	0.
104~Link	MSSSRC1	1200.	0.
105~Link	MSSSRC1	1000.	0.
106~Link	MSSSRC1	800.	0.
107~Link	MSSSRC1	600.	0.
108~Link	MSSSRC1	400.	0.
109~Link	MSSSRC1	200.	0.
110~Link	MSSSRC1	0.	0.
112~Link	MSSSRC1	4800.	0.
111~Link	MSSSRC1	5000.	0.
113~Link	MSSSRC1	4600.	0.
114~Link	MSSSRC1	4400.	0.
115~Link	MSSSRC1	4200.	0.
116~Link	MSSSRC1	4000.	0.
117~Link	MSSSRC1	3800.	0.
118~Link	MSSSRC1	3600.	0.
119~Link	MSSSRC1	3400.	0.
120~Link	MSSSRC1	3200.	0.
121~Link	MSSSRC1	3000.	0.
122~Link	MSSSRC1	2800.	0.
123~Link	MSSSRC1	2600.	0.
124~Link	MSSSRC1	2400.	0.
125~Link	MSSSRC1	2200.	0.
126~Link	MSSSRC1	2000.	0.
127~Link	MSSSRC1	1800.	0.
128~Link	MSSSRC1	1600.	0.
129~Link	MSSSRC1	1400.	0.
130~Link	MSSSRC1	1200.	0.
131~Link	MSSSRC1	1000.	0.
132~Link	MSSSRC1	800.	0.
133~Link	MSSSRC1	600.	0.
134~Link	MSSSRC1	400.	0.
135~Link	MSSSRC1	200.	0.
136~Link	MSSSRC1	0.	0.
138~Link	MSSSRC1	4800.	0.
137~Link	MSSSRC1	5000.	0.
139~Link	MSSSRC1	4600.	0.
140~Link	MSSSRC1	4400.	0.
141~Link	MSSSRC1	4200.	0.
142~Link	MSSSRC1	4000.	0.
143~Link	MSSSRC1	3800.	0.
144~Link	MSSSRC1	3600.	0.
145~Link	MSSSRC1	3400.	0.
146~Link	MSSSRC1	3200.	0.
147~Link	MSSSRC1	3000.	0.
148~Link	MSSSRC1	2800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
149~Link	MSSSRC1	2600.	0.
150~Link	MSSSRC1	2400.	0.
151~Link	MSSSRC1	2200.	0.
152~Link	MSSSRC1	2000.	0.
153~Link	MSSSRC1	1800.	0.
154~Link	MSSSRC1	1600.	0.
155~Link	MSSSRC1	1400.	0.
156~Link	MSSSRC1	1200.	0.
157~Link	MSSSRC1	1000.	0.
158~Link	MSSSRC1	800.	0.
159~Link	MSSSRC1	600.	0.
160~Link	MSSSRC1	400.	0.
161~Link	MSSSRC1	200.	0.
162~Link	MSSSRC1	0.	0.
164~Link	MSSSRC1	4800.	0.
163~Link	MSSSRC1	5000.	0.
165~Link	MSSSRC1	4600.	0.
166~Link	MSSSRC1	4400.	0.
167~Link	MSSSRC1	4200.	0.
168~Link	MSSSRC1	4000.	0.
169~Link	MSSSRC1	3800.	0.
170~Link	MSSSRC1	3600.	0.
171~Link	MSSSRC1	3400.	0.
172~Link	MSSSRC1	3200.	0.
173~Link	MSSSRC1	3000.	0.
174~Link	MSSSRC1	2800.	0.
175~Link	MSSSRC1	2600.	0.
176~Link	MSSSRC1	2400.	0.
177~Link	MSSSRC1	2200.	0.
178~Link	MSSSRC1	2000.	0.
179~Link	MSSSRC1	1800.	0.
180~Link	MSSSRC1	1600.	0.
181~Link	MSSSRC1	1400.	0.
182~Link	MSSSRC1	1200.	0.
183~Link	MSSSRC1	1000.	0.
184~Link	MSSSRC1	800.	0.
185~Link	MSSSRC1	600.	0.
186~Link	MSSSRC1	400.	0.
187~Link	MSSSRC1	200.	0.
188~Link	MSSSRC1	0.	0.
190~Link	MSSSRC1	4800.	0.
189~Link	MSSSRC1	5000.	0.
191~Link	MSSSRC1	4600.	0.
192~Link	MSSSRC1	4400.	0.
193~Link	MSSSRC1	4200.	0.
194~Link	MSSSRC1	4000.	0.
195~Link	MSSSRC1	3800.	0.
196~Link	MSSSRC1	3600.	0.
197~Link	MSSSRC1	3400.	0.
198~Link	MSSSRC1	3200.	0.
199~Link	MSSSRC1	3000.	0.
200~Link	MSSSRC1	2800.	0.
201~Link	MSSSRC1	2600.	0.
202~Link	MSSSRC1	2400.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
203~Link	MSSSRC1	2200.	0.
204~Link	MSSSRC1	2000.	0.
205~Link	MSSSRC1	1800.	0.
206~Link	MSSSRC1	1600.	0.
207~Link	MSSSRC1	1400.	0.
208~Link	MSSSRC1	1200.	0.
209~Link	MSSSRC1	1000.	0.
210~Link	MSSSRC1	800.	0.
211~Link	MSSSRC1	600.	0.
212~Link	MSSSRC1	400.	0.
213~Link	MSSSRC1	200.	0.
214~Link	MSSSRC1	0.	0.
216~Link	MSSSRC1	4800.	0.
215~Link	MSSSRC1	5000.	0.
217~Link	MSSSRC1	4600.	0.
218~Link	MSSSRC1	4400.	0.
219~Link	MSSSRC1	4200.	0.
220~Link	MSSSRC1	4000.	0.
221~Link	MSSSRC1	3800.	0.
222~Link	MSSSRC1	3600.	0.
223~Link	MSSSRC1	3400.	0.
224~Link	MSSSRC1	3200.	0.
225~Link	MSSSRC1	3000.	0.
226~Link	MSSSRC1	2800.	0.
227~Link	MSSSRC1	2600.	0.
228~Link	MSSSRC1	2400.	0.
229~Link	MSSSRC1	2200.	0.
230~Link	MSSSRC1	2000.	0.
231~Link	MSSSRC1	1800.	0.
232~Link	MSSSRC1	1600.	0.
233~Link	MSSSRC1	1400.	0.
234~Link	MSSSRC1	1200.	0.
235~Link	MSSSRC1	1000.	0.
236~Link	MSSSRC1	800.	0.
237~Link	MSSSRC1	600.	0.
238~Link	MSSSRC1	400.	0.
239~Link	MSSSRC1	200.	0.
240~Link	MSSSRC1	0.	0.
242~Link	MSSSRC1	4800.	0.
241~Link	MSSSRC1	5000.	0.
243~Link	MSSSRC1	4600.	0.
244~Link	MSSSRC1	4400.	0.
245~Link	MSSSRC1	4200.	0.
246~Link	MSSSRC1	4000.	0.
247~Link	MSSSRC1	3800.	0.
248~Link	MSSSRC1	3600.	0.
249~Link	MSSSRC1	3400.	0.
250~Link	MSSSRC1	3200.	0.
251~Link	MSSSRC1	3000.	0.
252~Link	MSSSRC1	2800.	0.
253~Link	MSSSRC1	2600.	0.
254~Link	MSSSRC1	2400.	0.
255~Link	MSSSRC1	2200.	0.
256~Link	MSSSRC1	2000.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
257~Link	MSSSRC1	1800.	0.
258~Link	MSSSRC1	1600.	0.
259~Link	MSSSRC1	1400.	0.
260~Link	MSSSRC1	1200.	0.
261~Link	MSSSRC1	1000.	0.
262~Link	MSSSRC1	800.	0.
263~Link	MSSSRC1	600.	0.
264~Link	MSSSRC1	400.	0.
265~Link	MSSSRC1	200.	0.
266~Link	MSSSRC1	0.	0.
268~Link	MSSSRC1	4800.	0.
267~Link	MSSSRC1	5000.	0.
269~Link	MSSSRC1	4600.	0.
270~Link	MSSSRC1	4400.	0.
271~Link	MSSSRC1	4200.	0.
272~Link	MSSSRC1	4000.	0.
273~Link	MSSSRC1	3800.	0.
274~Link	MSSSRC1	3600.	0.
275~Link	MSSSRC1	3400.	0.
276~Link	MSSSRC1	3200.	0.
277~Link	MSSSRC1	3000.	0.
278~Link	MSSSRC1	2800.	0.
279~Link	MSSSRC1	2600.	0.
280~Link	MSSSRC1	2400.	0.
281~Link	MSSSRC1	2200.	0.
282~Link	MSSSRC1	2000.	0.
283~Link	MSSSRC1	1800.	0.
284~Link	MSSSRC1	1600.	0.
285~Link	MSSSRC1	1400.	0.
286~Link	MSSSRC1	1200.	0.
287~Link	MSSSRC1	1000.	0.
288~Link	MSSSRC1	800.	0.
289~Link	MSSSRC1	600.	0.
290~Link	MSSSRC1	400.	0.
291~Link	MSSSRC1	200.	0.
292~Link	MSSSRC1	0.	0.
294~Link	MSSSRC1	4800.	0.
293~Link	MSSSRC1	5000.	0.
295~Link	MSSSRC1	4600.	0.
296~Link	MSSSRC1	4400.	0.
297~Link	MSSSRC1	4200.	0.
298~Link	MSSSRC1	4000.	0.
299~Link	MSSSRC1	3800.	0.
300~Link	MSSSRC1	3600.	0.
301~Link	MSSSRC1	3400.	0.
302~Link	MSSSRC1	3200.	0.
303~Link	MSSSRC1	3000.	0.
304~Link	MSSSRC1	2800.	0.
305~Link	MSSSRC1	2600.	0.
306~Link	MSSSRC1	2400.	0.
307~Link	MSSSRC1	2200.	0.
308~Link	MSSSRC1	2000.	0.
309~Link	MSSSRC1	1800.	0.
310~Link	MSSSRC1	1600.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
311~Link	MSSSRC1	1400.	0.
312~Link	MSSSRC1	1200.	0.
313~Link	MSSSRC1	1000.	0.
314~Link	MSSSRC1	800.	0.
315~Link	MSSSRC1	600.	0.
316~Link	MSSSRC1	400.	0.
317~Link	MSSSRC1	200.	0.
318~Link	MSSSRC1	0.	0.
320~Link	MSSSRC1	4800.	0.
319~Link	MSSSRC1	5000.	0.
321~Link	MSSSRC1	4600.	0.
322~Link	MSSSRC1	4400.	0.
323~Link	MSSSRC1	4200.	0.
324~Link	MSSSRC1	4000.	0.
325~Link	MSSSRC1	3800.	0.
326~Link	MSSSRC1	3600.	0.
327~Link	MSSSRC1	3400.	0.
328~Link	MSSSRC1	3200.	0.
329~Link	MSSSRC1	3000.	0.
330~Link	MSSSRC1	2800.	0.
331~Link	MSSSRC1	2600.	0.
332~Link	MSSSRC1	2400.	0.
333~Link	MSSSRC1	2200.	0.
334~Link	MSSSRC1	2000.	0.
335~Link	MSSSRC1	1800.	0.
336~Link	MSSSRC1	1600.	0.
337~Link	MSSSRC1	1400.	0.
338~Link	MSSSRC1	1200.	0.
339~Link	MSSSRC1	1000.	0.
340~Link	MSSSRC1	800.	0.
341~Link	MSSSRC1	600.	0.
342~Link	MSSSRC1	400.	0.
343~Link	MSSSRC1	200.	0.
344~Link	MSSSRC1	0.	0.
346~Link	MSSSRC1	4800.	0.
345~Link	MSSSRC1	5000.	0.
347~Link	MSSSRC1	4600.	0.
348~Link	MSSSRC1	4400.	0.
349~Link	MSSSRC1	4200.	0.
350~Link	MSSSRC1	4000.	0.
351~Link	MSSSRC1	3800.	0.
352~Link	MSSSRC1	3600.	0.
353~Link	MSSSRC1	3400.	0.
354~Link	MSSSRC1	3200.	0.
355~Link	MSSSRC1	3000.	0.
356~Link	MSSSRC1	2800.	0.
357~Link	MSSSRC1	2600.	0.
358~Link	MSSSRC1	2400.	0.
359~Link	MSSSRC1	2200.	0.
360~Link	MSSSRC1	2000.	0.
361~Link	MSSSRC1	1800.	0.
362~Link	MSSSRC1	1600.	0.
363~Link	MSSSRC1	1400.	0.
364~Link	MSSSRC1	1200.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
365~Link	MSSSRC1	1000.	0.
366~Link	MSSSRC1	800.	0.
367~Link	MSSSRC1	600.	0.
368~Link	MSSSRC1	400.	0.
369~Link	MSSSRC1	200.	0.
370~Link	MSSSRC1	0.	0.
372~Link	MSSSRC1	4800.	0.
371~Link	MSSSRC1	5000.	0.
373~Link	MSSSRC1	4600.	0.
374~Link	MSSSRC1	4400.	0.
375~Link	MSSSRC1	4200.	0.
376~Link	MSSSRC1	4000.	0.
377~Link	MSSSRC1	3800.	0.
378~Link	MSSSRC1	3600.	0.
379~Link	MSSSRC1	3400.	0.
380~Link	MSSSRC1	3200.	0.
381~Link	MSSSRC1	3000.	0.
382~Link	MSSSRC1	2800.	0.
383~Link	MSSSRC1	2600.	0.
384~Link	MSSSRC1	2400.	0.
385~Link	MSSSRC1	2200.	0.
386~Link	MSSSRC1	2000.	0.
387~Link	MSSSRC1	1800.	0.
388~Link	MSSSRC1	1600.	0.
389~Link	MSSSRC1	1400.	0.
390~Link	MSSSRC1	1200.	0.
391~Link	MSSSRC1	1000.	0.
392~Link	MSSSRC1	800.	0.
393~Link	MSSSRC1	600.	0.
394~Link	MSSSRC1	400.	0.
395~Link	MSSSRC1	200.	0.
396~Link	MSSSRC1	0.	0.
398~Link	MSSSRC1	4800.	0.
397~Link	MSSSRC1	5000.	0.
399~Link	MSSSRC1	4600.	0.
400~Link	MSSSRC1	4400.	0.
401~Link	MSSSRC1	4200.	0.
402~Link	MSSSRC1	4000.	0.
403~Link	MSSSRC1	3800.	0.
404~Link	MSSSRC1	3600.	0.
405~Link	MSSSRC1	3400.	0.
406~Link	MSSSRC1	3200.	0.
407~Link	MSSSRC1	3000.	0.
408~Link	MSSSRC1	2800.	0.
409~Link	MSSSRC1	2600.	0.
410~Link	MSSSRC1	2400.	0.
411~Link	MSSSRC1	2200.	0.
412~Link	MSSSRC1	2000.	0.
413~Link	MSSSRC1	1800.	0.
414~Link	MSSSRC1	1600.	0.
415~Link	MSSSRC1	1400.	0.
416~Link	MSSSRC1	1200.	0.
417~Link	MSSSRC1	1000.	0.
418~Link	MSSSRC1	800.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
419~Link	MSSSRC1	600.	0.
420~Link	MSSSRC1	400.	0.
421~Link	MSSSRC1	200.	0.
422~Link	MSSSRC1	0.	0.
424~Link	MSSSRC1	4800.	0.
423~Link	MSSSRC1	5000.	0.
425~Link	MSSSRC1	4600.	0.
426~Link	MSSSRC1	4400.	0.
427~Link	MSSSRC1	4200.	0.
428~Link	MSSSRC1	4000.	0.
429~Link	MSSSRC1	3800.	0.
430~Link	MSSSRC1	3600.	0.
431~Link	MSSSRC1	3400.	0.
432~Link	MSSSRC1	3200.	0.
433~Link	MSSSRC1	3000.	0.
434~Link	MSSSRC1	2800.	0.
435~Link	MSSSRC1	2600.	0.
436~Link	MSSSRC1	2400.	0.
437~Link	MSSSRC1	2200.	0.
438~Link	MSSSRC1	2000.	0.
439~Link	MSSSRC1	1800.	0.
440~Link	MSSSRC1	1600.	0.
441~Link	MSSSRC1	1400.	0.
442~Link	MSSSRC1	1200.	0.
443~Link	MSSSRC1	1000.	0.
444~Link	MSSSRC1	800.	0.
445~Link	MSSSRC1	600.	0.
446~Link	MSSSRC1	400.	0.
447~Link	MSSSRC1	200.	0.
448~Link	MSSSRC1	0.	0.
450~Link	MSSSRC1	4800.	0.
449~Link	MSSSRC1	5000.	0.
451~Link	MSSSRC1	4600.	0.
452~Link	MSSSRC1	4400.	0.
453~Link	MSSSRC1	4200.	0.
454~Link	MSSSRC1	4000.	0.
455~Link	MSSSRC1	3800.	0.
456~Link	MSSSRC1	3600.	0.
457~Link	MSSSRC1	3400.	0.
458~Link	MSSSRC1	3200.	0.
459~Link	MSSSRC1	3000.	0.
460~Link	MSSSRC1	2800.	0.
461~Link	MSSSRC1	2600.	0.
462~Link	MSSSRC1	2400.	0.
463~Link	MSSSRC1	2200.	0.
464~Link	MSSSRC1	2000.	0.
465~Link	MSSSRC1	1800.	0.
466~Link	MSSSRC1	1600.	0.
467~Link	MSSSRC1	1400.	0.
468~Link	MSSSRC1	1200.	0.
469~Link	MSSSRC1	1000.	0.
470~Link	MSSSRC1	800.	0.
471~Link	MSSSRC1	600.	0.
472~Link	MSSSRC1	400.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
473~Link	MSSSRC1	200.	0.
474~Link	MSSSRC1	0.	0.
476~Link	MSSSRC1	4800.	0.
475~Link	MSSSRC1	5000.	0.
477~Link	MSSSRC1	4600.	0.
478~Link	MSSSRC1	4400.	0.
479~Link	MSSSRC1	4200.	0.
480~Link	MSSSRC1	4000.	0.
481~Link	MSSSRC1	3800.	0.
482~Link	MSSSRC1	3600.	0.
483~Link	MSSSRC1	3400.	0.
484~Link	MSSSRC1	3200.	0.
485~Link	MSSSRC1	3000.	0.
486~Link	MSSSRC1	2800.	0.
487~Link	MSSSRC1	2600.	0.
488~Link	MSSSRC1	2400.	0.
489~Link	MSSSRC1	2200.	0.
490~Link	MSSSRC1	2000.	0.
491~Link	MSSSRC1	1800.	0.
492~Link	MSSSRC1	1600.	0.
493~Link	MSSSRC1	1400.	0.
494~Link	MSSSRC1	1200.	0.
495~Link	MSSSRC1	1000.	0.
496~Link	MSSSRC1	800.	0.
497~Link	MSSSRC1	600.	0.
498~Link	MSSSRC1	400.	0.
499~Link	MSSSRC1	200.	0.
500~Link	MSSSRC1	0.	0.
502~Link	MSSSRC1	4800.	0.
501~Link	MSSSRC1	5000.	0.
503~Link	MSSSRC1	4600.	0.
504~Link	MSSSRC1	4400.	0.
505~Link	MSSSRC1	4200.	0.
506~Link	MSSSRC1	4000.	0.
507~Link	MSSSRC1	3800.	0.
508~Link	MSSSRC1	3600.	0.
509~Link	MSSSRC1	3400.	0.
510~Link	MSSSRC1	3200.	0.
511~Link	MSSSRC1	3000.	0.
512~Link	MSSSRC1	2800.	0.
513~Link	MSSSRC1	2600.	0.
514~Link	MSSSRC1	2400.	0.
515~Link	MSSSRC1	2200.	0.
516~Link	MSSSRC1	2000.	0.
517~Link	MSSSRC1	1800.	0.
518~Link	MSSSRC1	1600.	0.
519~Link	MSSSRC1	1400.	0.
520~Link	MSSSRC1	1200.	0.
521~Link	MSSSRC1	1000.	0.
522~Link	MSSSRC1	800.	0.
523~Link	MSSSRC1	600.	0.
524~Link	MSSSRC1	400.	0.
525~Link	MSSSRC1	200.	0.
526~Link	MSSSRC1	0.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
528~Link	MSSSRC1	4800.	0.
527~Link	MSSSRC1	5000.	0.
529~Link	MSSSRC1	4600.	0.
530~Link	MSSSRC1	4400.	0.
531~Link	MSSSRC1	4200.	0.
532~Link	MSSSRC1	4000.	0.
533~Link	MSSSRC1	3800.	0.
534~Link	MSSSRC1	3600.	0.
535~Link	MSSSRC1	3400.	0.
536~Link	MSSSRC1	3200.	0.
537~Link	MSSSRC1	3000.	0.
538~Link	MSSSRC1	2800.	0.
539~Link	MSSSRC1	2600.	0.
540~Link	MSSSRC1	2400.	0.
541~Link	MSSSRC1	2200.	0.
542~Link	MSSSRC1	2000.	0.
543~Link	MSSSRC1	1800.	0.
544~Link	MSSSRC1	1600.	0.
545~Link	MSSSRC1	1400.	0.
546~Link	MSSSRC1	1200.	0.
547~Link	MSSSRC1	1000.	0.
548~Link	MSSSRC1	800.	0.
549~Link	MSSSRC1	600.	0.
550~Link	MSSSRC1	400.	0.
551~Link	MSSSRC1	200.	0.
552~Link	MSSSRC1	0.	0.
554~Link	MSSSRC1	4800.	0.
553~Link	MSSSRC1	5000.	0.
555~Link	MSSSRC1	4600.	0.
556~Link	MSSSRC1	4400.	0.
557~Link	MSSSRC1	4200.	0.
558~Link	MSSSRC1	4000.	0.
559~Link	MSSSRC1	3800.	0.
560~Link	MSSSRC1	3600.	0.
561~Link	MSSSRC1	3400.	0.
562~Link	MSSSRC1	3200.	0.
563~Link	MSSSRC1	3000.	0.
564~Link	MSSSRC1	2800.	0.
565~Link	MSSSRC1	2600.	0.
566~Link	MSSSRC1	2400.	0.
567~Link	MSSSRC1	2200.	0.
568~Link	MSSSRC1	2000.	0.
569~Link	MSSSRC1	1800.	0.
570~Link	MSSSRC1	1600.	0.
571~Link	MSSSRC1	1400.	0.
572~Link	MSSSRC1	1200.	0.
573~Link	MSSSRC1	1000.	0.
574~Link	MSSSRC1	800.	0.
575~Link	MSSSRC1	600.	0.
576~Link	MSSSRC1	400.	0.
577~Link	MSSSRC1	200.	0.
578~Link	MSSSRC1	0.	0.
580~Link	MSSSRC1	4800.	0.
579~Link	MSSSRC1	5000.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
581~Link	MSSSRC1	4600.	0.
582~Link	MSSSRC1	4400.	0.
583~Link	MSSSRC1	4200.	0.
584~Link	MSSSRC1	4000.	0.
585~Link	MSSSRC1	3800.	0.
586~Link	MSSSRC1	3600.	0.
587~Link	MSSSRC1	3400.	0.
588~Link	MSSSRC1	3200.	0.
589~Link	MSSSRC1	3000.	0.
590~Link	MSSSRC1	2800.	0.
591~Link	MSSSRC1	2600.	0.
592~Link	MSSSRC1	2400.	0.
593~Link	MSSSRC1	2200.	0.
594~Link	MSSSRC1	2000.	0.
595~Link	MSSSRC1	1800.	0.
596~Link	MSSSRC1	1600.	0.
597~Link	MSSSRC1	1400.	0.
598~Link	MSSSRC1	1200.	0.
599~Link	MSSSRC1	1000.	0.
600~Link	MSSSRC1	800.	0.
601~Link	MSSSRC1	600.	0.
602~Link	MSSSRC1	400.	0.
603~Link	MSSSRC1	200.	0.
604~Link	MSSSRC1	0.	0.
606~Link	MSSSRC1	4800.	0.
605~Link	MSSSRC1	5000.	0.
607~Link	MSSSRC1	4600.	0.
608~Link	MSSSRC1	4400.	0.
609~Link	MSSSRC1	4200.	0.
610~Link	MSSSRC1	4000.	0.
611~Link	MSSSRC1	3800.	0.
612~Link	MSSSRC1	3600.	0.
613~Link	MSSSRC1	3400.	0.
614~Link	MSSSRC1	3200.	0.
615~Link	MSSSRC1	3000.	0.
616~Link	MSSSRC1	2800.	0.
617~Link	MSSSRC1	2600.	0.
618~Link	MSSSRC1	2400.	0.
619~Link	MSSSRC1	2200.	0.
620~Link	MSSSRC1	2000.	0.
621~Link	MSSSRC1	1800.	0.
622~Link	MSSSRC1	1600.	0.
623~Link	MSSSRC1	1400.	0.
624~Link	MSSSRC1	1200.	0.
625~Link	MSSSRC1	1000.	0.
626~Link	MSSSRC1	800.	0.
627~Link	MSSSRC1	600.	0.
628~Link	MSSSRC1	400.	0.
629~Link	MSSSRC1	200.	0.
630~Link	MSSSRC1	0.	0.
632~Link	MSSSRC1	4800.	0.
631~Link	MSSSRC1	5000.	0.
633~Link	MSSSRC1	4600.	0.
634~Link	MSSSRC1	4400.	0.

Table 21: Assembled Joint Masses, Part 2 of 2

Joint	MassSource	CenterY	CenterZ
		mm	mm
635~Link	MSSSRC1	4200.	0.
636~Link	MSSSRC1	4000.	0.
637~Link	MSSSRC1	3800.	0.
638~Link	MSSSRC1	3600.	0.
639~Link	MSSSRC1	3400.	0.
640~Link	MSSSRC1	3200.	0.
641~Link	MSSSRC1	3000.	0.
642~Link	MSSSRC1	2800.	0.
643~Link	MSSSRC1	2600.	0.
644~Link	MSSSRC1	2400.	0.
645~Link	MSSSRC1	2200.	0.
646~Link	MSSSRC1	2000.	0.
647~Link	MSSSRC1	1800.	0.
648~Link	MSSSRC1	1600.	0.
649~Link	MSSSRC1	1400.	0.
650~Link	MSSSRC1	1200.	0.
651~Link	MSSSRC1	1000.	0.
652~Link	MSSSRC1	800.	0.
653~Link	MSSSRC1	600.	0.
654~Link	MSSSRC1	400.	0.
655~Link	MSSSRC1	200.	0.
656~Link	MSSSRC1	0.	0.
657~Link	MSSSRC1	4800.	0.
6~Link	MSSSRC1	5000.	0.
658~Link	MSSSRC1	4600.	0.
659~Link	MSSSRC1	4400.	0.
660~Link	MSSSRC1	4200.	0.
661~Link	MSSSRC1	4000.	0.
662~Link	MSSSRC1	3800.	0.
663~Link	MSSSRC1	3600.	0.
664~Link	MSSSRC1	3400.	0.
665~Link	MSSSRC1	3200.	0.
666~Link	MSSSRC1	3000.	0.
667~Link	MSSSRC1	2800.	0.
668~Link	MSSSRC1	2600.	0.
669~Link	MSSSRC1	2400.	0.
670~Link	MSSSRC1	2200.	0.
671~Link	MSSSRC1	2000.	0.
672~Link	MSSSRC1	1800.	0.
673~Link	MSSSRC1	1600.	0.
674~Link	MSSSRC1	1400.	0.
675~Link	MSSSRC1	1200.	0.
676~Link	MSSSRC1	1000.	0.
677~Link	MSSSRC1	800.	0.
678~Link	MSSSRC1	600.	0.
679~Link	MSSSRC1	400.	0.
680~Link	MSSSRC1	200.	0.
7~Link	MSSSRC1	0.	0.
SumAccelUX	MSSSRC1	2443.8	0.
SumAccelUY	MSSSRC1	2443.8	0.
SumAccelUZ	MSSSRC1	2443.8	0.

7.2. Modal results

Table 22: Modal Participating Mass Ratios

Table 22: Modal Participating Mass Ratios

OutputCase	StepNum	Period Sec	UX	UY	UZ	SumUX	SumUY	SumUZ
MODAL	1.	1.997523	0.	0.	0.34	0.	0.	0.34
MODAL	2.	1.985345	0.	0.	2.555E-02	0.	0.	0.37
MODAL	3.	1.917764	0.	0.	0.63	0.	0.	1.
MODAL	4.	0.041248	0.	0.	1.682E-12	0.	0.	1.
MODAL	5.	0.027602	0.	0.	1.047E-11	0.	0.	1.
MODAL	6.	0.024859	0.	0.	5.695E-11	0.	0.	1.
MODAL	7.	0.016311	0.	0.	3.770E-13	0.	0.	1.
MODAL	8.	0.016308	0.	0.	1.794E-14	0.	0.	1.
MODAL	9.	0.009514	0.	0.	2.209E-15	0.	0.	1.
MODAL	10.	0.009411	0.	0.	5.093E-14	0.	0.	1.
MODAL	11.	0.008925	0.	0.	2.860E-13	0.	0.	1.
MODAL	12.	0.007943	0.	0.	4.402E-16	0.	0.	1.
MODAL	13.	0.007863	0.	0.	2.230E-15	0.	0.	1.
MODAL	14.	0.005457	0.	0.	2.180E-15	0.	0.	1.
MODAL	15.	0.005434	0.	0.	7.152E-19	0.	0.	1.
MODAL	16.	0.004747	0.	0.	3.588E-14	0.	0.	1.
MODAL	17.	0.004683	0.	0.	1.524E-14	0.	0.	1.
MODAL	18.	0.004306	0.	0.	1.762E-15	0.	0.	1.
MODAL	19.	0.004248	0.	0.	1.375E-16	0.	0.	1.
MODAL	20.	0.003805	0.	0.	8.821E-18	0.	0.	1.

7.3. Base reactions

Table 23: Base Reactions

Table 23: Base Reactions

OutputCase	GlobalFX KN	GlobalFY KN	GlobalFZ KN	GlobalMX KN-mm	GlobalMY KN-mm	GlobalMZ KN-mm
DEAD	0.	0.	0.	0.	0.	0.
G1	0.	0.	187.445	468611.57	-468611.57	0.
G2	0.	0.	28.56	61456.	-71400.	0.
Qm	0.	0.	130.56	293727.99	-321855.99	0.
Qs	0.	0.	12.	30000.	-30000.	0.
T+	1.705E-13	2.416E-13	0.	0.	0.	-1.688E-09
T-	-1.705E-13	-2.416E-13	0.	0.	0.	1.688E-09
W	-33.6	-16.8	-4.078E-08	25000.	-50000.	43120.
Qm-1	0.	0.	146.4	335519.98	-361439.98	0.
Qm-2	0.	0.	17.6	46640.	-44000.	0.

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 24: Joint Displacements

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
5	DEAD	0.	0.	0.	0.	0.	0.
5	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
5	G2	0.	0.	-66.693359	0.019021	-0.000021	0.
5	Qm	0.	0.	-387.50319	0.062569	-0.008608	0.
5	Qs	0.	0.	-47.999998	5.868E-11	-9.779E-12	0.
5	T+	0.	0.	0.	0.	0.	-2.419E-20
5	T-	0.	0.	0.	0.	0.	2.419E-20
5	W	0.	0.	119.691015	-0.047811	0.095762	0.
5	Qm-1	0.	0.	-461.43792	0.058348	-0.008616	0.
5	Qm-2	0.	0.	-83.020716	-0.005047	4.667E-06	0.
6	DEAD	0.	0.	0.	0.	0.	0.
6	G1	0.	0.	-749.778505	1.260E-09	-2.678E-10	0.
6	G2	0.	0.	-66.693359	0.019021	0.000021	0.
6	Qm	0.	0.	-344.081895	0.062551	-0.008769	0.
6	Qs	0.	0.	-47.999998	5.865E-11	-9.639E-12	0.
6	T+	0.	0.	0.	0.	0.	-3.179E-19
6	T-	0.	0.	0.	0.	0.	3.179E-19
6	W	0.	0.	-358.833062	-0.047789	0.09578	0.
6	Qm-1	0.	0.	-417.867389	0.058328	-0.008822	0.
6	Qm-2	0.	0.	-83.028372	-0.005049	-2.903E-06	0.
7	DEAD	0.	0.	0.	0.	0.	0.
7	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
7	G2	0.	0.	-161.857182	0.019045	0.000025	0.
7	Qm	0.	0.	-656.675879	0.062485	-0.008781	0.
7	Qs	0.	0.	-47.999998	5.888E-11	-9.661E-12	0.
7	T+	0.	0.	0.	0.	0.	5.364E-19
7	T-	0.	0.	0.	0.	0.	-5.364E-19
7	W	0.	0.	-119.56084	-0.047991	0.095776	0.
7	Qm-1	0.	0.	-709.509186	0.058361	-0.008839	0.
7	Qm-2	0.	0.	-57.772723	-0.00505	2.759E-06	0.
8	DEAD	0.	0.	0.	0.	0.	0.
8	G1	0.	0.	-749.778513	1.265E-09	-2.655E-10	0.
8	G2	0.	0.	-161.857182	0.019045	-0.000025	0.
8	Qm	0.	0.	-700.21855	0.062498	-0.008632	0.
8	Qs	0.	0.	-47.999998	5.886E-11	-9.781E-12	0.
8	T+	0.	0.	0.	0.	0.	-3.102E-19
8	T-	0.	0.	0.	0.	0.	3.102E-19
8	W	0.	0.	358.949006	-0.047958	0.095738	0.
8	Qm-1	0.	0.	-753.216501	0.058383	-0.008637	0.
8	Qm-2	0.	0.	-57.782207	-0.005048	-7.456E-06	0.
9	DEAD	0.	0.	0.	0.	0.	0.
9	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
9	G2	0.	0.	-66.689114	0.019021	-0.000021	0.
9	Qm	0.	0.	-385.781683	0.062569	-0.008607	0.
9	Qs	0.	0.	-47.999998	5.868E-11	-9.778E-12	0.
9	T+	0.	0.	0.	0.	0.	-3.157E-20
9	T-	0.	0.	0.	0.	0.	3.157E-20
9	W	0.	0.	100.539169	-0.047811	0.095751	0.
9	Qm-1	0.	0.	-459.714757	0.058348	-0.008616	0.
9	Qm-2	0.	0.	-83.021654	-0.005047	4.747E-06	0.
10	DEAD	0.	0.	0.	0.	0.	0.
10	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
10	G2	0.	0.	-70.493358	0.019021	-0.000021	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
10	Qm	0.	0.	-398.295528	0.062569	-0.008608	0.
10	Qs	0.	0.	-47.999998	5.868E-11	-9.779E-12	0.
10	T+	0.	0.	0.	0.	0.	5.146E-20
10	T-	0.	0.	0.	0.	0.	-5.146E-20
10	W	0.	0.	110.101074	-0.047808	0.09577	0.
10	Qm-1	0.	0.	-471.38434	0.058348	-0.008616	0.
10	Qm-2	0.	0.	-82.012206	-0.005047	4.627E-06	0.
11	DEAD	0.	0.	0.	0.	0.	0.
11	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
11	G2	0.	0.	-70.497539	0.019021	-0.000021	0.
11	Qm	0.	0.	-400.017069	0.062569	-0.008608	0.
11	Qs	0.	0.	-47.999998	5.868E-11	-9.780E-12	0.
11	T+	0.	0.	0.	0.	0.	-3.073E-20
11	T-	0.	0.	0.	0.	0.	3.073E-20
11	W	0.	0.	129.252685	-0.047804	0.095754	0.
11	Qm-1	0.	0.	-473.107545	0.058348	-0.008616	0.
11	Qm-2	0.	0.	-82.011287	-0.005047	4.585E-06	0.
12	DEAD	0.	0.	0.	0.	0.	0.
12	G1	0.	0.	-749.778507	1.261E-09	-2.648E-10	0.
12	G2	0.	0.	-74.29753	0.019021	-0.000021	0.
12	Qm	0.	0.	-410.8094	0.062569	-0.008608	0.
12	Qs	0.	0.	-47.999998	5.869E-11	-9.780E-12	0.
12	T+	0.	0.	0.	0.	0.	-1.014E-19
12	T-	0.	0.	0.	0.	0.	1.014E-19
12	W	0.	0.	119.662487	-0.047806	0.095746	0.
12	Qm-1	0.	0.	-483.053973	0.058348	-0.008616	0.
12	Qm-2	0.	0.	-81.002767	-0.005047	4.448E-06	0.
13	DEAD	0.	0.	0.	0.	0.	0.
13	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
13	G2	0.	0.	-74.301653	0.01902	-0.000021	0.
13	Qm	0.	0.	-412.530992	0.06257	-0.008608	0.
13	Qs	0.	0.	-47.999998	5.869E-11	-9.780E-12	0.
13	T+	0.	0.	0.	0.	0.	9.374E-20
13	T-	0.	0.	0.	0.	0.	-9.374E-20
13	W	0.	0.	138.812772	-0.047799	0.095753	0.
13	Qm-1	0.	0.	-484.777237	0.058349	-0.008616	0.
13	Qm-2	0.	0.	-81.001883	-0.005047	4.416E-06	0.
14	DEAD	0.	0.	0.	0.	0.	0.
14	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
14	G2	0.	0.	-78.101726	0.019021	-0.00002	0.
14	Qm	0.	0.	-423.323296	0.06257	-0.008608	0.
14	Qs	0.	0.	-47.999998	5.869E-11	-9.781E-12	0.
14	T+	0.	0.	0.	0.	0.	1.390E-19
14	T-	0.	0.	0.	0.	0.	-1.390E-19
14	W	0.	0.	129.223741	-0.047807	0.095745	0.
14	Qm-1	0.	0.	-494.723674	0.058349	-0.008617	0.
14	Qm-2	0.	0.	-79.993343	-0.005047	4.192E-06	0.
15	DEAD	0.	0.	0.	0.	0.	0.
15	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
15	G2	0.	0.	-78.105767	0.019021	-0.00002	0.
15	Qm	0.	0.	-425.044966	0.06257	-0.008608	0.
15	Qs	0.	0.	-47.999998	5.869E-11	-9.781E-12	0.
15	T+	0.	0.	0.	0.	0.	-1.424E-19
15	T-	0.	0.	0.	0.	0.	1.424E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
15	W	0.	0.	148.37283	-0.047802	0.095746	0.
15	Qm-1	0.	0.	-496.447019	0.058349	-0.008617	0.
15	Qm-2	0.	0.	-79.99251	-0.005047	4.157E-06	0.
16	DEAD	0.	0.	0.	0.	0.	0.
16	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
16	G2	0.	0.	-81.906021	0.019022	-0.00002	0.
16	Qm	0.	0.	-435.837185	0.062569	-0.008609	0.
16	Qs	0.	0.	-47.999998	5.870E-11	-9.783E-12	0.
16	T+	0.	0.	0.	0.	0.	-1.979E-19
16	T-	0.	0.	0.	0.	0.	1.979E-19
16	W	0.	0.	138.785205	-0.047808	0.095741	0.
16	Qm-1	0.	0.	-506.39343	0.058349	-0.008617	0.
16	Qm-2	0.	0.	-78.983929	-0.005047	3.850E-06	0.
17	DEAD	0.	0.	0.	0.	0.	0.
17	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
17	G2	0.	0.	-81.909984	0.019021	-0.00002	0.
17	Qm	0.	0.	-437.558962	0.06257	-0.008609	0.
17	Qs	0.	0.	-47.999998	5.870E-11	-9.782E-12	0.
17	T+	0.	0.	0.	0.	0.	1.974E-19
17	T-	0.	0.	0.	0.	0.	-1.974E-19
17	W	0.	0.	157.933694	-0.047807	0.095743	0.
17	Qm-1	0.	0.	-508.116882	0.058349	-0.008617	0.
17	Qm-2	0.	0.	-78.983166	-0.005047	3.807E-06	0.
18	DEAD	0.	0.	0.	0.	0.	0.
18	G1	0.	0.	-749.778507	1.262E-09	-2.649E-10	0.
18	G2	0.	0.	-85.710468	0.019023	-0.00002	0.
18	Qm	0.	0.	-448.351013	0.062569	-0.00861	0.
18	Qs	0.	0.	-47.999998	5.870E-11	-9.784E-12	0.
18	T+	0.	0.	0.	0.	0.	2.589E-19
18	T-	0.	0.	0.	0.	0.	-2.589E-19
18	W	0.	0.	148.347124	-0.047811	0.095741	0.
18	Qm-1	0.	0.	-518.063206	0.058349	-0.008618	0.
18	Qm-2	0.	0.	-77.974516	-0.005047	3.420E-06	0.
19	DEAD	0.	0.	0.	0.	0.	0.
19	G1	0.	0.	-749.778507	1.262E-09	-2.649E-10	0.
19	G2	0.	0.	-85.714371	0.019022	-0.000019	0.
19	Qm	0.	0.	-450.072937	0.06257	-0.00861	0.
19	Qs	0.	0.	-47.999998	5.870E-11	-9.783E-12	0.
19	T+	0.	0.	0.	0.	0.	-2.541E-19
19	T-	0.	0.	0.	0.	0.	2.541E-19
19	W	0.	0.	167.495584	-0.047812	0.095743	0.
19	Qm-1	0.	0.	-519.786795	0.05835	-0.008618	0.
19	Qm-2	0.	0.	-77.973839	-0.005047	3.369E-06	0.
20	DEAD	0.	0.	0.	0.	0.	0.
20	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
20	G2	0.	0.	-89.515105	0.019024	-0.000019	0.
20	Qm	0.	0.	-460.864716	0.062568	-0.00861	0.
20	Qs	0.	0.	-47.999998	5.871E-11	-9.785E-12	0.
20	T+	0.	0.	0.	0.	0.	-2.888E-19
20	T-	0.	0.	0.	0.	0.	2.888E-19
20	W	0.	0.	157.909635	-0.047814	0.095743	0.
20	Qm-1	0.	0.	-529.732955	0.058349	-0.008619	0.
20	Qm-2	0.	0.	-76.965092	-0.005047	2.905E-06	0.
21	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
21	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
21	G2	0.	0.	-89.518971	0.019024	-0.000019	0.
21	Qm	0.	0.	-462.586831	0.062569	-0.008611	0.
21	Qs	0.	0.	-47.999998	5.871E-11	-9.784E-12	0.
21	T+	0.	0.	0.	0.	0.	3.093E-19
21	T-	0.	0.	0.	0.	0.	-3.093E-19
21	W	0.	0.	177.058626	-0.047818	0.095745	0.
21	Qm-1	0.	0.	-531.456712	0.05835	-0.008619	0.
21	Qm-2	0.	0.	-76.964519	-0.005047	2.848E-06	0.
22	DEAD	0.	0.	0.	0.	0.	0.
22	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
22	G2	0.	0.	-93.319954	0.019025	-0.000019	0.
22	Qm	0.	0.	-473.378231	0.062567	-0.008612	0.
22	Qs	0.	0.	-47.999998	5.872E-11	-9.786E-12	0.
22	T+	0.	0.	0.	0.	0.	3.214E-19
22	T-	0.	0.	0.	0.	0.	-3.214E-19
22	W	0.	0.	167.47276	-0.047817	0.09575	0.
22	Qm-1	0.	0.	-541.402621	0.058348	-0.00862	0.
22	Qm-2	0.	0.	-75.955644	-0.005047	2.316E-06	0.
23	DEAD	0.	0.	0.	0.	0.	0.
23	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
23	G2	0.	0.	-93.323803	0.019025	-0.000019	0.
23	Qm	0.	0.	-475.100579	0.062568	-0.008612	0.
23	Qs	0.	0.	-47.999998	5.872E-11	-9.785E-12	0.
23	T+	0.	0.	0.	0.	0.	-3.551E-19
23	T-	0.	0.	0.	0.	0.	3.551E-19
23	W	0.	0.	186.622907	-0.047825	0.095751	0.
23	Qm-1	0.	0.	-543.126576	0.058349	-0.00862	0.
23	Qm-2	0.	0.	-75.955188	-0.005047	2.256E-06	0.
24	DEAD	0.	0.	0.	0.	0.	0.
24	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
24	G2	0.	0.	-97.125018	0.019026	-0.000019	0.
24	Qm	0.	0.	-485.891492	0.062566	-0.008613	0.
24	Qs	0.	0.	-47.999998	5.872E-11	-9.787E-12	0.
24	T+	0.	0.	0.	0.	0.	-3.831E-19
24	T-	0.	0.	0.	0.	0.	3.831E-19
24	W	0.	0.	177.036362	-0.047819	0.095751	0.
24	Qm-1	0.	0.	-553.072144	0.058347	-0.008621	0.
24	Qm-2	0.	0.	-74.946156	-0.005048	1.673E-06	0.
25	DEAD	0.	0.	0.	0.	0.	0.
25	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
25	G2	0.	0.	-97.128859	0.019026	-0.000019	0.
25	Qm	0.	0.	-487.61411	0.062567	-0.008613	0.
25	Qs	0.	0.	-47.999998	5.872E-11	-9.786E-12	0.
25	T+	0.	0.	0.	0.	0.	4.188E-19
25	T-	0.	0.	0.	0.	0.	-4.188E-19
25	W	0.	0.	196.188318	-0.047829	0.095763	0.
25	Qm-1	0.	0.	-554.796321	0.058348	-0.008621	0.
25	Qm-2	0.	0.	-74.945828	-0.005047	1.614E-06	0.
26	DEAD	0.	0.	0.	0.	0.	0.
26	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
26	G2	0.	0.	-100.93027	0.019027	-0.000019	0.
26	Qm	0.	0.	-498.404426	0.062564	-0.008614	0.
26	Qs	0.	0.	-47.999998	5.873E-11	-9.788E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
26	T+	0.	0.	0.	0.	0.	4.259E-19
26	T-	0.	0.	0.	0.	0.	-4.259E-19
26	W	0.	0.	186.600089	-0.047818	0.095792	0.
26	Qm-1	0.	0.	-564.741455	0.058346	-0.008622	0.
26	Qm-2	0.	0.	-73.936611	-0.005048	1.008E-06	0.
27	DEAD	0.	0.	0.	0.	0.	0.
27	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
27	G2	0.	0.	-100.934092	0.019027	-0.000019	0.
27	Qm	0.	0.	-500.127341	0.062565	-0.008615	0.
27	Qs	0.	0.	-47.999998	5.873E-11	-9.787E-12	0.
27	T+	0.	0.	0.	0.	0.	-4.214E-19
27	T-	0.	0.	0.	0.	0.	4.214E-19
27	W	0.	0.	205.753494	-0.047818	0.095758	0.
27	Qm-1	0.	0.	-566.465873	0.058347	-0.008622	0.
27	Qm-2	0.	0.	-73.936415	-0.005047	9.467E-07	0.
28	DEAD	0.	0.	0.	0.	0.	0.
28	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
28	G2	0.	0.	-104.735654	0.019027	-0.000019	0.
28	Qm	0.	0.	-510.916947	0.062561	-0.008616	0.
28	Qs	0.	0.	-47.999998	5.874E-11	-9.789E-12	0.
28	T+	0.	0.	0.	0.	0.	-4.095E-19
28	T-	0.	0.	0.	0.	0.	4.095E-19
28	W	0.	0.	196.163629	-0.047818	0.095752	0.
28	Qm-1	0.	0.	-576.410485	0.058344	-0.008623	0.
28	Qm-2	0.	0.	-72.926987	-0.005048	3.592E-07	0.
29	DEAD	0.	0.	0.	0.	0.	0.
29	G1	0.	0.	-749.778509	1.262E-09	-2.651E-10	0.
29	G2	0.	0.	-104.739482	0.019027	-0.000019	0.
29	Qm	0.	0.	-512.64017	0.062563	-0.008616	0.
29	Qs	0.	0.	-47.999998	5.874E-11	-9.788E-12	0.
29	T+	0.	0.	0.	0.	0.	4.311E-19
29	T-	0.	0.	0.	0.	0.	-4.311E-19
29	W	0.	0.	215.31575	-0.047809	0.095763	0.
29	Qm-1	0.	0.	-578.135156	0.058346	-0.008623	0.
29	Qm-2	0.	0.	-72.926921	-0.005048	2.824E-07	0.
30	DEAD	0.	0.	0.	0.	0.	0.
30	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
30	G2	0.	0.	-108.541279	0.019029	-0.000019	0.
30	Qm	0.	0.	-523.428938	0.062558	-0.008617	0.
30	Qs	0.	0.	-47.999998	5.875E-11	-9.789E-12	0.
30	T+	0.	0.	0.	0.	0.	3.856E-19
30	T-	0.	0.	0.	0.	0.	-3.856E-19
30	W	0.	0.	205.727599	-0.047822	0.095752	0.
30	Qm-1	0.	0.	-588.079161	0.058342	-0.008625	0.
30	Qm-2	0.	0.	-71.917249	-0.005049	-2.596E-07	0.
31	DEAD	0.	0.	0.	0.	0.	0.
31	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
31	G2	0.	0.	-108.545105	0.019029	-0.000019	0.
31	Qm	0.	0.	-525.152467	0.06256	-0.008618	0.
31	Qs	0.	0.	-47.999998	5.875E-11	-9.788E-12	0.
31	T+	0.	0.	0.	0.	0.	-4.067E-19
31	T-	0.	0.	0.	0.	0.	4.067E-19
31	W	0.	0.	224.878105	-0.047816	0.095753	0.
31	Qm-1	0.	0.	-589.804104	0.058344	-0.008625	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
31	Qm-2	0.	0.	-71.917312	-0.005048	-3.782E-07	0.
32	DEAD	0.	0.	0.	0.	0.	0.
32	G1	0.	0.	-749.778509	1.263E-09	-2.653E-10	0.
32	G2	0.	0.	-112.347222	0.019031	-0.000019	0.
32	Qm	0.	0.	-535.940249	0.062555	-0.008619	0.
32	Qs	0.	0.	-47.999998	5.877E-11	-9.789E-12	0.
32	T+	0.	0.	0.	0.	0.	-3.789E-19
32	T-	0.	0.	0.	0.	0.	3.789E-19
32	W	0.	0.	215.292641	-0.047829	0.095747	0.
32	Qm-1	0.	0.	-599.747446	0.058341	-0.008626	0.
32	Qm-2	0.	0.	-70.907365	-0.00505	-9.386E-07	0.
33	DEAD	0.	0.	0.	0.	0.	0.
33	G1	0.	0.	-749.778509	1.263E-09	-2.653E-10	0.
33	G2	0.	0.	-112.351057	0.019031	-0.000019	0.
33	Qm	0.	0.	-537.664074	0.062556	-0.008619	0.
33	Qs	0.	0.	-47.999998	5.877E-11	-9.788E-12	0.
33	T+	0.	0.	0.	0.	0.	3.731E-19
33	T-	0.	0.	0.	0.	0.	-3.731E-19
33	W	0.	0.	234.442249	-0.047826	0.095748	0.
33	Qm-1	0.	0.	-601.472708	0.058342	-0.008626	0.
33	Qm-2	0.	0.	-70.907564	-0.005049	-1.060E-06	0.
34	DEAD	0.	0.	0.	0.	0.	0.
34	G1	0.	0.	-749.778509	1.263E-09	-2.653E-10	0.
34	G2	0.	0.	-116.153528	0.019032	-0.000019	0.
34	Qm	0.	0.	-548.450705	0.06255	-0.00862	0.
34	Qs	0.	0.	-47.999998	5.878E-11	-9.790E-12	0.
34	T+	0.	0.	0.	0.	0.	4.022E-19
34	T-	0.	0.	0.	0.	0.	-4.022E-19
34	W	0.	0.	224.859151	-0.047837	0.095746	0.
34	Qm-1	0.	0.	-611.415435	0.05834	-0.008628	0.
34	Qm-2	0.	0.	-69.897336	-0.00505	-1.714E-06	0.
35	DEAD	0.	0.	0.	0.	0.	0.
35	G1	0.	0.	-749.778509	1.263E-09	-2.653E-10	0.
35	G2	0.	0.	-116.157393	0.019033	-0.000019	0.
35	Qm	0.	0.	-550.174816	0.062551	-0.008621	0.
35	Qs	0.	0.	-47.999998	5.878E-11	-9.788E-12	0.
35	T+	0.	0.	0.	0.	0.	-3.885E-19
35	T-	0.	0.	0.	0.	0.	3.885E-19
35	W	0.	0.	244.008593	-0.047838	0.095747	0.
35	Qm-1	0.	0.	-613.141081	0.058342	-0.008628	0.
35	Qm-2	0.	0.	-69.897684	-0.00505	-1.773E-06	0.
36	DEAD	0.	0.	0.	0.	0.	0.
36	G1	0.	0.	-749.77851	1.263E-09	-2.654E-10	0.
36	G2	0.	0.	-119.960211	0.019034	-0.00002	0.
36	Qm	0.	0.	-560.960131	0.062544	-0.008622	0.
36	Qs	0.	0.	-47.999998	5.879E-11	-9.790E-12	0.
36	T+	0.	0.	0.	0.	0.	-4.306E-19
36	T-	0.	0.	0.	0.	0.	4.306E-19
36	W	0.	0.	234.427303	-0.047845	0.09575	0.
36	Qm-1	0.	0.	-623.083414	0.058341	-0.008631	0.
36	Qm-2	0.	0.	-68.887215	-0.005051	-2.531E-06	0.
37	DEAD	0.	0.	0.	0.	0.	0.
37	G1	0.	0.	-749.77851	1.263E-09	-2.654E-10	0.
37	G2	0.	0.	-119.964131	0.019035	-0.000019	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
37	Qm	0.	0.	-562.684522	0.062546	-0.008622	0.
37	Qs	0.	0.	-47.999998	5.879E-11	-9.789E-12	0.
37	T+	0.	0.	0.	0.	0.	4.392E-19
37	T-	0.	0.	0.	0.	0.	-4.392E-19
37	W	0.	0.	253.577314	-0.04785	0.09575	0.
37	Qm-1	0.	0.	-624.80947	0.058343	-0.00863	0.
37	Qm-2	0.	0.	-68.887715	-0.00505	-2.492E-06	0.
38	DEAD	0.	0.	0.	0.	0.	0.
38	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
38	G2	0.	0.	-123.76726	0.019036	-0.00002	0.
38	Qm	0.	0.	-573.468389	0.062538	-0.008623	0.
38	Qs	0.	0.	-47.999998	5.880E-11	-9.790E-12	0.
38	T+	0.	0.	0.	0.	0.	4.301E-19
38	T-	0.	0.	0.	0.	0.	-4.301E-19
38	W	0.	0.	243.997042	-0.047852	0.095749	0.
38	Qm-1	0.	0.	-634.751774	0.058343	-0.008633	0.
38	Qm-2	0.	0.	-67.877082	-0.005051	-3.279E-06	0.
39	DEAD	0.	0.	0.	0.	0.	0.
39	G1	0.	0.	-749.77851	1.263E-09	-2.654E-10	0.
39	G2	0.	0.	-123.771248	0.019036	-0.00002	0.
39	Qm	0.	0.	-575.193053	0.06254	-0.008624	0.
39	Qs	0.	0.	-47.999998	5.880E-11	-9.788E-12	0.
39	T+	0.	0.	0.	0.	0.	-4.602E-19
39	T-	0.	0.	0.	0.	0.	4.602E-19
39	W	0.	0.	263.148348	-0.04786	0.095759	0.
39	Qm-1	0.	0.	-636.478217	0.058345	-0.008632	0.
39	Qm-2	0.	0.	-67.877726	-0.00505	-3.177E-06	0.
40	DEAD	0.	0.	0.	0.	0.	0.
40	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
40	G2	0.	0.	-127.574628	0.019037	-0.00002	0.
40	Qm	0.	0.	-585.975391	0.062532	-0.008624	0.
40	Qs	0.	0.	-47.999998	5.881E-11	-9.789E-12	0.
40	T+	0.	0.	0.	0.	0.	-3.624E-19
40	T-	0.	0.	0.	0.	0.	3.624E-19
40	W	0.	0.	253.568061	-0.047857	0.095786	0.
40	Qm-1	0.	0.	-646.420883	0.058348	-0.008635	0.
40	Qm-2	0.	0.	-66.867011	-0.00505	-3.951E-06	0.
41	DEAD	0.	0.	0.	0.	0.	0.
41	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
41	G2	0.	0.	-127.578677	0.019038	-0.00002	0.
41	Qm	0.	0.	-587.700317	0.062533	-0.008625	0.
41	Qs	0.	0.	-47.999998	5.881E-11	-9.788E-12	0.
41	T+	0.	0.	0.	0.	0.	3.540E-19
41	T-	0.	0.	0.	0.	0.	-3.540E-19
41	W	0.	0.	272.720348	-0.047856	0.095752	0.
41	Qm-1	0.	0.	-648.147665	0.058349	-0.008633	0.
41	Qm-2	0.	0.	-66.867787	-0.005049	-3.813E-06	0.
42	DEAD	0.	0.	0.	0.	0.	0.
42	G1	0.	0.	-749.77851	1.264E-09	-2.656E-10	0.
42	G2	0.	0.	-131.382227	0.019039	-0.000021	0.
42	Qm	0.	0.	-598.481102	0.062525	-0.008625	0.
42	Qs	0.	0.	-47.999998	5.882E-11	-9.789E-12	0.
42	T+	0.	0.	0.	0.	0.	3.104E-19
42	T-	0.	0.	0.	0.	0.	-3.104E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
42	W	0.	0.	263.140068	-0.047863	0.095745	0.
42	Qm-1	0.	0.	-658.091029	0.058354	-0.008636	0.
42	Qm-2	0.	0.	-65.857052	-0.005049	-4.569E-06	0.
43	DEAD	0.	0.	0.	0.	0.	0.
43	G1	0.	0.	-749.778511	1.264E-09	-2.655E-10	0.
43	G2	0.	0.	-131.386368	0.019039	-0.000021	0.
43	Qm	0.	0.	-600.206277	0.062527	-0.008626	0.
43	Qs	0.	0.	-47.999998	5.882E-11	-9.788E-12	0.
43	T+	0.	0.	0.	0.	0.	-2.616E-19
43	T-	0.	0.	0.	0.	0.	2.616E-19
43	W	0.	0.	282.290625	-0.047852	0.095755	0.
43	Qm-1	0.	0.	-659.818094	0.058355	-0.008635	0.
43	Qm-2	0.	0.	-65.857949	-0.005049	-4.410E-06	0.
44	DEAD	0.	0.	0.	0.	0.	0.
44	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
44	G2	0.	0.	-135.19013	0.01904	-0.000021	0.
44	Qm	0.	0.	-610.985542	0.062519	-0.008627	0.
44	Qs	0.	0.	-47.999998	5.883E-11	-9.788E-12	0.
44	T+	0.	0.	0.	0.	0.	-2.756E-19
44	T-	0.	0.	0.	0.	0.	2.756E-19
44	W	0.	0.	272.71368	-0.047873	0.095743	0.
44	Qm-1	0.	0.	-669.762399	0.05836	-0.008637	0.
44	Qm-2	0.	0.	-64.847233	-0.005049	-5.143E-06	0.
45	DEAD	0.	0.	0.	0.	0.	0.
45	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
45	G2	0.	0.	-135.194359	0.019041	-0.000021	0.
45	Qm	0.	0.	-612.710949	0.06252	-0.008628	0.
45	Qs	0.	0.	-47.999998	5.882E-11	-9.787E-12	0.
45	T+	0.	0.	0.	0.	0.	2.418E-19
45	T-	0.	0.	0.	0.	0.	-2.418E-19
45	W	0.	0.	291.862178	-0.047865	0.095742	0.
45	Qm-1	0.	0.	-671.489685	0.058361	-0.008636	0.
45	Qm-2	0.	0.	-64.848244	-0.005048	-4.976E-06	0.
46	DEAD	0.	0.	0.	0.	0.	0.
46	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
46	G2	0.	0.	-138.998372	0.019042	-0.000022	0.
46	Qm	0.	0.	-623.488783	0.062513	-0.008628	0.
46	Qs	0.	0.	-47.999998	5.883E-11	-9.787E-12	0.
46	T+	0.	0.	0.	0.	0.	2.818E-19
46	T-	0.	0.	0.	0.	0.	-2.818E-19
46	W	0.	0.	282.289527	-0.047886	0.095735	0.
46	Qm-1	0.	0.	-681.435061	0.058367	-0.008638	0.
46	Qm-2	0.	0.	-63.83756	-0.005048	-5.671E-06	0.
47	DEAD	0.	0.	0.	0.	0.	0.
47	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
47	G2	0.	0.	-139.002702	0.019043	-0.000022	0.
47	Qm	0.	0.	-625.214404	0.062514	-0.008629	0.
47	Qs	0.	0.	-47.999998	5.883E-11	-9.786E-12	0.
47	T+	0.	0.	0.	0.	0.	-2.630E-19
47	T-	0.	0.	0.	0.	0.	2.630E-19
47	W	0.	0.	301.436661	-0.047881	0.095735	0.
47	Qm-1	0.	0.	-683.162503	0.058367	-0.008637	0.
47	Qm-2	0.	0.	-63.838676	-0.005048	-5.508E-06	0.
48	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
48	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
48	G2	0.	0.	-142.806943	0.019044	-0.000022	0.
48	Qm	0.	0.	-635.990942	0.062508	-0.008629	0.
48	Qs	0.	0.	-47.999998	5.884E-11	-9.786E-12	0.
48	T+	0.	0.	0.	0.	0.	-2.717E-19
48	T-	0.	0.	0.	0.	0.	2.717E-19
48	W	0.	0.	291.867991	-0.047899	0.095732	0.
48	Qm-1	0.	0.	-693.108965	0.058372	-0.008638	0.
48	Qm-2	0.	0.	-62.828019	-0.005047	-6.138E-06	0.
49	DEAD	0.	0.	0.	0.	0.	0.
49	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
49	G2	0.	0.	-142.8114	0.019044	-0.000022	0.
49	Qm	0.	0.	-637.716761	0.062509	-0.008629	0.
49	Qs	0.	0.	-47.999998	5.884E-11	-9.785E-12	0.
49	T+	0.	0.	0.	0.	0.	2.467E-19
49	T-	0.	0.	0.	0.	0.	-2.467E-19
49	W	0.	0.	311.014447	-0.047897	0.095732	0.
49	Qm-1	0.	0.	-694.836498	0.058373	-0.008637	0.
49	Qm-2	0.	0.	-62.82923	-0.005047	-5.991E-06	0.
50	DEAD	0.	0.	0.	0.	0.	0.
50	G1	0.	0.	-749.778511	1.265E-09	-2.656E-10	0.
50	G2	0.	0.	-146.615803	0.019045	-0.000023	0.
50	Qm	0.	0.	-648.492182	0.062504	-0.00863	0.
50	Qs	0.	0.	-47.999998	5.885E-11	-9.784E-12	0.
50	T+	0.	0.	0.	0.	0.	2.713E-19
50	T-	0.	0.	0.	0.	0.	-2.713E-19
50	W	0.	0.	301.449245	-0.047913	0.095732	0.
50	Qm-1	0.	0.	-704.783943	0.058377	-0.008638	0.
50	Qm-2	0.	0.	-61.818575	-0.005047	-6.513E-06	0.
51	DEAD	0.	0.	0.	0.	0.	0.
51	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
51	G2	0.	0.	-146.620411	0.019046	-0.000023	0.
51	Qm	0.	0.	-650.218183	0.062505	-0.00863	0.
51	Qs	0.	0.	-47.999998	5.884E-11	-9.784E-12	0.
51	T+	0.	0.	0.	0.	0.	-2.357E-19
51	T-	0.	0.	0.	0.	0.	2.357E-19
51	W	0.	0.	320.595692	-0.047915	0.095731	0.
51	Qm-1	0.	0.	-706.511504	0.058377	-0.008637	0.
51	Qm-2	0.	0.	-61.819864	-0.005047	-6.407E-06	0.
52	DEAD	0.	0.	0.	0.	0.	0.
52	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
52	G2	0.	0.	-150.424874	0.019046	-0.000024	0.
52	Qm	0.	0.	-660.992699	0.062501	-0.008631	0.
52	Qs	0.	0.	-47.999998	5.885E-11	-9.783E-12	0.
52	T+	0.	0.	0.	0.	0.	-2.870E-19
52	T-	0.	0.	0.	0.	0.	2.870E-19
52	W	0.	0.	311.033301	-0.047927	0.095732	0.
52	Qm-1	0.	0.	-716.459725	0.05838	-0.008638	0.
52	Qm-2	0.	0.	-60.809169	-0.005047	-6.795E-06	0.
53	DEAD	0.	0.	0.	0.	0.	0.
53	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
53	G2	0.	0.	-150.42964	0.019046	-0.000024	0.
53	Qm	0.	0.	-662.718863	0.062502	-0.008631	0.
53	Qs	0.	0.	-47.999998	5.885E-11	-9.783E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
53	T+	0.	0.	0.	0.	0.	2.660E-19
53	T-	0.	0.	0.	0.	0.	-2.660E-19
53	W	0.	0.	330.180449	-0.047932	0.095736	0.
53	Qm-1	0.	0.	-718.187265	0.05838	-0.008637	0.
53	Qm-2	0.	0.	-60.810522	-0.005047	-6.757E-06	0.
54	DEAD	0.	0.	0.	0.	0.	0.
54	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
54	G2	0.	0.	-154.234037	0.019046	-0.000025	0.
54	Qm	0.	0.	-673.492714	0.062499	-0.008632	0.
54	Qs	0.	0.	-47.999998	5.885E-11	-9.781E-12	0.
54	T+	0.	0.	0.	0.	0.	3.017E-19
54	T-	0.	0.	0.	0.	0.	-3.017E-19
54	W	0.	0.	320.619968	-0.047939	0.095753	0.
54	Qm-1	0.	0.	-728.135982	0.058382	-0.008638	0.
54	Qm-2	0.	0.	-59.799736	-0.005047	-7.073E-06	0.
55	DEAD	0.	0.	0.	0.	0.	0.
55	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
55	G2	0.	0.	-154.238933	0.019046	-0.000024	0.
55	Qm	0.	0.	-675.219018	0.0625	-0.008632	0.
55	Qs	0.	0.	-47.999998	5.885E-11	-9.782E-12	0.
55	T+	0.	0.	0.	0.	0.	-3.135E-19
55	T-	0.	0.	0.	0.	0.	3.135E-19
55	W	0.	0.	339.768326	-0.047945	0.095737	0.
55	Qm-1	0.	0.	-729.863497	0.058382	-0.008637	0.
55	Qm-2	0.	0.	-59.801146	-0.005047	-7.059E-06	0.
56	DEAD	0.	0.	0.	0.	0.	0.
56	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
56	G2	0.	0.	-158.043115	0.019045	-0.000025	0.
56	Qm	0.	0.	-685.992448	0.062498	-0.008632	0.
56	Qs	0.	0.	-47.999998	5.886E-11	-9.780E-12	0.
56	T+	0.	0.	0.	0.	0.	-3.343E-19
56	T-	0.	0.	0.	0.	0.	3.343E-19
56	W	0.	0.	330.209857	-0.047969	0.095737	0.
56	Qm-1	0.	0.	-739.81245	0.058383	-0.008638	0.
56	Qm-2	0.	0.	-58.790241	-0.005048	-7.378E-06	0.
57	DEAD	0.	0.	0.	0.	0.	0.
57	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
57	G2	0.	0.	-158.048125	0.019046	-0.000025	0.
57	Qm	0.	0.	-687.718855	0.062499	-0.008632	0.
57	Qs	0.	0.	-47.999998	5.885E-11	-9.781E-12	0.
57	T+	0.	0.	0.	0.	0.	3.281E-19
57	T-	0.	0.	0.	0.	0.	-3.281E-19
57	W	0.	0.	349.357972	-0.047946	0.095741	0.
57	Qm-1	0.	0.	-741.539959	0.058383	-0.008637	0.
57	Qm-2	0.	0.	-58.791705	-0.005047	-7.304E-06	0.
58	DEAD	0.	0.	0.	0.	0.	0.
58	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
58	G2	0.	0.	-161.852085	0.019045	-0.000026	0.
58	Qm	0.	0.	-698.492085	0.062498	-0.008633	0.
58	Qs	0.	0.	-47.999998	5.886E-11	-9.780E-12	0.
58	T+	0.	0.	0.	0.	0.	3.217E-19
58	T-	0.	0.	0.	0.	0.	-3.217E-19
58	W	0.	0.	339.801112	-0.047951	0.095743	0.
58	Qm-1	0.	0.	-751.488997	0.058383	-0.008638	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
58	Qm-2	0.	0.	-57.780703	-0.005048	-7.664E-06	0.
59	DEAD	0.	0.	0.	0.	0.	0.
59	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
59	G2	0.	0.	-66.684814	0.019022	-0.000022	0.
59	Qm	0.	0.	-384.060182	0.062569	-0.008608	0.
59	Qs	0.	0.	-47.999998	5.868E-11	-9.775E-12	0.
59	T+	0.	0.	0.	0.	0.	4.563E-20
59	T-	0.	0.	0.	0.	0.	-4.563E-20
59	W	0.	0.	81.388983	-0.047811	0.095744	0.
59	Qm-1	0.	0.	-457.991594	0.058347	-0.008616	0.
59	Qm-2	0.	0.	-83.022621	-0.005047	4.929E-06	0.
60	DEAD	0.	0.	0.	0.	0.	0.
60	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
60	G2	0.	0.	-70.489124	0.019021	-0.000021	0.
60	Qm	0.	0.	-396.573975	0.062569	-0.008608	0.
60	Qs	0.	0.	-47.999998	5.868E-11	-9.776E-12	0.
60	T+	0.	0.	0.	0.	0.	-4.519E-20
60	T-	0.	0.	0.	0.	0.	4.519E-20
60	W	0.	0.	90.951111	-0.047811	0.095738	0.
60	Qm-1	0.	0.	-469.661108	0.058348	-0.008616	0.
60	Qm-2	0.	0.	-82.013144	-0.005047	4.766E-06	0.
61	DEAD	0.	0.	0.	0.	0.	0.
61	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
61	G2	0.	0.	-74.293402	0.019021	-0.000021	0.
61	Qm	0.	0.	-409.087796	0.062569	-0.008608	0.
61	Qs	0.	0.	-47.999998	5.868E-11	-9.778E-12	0.
61	T+	0.	0.	0.	0.	0.	6.704E-20
61	T-	0.	0.	0.	0.	0.	-6.704E-20
61	W	0.	0.	100.513528	-0.047812	0.095739	0.
61	Qm-1	0.	0.	-481.330674	0.058348	-0.008617	0.
61	Qm-2	0.	0.	-81.003668	-0.005047	4.573E-06	0.
62	DEAD	0.	0.	0.	0.	0.	0.
62	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
62	G2	0.	0.	-78.097694	0.019022	-0.00002	0.
62	Qm	0.	0.	-421.601628	0.062569	-0.008608	0.
62	Qs	0.	0.	-47.999998	5.869E-11	-9.779E-12	0.
62	T+	0.	0.	0.	0.	0.	-1.176E-19
62	T-	0.	0.	0.	0.	0.	1.176E-19
62	W	0.	0.	110.075617	-0.04781	0.095737	0.
62	Qm-1	0.	0.	-493.000298	0.058348	-0.008617	0.
62	Qm-2	0.	0.	-79.994193	-0.005047	4.320E-06	0.
63	DEAD	0.	0.	0.	0.	0.	0.
63	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
63	G2	0.	0.	-81.902067	0.019022	-0.00002	0.
63	Qm	0.	0.	-434.115426	0.062569	-0.008609	0.
63	Qs	0.	0.	-47.999998	5.869E-11	-9.781E-12	0.
63	T+	0.	0.	0.	0.	0.	1.845E-19
63	T-	0.	0.	0.	0.	0.	-1.845E-19
63	W	0.	0.	119.637484	-0.047809	0.095735	0.
63	Qm-1	0.	0.	-504.669956	0.058348	-0.008618	0.
63	Qm-2	0.	0.	-78.984712	-0.005047	3.984E-06	0.
64	DEAD	0.	0.	0.	0.	0.	0.
64	G1	0.	0.	-749.778507	1.262E-09	-2.649E-10	0.
64	G2	0.	0.	-85.706571	0.019023	-0.000019	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
64	Qm	0.	0.	-446.629123	0.062568	-0.008609	0.
64	Qs	0.	0.	-47.999998	5.870E-11	-9.783E-12	0.
64	T+	0.	0.	0.	0.	0.	-2.708E-19
64	T-	0.	0.	0.	0.	0.	2.708E-19
64	W	0.	0.	129.19939	-0.04781	0.095735	0.
64	Qm-1	0.	0.	-516.339605	0.058348	-0.008618	0.
64	Qm-2	0.	0.	-77.975213	-0.005048	3.551E-06	0.
65	DEAD	0.	0.	0.	0.	0.	0.
65	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
65	G2	0.	0.	-89.511241	0.019024	-0.000019	0.
65	Qm	0.	0.	-459.142647	0.062567	-0.00861	0.
65	Qs	0.	0.	-47.999998	5.871E-11	-9.785E-12	0.
65	T+	0.	0.	0.	0.	0.	3.131E-19
65	T-	0.	0.	0.	0.	0.	-3.131E-19
65	W	0.	0.	138.761471	-0.047811	0.095737	0.
65	Qm-1	0.	0.	-528.009192	0.058348	-0.008619	0.
65	Qm-2	0.	0.	-76.965685	-0.005048	3.025E-06	0.
66	DEAD	0.	0.	0.	0.	0.	0.
66	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
66	G2	0.	0.	-93.316101	0.019025	-0.000019	0.
66	Qm	0.	0.	-471.655933	0.062566	-0.008611	0.
66	Qs	0.	0.	-47.999998	5.871E-11	-9.785E-12	0.
66	T+	0.	0.	0.	0.	0.	-3.167E-19
66	T-	0.	0.	0.	0.	0.	3.167E-19
66	W	0.	0.	148.323744	-0.047812	0.09574	0.
66	Qm-1	0.	0.	-539.678663	0.058347	-0.00862	0.
66	Qm-2	0.	0.	-75.956117	-0.005048	2.413E-06	0.
67	DEAD	0.	0.	0.	0.	0.	0.
67	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
67	G2	0.	0.	-97.121155	0.019026	-0.000019	0.
67	Qm	0.	0.	-484.168921	0.062564	-0.008613	0.
67	Qs	0.	0.	-47.999998	5.872E-11	-9.786E-12	0.
67	T+	0.	0.	0.	0.	0.	3.464E-19
67	T-	0.	0.	0.	0.	0.	-3.464E-19
67	W	0.	0.	157.886055	-0.047811	0.095745	0.
67	Qm-1	0.	0.	-551.347962	0.058346	-0.008621	0.
67	Qm-2	0.	0.	-74.946497	-0.005048	1.732E-06	0.
68	DEAD	0.	0.	0.	0.	0.	0.
68	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
68	G2	0.	0.	-100.926387	0.019027	-0.000019	0.
68	Qm	0.	0.	-496.681557	0.062562	-0.008614	0.
68	Qs	0.	0.	-47.999998	5.873E-11	-9.787E-12	0.
68	T+	0.	0.	0.	0.	0.	-3.838E-19
68	T-	0.	0.	0.	0.	0.	3.838E-19
68	W	0.	0.	167.44863	-0.047818	0.09574	0.
68	Qm-1	0.	0.	-563.017029	0.058345	-0.008622	0.
68	Qm-2	0.	0.	-73.936814	-0.005049	1.008E-06	0.
69	DEAD	0.	0.	0.	0.	0.	0.
69	G1	0.	0.	-749.778509	1.262E-09	-2.651E-10	0.
69	G2	0.	0.	-104.731794	0.019028	-0.000019	0.
69	Qm	0.	0.	-509.193771	0.06256	-0.008616	0.
69	Qs	0.	0.	-47.999998	5.874E-11	-9.788E-12	0.
69	T+	0.	0.	0.	0.	0.	3.747E-19
69	T-	0.	0.	0.	0.	0.	-3.747E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
69	W	0.	0.	177.013142	-0.047825	0.095746	0.
69	Qm-1	0.	0.	-574.685803	0.058343	-0.008624	0.
69	Qm-2	0.	0.	-72.927055	-0.005049	2.934E-07	0.
70	DEAD	0.	0.	0.	0.	0.	0.
70	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
70	G2	0.	0.	-108.537431	0.019029	-0.000019	0.
70	Qm	0.	0.	-521.705466	0.062557	-0.008617	0.
70	Qs	0.	0.	-47.999998	5.875E-11	-9.789E-12	0.
70	T+	0.	0.	0.	0.	0.	-3.813E-19
70	T-	0.	0.	0.	0.	0.	3.813E-19
70	W	0.	0.	186.578203	-0.047826	0.095742	0.
70	Qm-1	0.	0.	-586.354212	0.058341	-0.008625	0.
70	Qm-2	0.	0.	-71.917196	-0.00505	-3.322E-07	0.
71	DEAD	0.	0.	0.	0.	0.	0.
71	G1	0.	0.	-749.778509	1.262E-09	-2.653E-10	0.
71	G2	0.	0.	-112.343366	0.01903	-0.000019	0.
71	Qm	0.	0.	-534.2165	0.062553	-0.008619	0.
71	Qs	0.	0.	-47.999998	5.877E-11	-9.789E-12	0.
71	T+	0.	0.	0.	0.	0.	4.021E-19
71	T-	0.	0.	0.	0.	0.	-4.021E-19
71	W	0.	0.	196.143858	-0.047831	0.09574	0.
71	Qm-1	0.	0.	-598.022172	0.058339	-0.008627	0.
71	Qm-2	0.	0.	-70.907182	-0.005051	-9.114E-07	0.
72	DEAD	0.	0.	0.	0.	0.	0.
72	G1	0.	0.	-749.778509	1.263E-09	-2.654E-10	0.
72	G2	0.	0.	-116.149638	0.019032	-0.000019	0.
72	Qm	0.	0.	-546.72669	0.062549	-0.00862	0.
72	Qs	0.	0.	-47.999998	5.878E-11	-9.789E-12	0.
72	T+	0.	0.	0.	0.	0.	-4.006E-19
72	T-	0.	0.	0.	0.	0.	4.006E-19
72	W	0.	0.	205.710505	-0.047836	0.095739	0.
72	Qm-1	0.	0.	-609.689685	0.058337	-0.008629	0.
72	Qm-2	0.	0.	-69.896985	-0.005051	-1.855E-06	0.
73	DEAD	0.	0.	0.	0.	0.	0.
73	G1	0.	0.	-749.77851	1.263E-09	-2.654E-10	0.
73	G2	0.	0.	-119.956263	0.019034	-0.00002	0.
73	Qm	0.	0.	-559.235851	0.062543	-0.008621	0.
73	Qs	0.	0.	-47.999998	5.879E-11	-9.789E-12	0.
73	T+	0.	0.	0.	0.	0.	4.027E-19
73	T-	0.	0.	0.	0.	0.	-4.027E-19
73	W	0.	0.	215.278314	-0.047842	0.09574	0.
73	Qm-1	0.	0.	-621.357157	0.058338	-0.008632	0.
73	Qm-2	0.	0.	-68.886692	-0.005052	-2.732E-06	0.
74	DEAD	0.	0.	0.	0.	0.	0.
74	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
74	G2	0.	0.	-123.763232	0.019036	-0.00002	0.
74	Qm	0.	0.	-571.743844	0.062537	-0.008623	0.
74	Qs	0.	0.	-47.999998	5.880E-11	-9.789E-12	0.
74	T+	0.	0.	0.	0.	0.	-3.969E-19
74	T-	0.	0.	0.	0.	0.	3.969E-19
74	W	0.	0.	224.847225	-0.047847	0.095743	0.
74	Qm-1	0.	0.	-633.025053	0.058341	-0.008635	0.
74	Qm-2	0.	0.	-67.876408	-0.005051	-3.475E-06	0.
75	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
75	G1	0.	0.	-749.77851	1.263E-09	-2.656E-10	0.
75	G2	0.	0.	-127.570505	0.019037	-0.000021	0.
75	Qm	0.	0.	-584.250584	0.06253	-0.008624	0.
75	Qs	0.	0.	-47.999998	5.881E-11	-9.788E-12	0.
75	T+	0.	0.	0.	0.	0.	3.457E-19
75	T-	0.	0.	0.	0.	0.	-3.457E-19
75	W	0.	0.	234.417522	-0.047859	0.095735	0.
75	Qm-1	0.	0.	-644.693765	0.058346	-0.008637	0.
75	Qm-2	0.	0.	-66.866203	-0.005051	-4.141E-06	0.
76	DEAD	0.	0.	0.	0.	0.	0.
76	G1	0.	0.	-749.77851	1.264E-09	-2.656E-10	0.
76	G2	0.	0.	-131.378049	0.019038	-0.000021	0.
76	Qm	0.	0.	-596.756039	0.062524	-0.008625	0.
76	Qs	0.	0.	-47.999998	5.882E-11	-9.788E-12	0.
76	T+	0.	0.	0.	0.	0.	-3.284E-19
76	T-	0.	0.	0.	0.	0.	3.284E-19
76	W	0.	0.	243.990913	-0.047872	0.09574	0.
76	Qm-1	0.	0.	-656.363591	0.058352	-0.008638	0.
76	Qm-2	0.	0.	-65.85612	-0.00505	-4.760E-06	0.
77	DEAD	0.	0.	0.	0.	0.	0.
77	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
77	G2	0.	0.	-135.185884	0.01904	-0.000021	0.
77	Qm	0.	0.	-609.260232	0.062518	-0.008627	0.
77	Qs	0.	0.	-47.999998	5.883E-11	-9.787E-12	0.
77	T+	0.	0.	0.	0.	0.	3.301E-19
77	T-	0.	0.	0.	0.	0.	-3.301E-19
77	W	0.	0.	253.566025	-0.04788	0.095734	0.
77	Qm-1	0.	0.	-668.034722	0.058359	-0.00864	0.
77	Qm-2	0.	0.	-64.846184	-0.005049	-5.344E-06	0.
78	DEAD	0.	0.	0.	0.	0.	0.
78	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
78	G2	0.	0.	-138.994032	0.019042	-0.000022	0.
78	Qm	0.	0.	-621.763235	0.062512	-0.008628	0.
78	Qs	0.	0.	-47.999998	5.883E-11	-9.786E-12	0.
78	T+	0.	0.	0.	0.	0.	-3.075E-19
78	T-	0.	0.	0.	0.	0.	3.075E-19
78	W	0.	0.	263.142909	-0.04789	0.09573	0.
78	Qm-1	0.	0.	-679.707232	0.058366	-0.00864	0.
78	Qm-2	0.	0.	-63.836404	-0.005049	-5.895E-06	0.
79	DEAD	0.	0.	0.	0.	0.	0.
79	G1	0.	0.	-749.778511	1.264E-09	-2.656E-10	0.
79	G2	0.	0.	-142.802483	0.019043	-0.000022	0.
79	Qm	0.	0.	-634.265168	0.062507	-0.008629	0.
79	Qs	0.	0.	-47.999998	5.884E-11	-9.784E-12	0.
79	T+	0.	0.	0.	0.	0.	2.888E-19
79	T-	0.	0.	0.	0.	0.	-2.888E-19
79	W	0.	0.	272.721959	-0.047901	0.095728	0.
79	Qm-1	0.	0.	-691.38107	0.058372	-0.008641	0.
79	Qm-2	0.	0.	-62.826767	-0.005048	-6.396E-06	0.
80	DEAD	0.	0.	0.	0.	0.	0.
80	G1	0.	0.	-749.778511	1.265E-09	-2.656E-10	0.
80	G2	0.	0.	-146.611196	0.019044	-0.000023	0.
80	Qm	0.	0.	-646.766191	0.062503	-0.00863	0.
80	Qs	0.	0.	-47.999998	5.885E-11	-9.783E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
80	T+	0.	0.	0.	0.	0.	-3.082E-19
80	T-	0.	0.	0.	0.	0.	3.082E-19
80	W	0.	0.	282.303346	-0.047913	0.095726	0.
80	Qm-1	0.	0.	-703.056067	0.058377	-0.008641	0.
80	Qm-2	0.	0.	-61.817246	-0.005047	-6.817E-06	0.
81	DEAD	0.	0.	0.	0.	0.	0.
81	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
81	G2	0.	0.	-150.420099	0.019045	-0.000024	0.
81	Qm	0.	0.	-659.266504	0.0625	-0.008631	0.
81	Qs	0.	0.	-47.999998	5.885E-11	-9.781E-12	0.
81	T+	0.	0.	0.	0.	0.	3.132E-19
81	T-	0.	0.	0.	0.	0.	-3.132E-19
81	W	0.	0.	291.88705	-0.047924	0.095727	0.
81	Qm-1	0.	0.	-714.731938	0.058381	-0.00864	0.
81	Qm-2	0.	0.	-60.807787	-0.005047	-7.095E-06	0.
82	DEAD	0.	0.	0.	0.	0.	0.
82	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
82	G2	0.	0.	-154.229083	0.019045	-0.000025	0.
82	Qm	0.	0.	-671.766335	0.062498	-0.008632	0.
82	Qs	0.	0.	-47.999998	5.885E-11	-9.779E-12	0.
82	T+	0.	0.	0.	0.	0.	-2.918E-19
82	T-	0.	0.	0.	0.	0.	2.918E-19
82	W	0.	0.	301.473236	-0.04794	0.095724	0.
82	Qm-1	0.	0.	-726.408296	0.058382	-0.008639	0.
82	Qm-2	0.	0.	-59.798303	-0.005048	-7.291E-06	0.
83	DEAD	0.	0.	0.	0.	0.	0.
83	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
83	G2	0.	0.	-158.038035	0.019045	-0.000025	0.
83	Qm	0.	0.	-684.265923	0.062498	-0.008633	0.
83	Qs	0.	0.	-47.999998	5.886E-11	-9.778E-12	0.
83	T+	0.	0.	0.	0.	0.	3.074E-19
83	T-	0.	0.	0.	0.	0.	-3.074E-19
83	W	0.	0.	311.06256	-0.047948	0.095732	0.
83	Qm-1	0.	0.	-738.084768	0.058383	-0.008639	0.
83	Qm-2	0.	0.	-58.788729	-0.005048	-7.824E-06	0.
84	DEAD	0.	0.	0.	0.	0.	0.
84	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
84	G2	0.	0.	-161.846925	0.019044	-0.000026	0.
84	Qm	0.	0.	-696.765464	0.062498	-0.008634	0.
84	Qs	0.	0.	-47.999998	5.886E-11	-9.776E-12	0.
84	T+	0.	0.	0.	0.	0.	-3.144E-19
84	T-	0.	0.	0.	0.	0.	3.144E-19
84	W	0.	0.	320.652906	-0.047952	0.095738	0.
84	Qm-1	0.	0.	-749.761328	0.058383	-0.008639	0.
84	Qm-2	0.	0.	-57.779114	-0.005048	-8.289E-06	0.
85	DEAD	0.	0.	0.	0.	0.	0.
85	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
85	G2	0.	0.	-66.680544	0.019022	-0.000021	0.
85	Qm	0.	0.	-382.338612	0.062569	-0.008608	0.
85	Qs	0.	0.	-47.999998	5.868E-11	-9.770E-12	0.
85	T+	0.	0.	0.	0.	0.	-2.881E-20
85	T-	0.	0.	0.	0.	0.	2.881E-20
85	W	0.	0.	62.242014	-0.047814	0.095727	0.
85	Qm-1	0.	0.	-456.268331	0.058347	-0.008617	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
85	Qm-2	0.	0.	-83.023626	-0.005048	5.113E-06	0.
86	DEAD	0.	0.	0.	0.	0.	0.
86	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
86	G2	0.	0.	-70.484951	0.019022	-0.000021	0.
86	Qm	0.	0.	-394.85234	0.062569	-0.008609	0.
86	Qs	0.	0.	-47.999998	5.868E-11	-9.771E-12	0.
86	T+	0.	0.	0.	0.	0.	4.625E-20
86	T-	0.	0.	0.	0.	0.	-4.625E-20
86	W	0.	0.	71.804645	-0.047812	0.095726	0.
86	Qm-1	0.	0.	-467.937751	0.058347	-0.008617	0.
86	Qm-2	0.	0.	-82.014114	-0.005048	4.921E-06	0.
87	DEAD	0.	0.	0.	0.	0.	0.
87	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
87	G2	0.	0.	-74.289336	0.019022	-0.00002	0.
87	Qm	0.	0.	-407.366113	0.062569	-0.008609	0.
87	Qs	0.	0.	-47.999998	5.868E-11	-9.773E-12	0.
87	T+	0.	0.	0.	0.	0.	-4.445E-20
87	T-	0.	0.	0.	0.	0.	4.445E-20
87	W	0.	0.	81.367052	-0.047812	0.095726	0.
87	Qm-1	0.	0.	-479.607246	0.058348	-0.008618	0.
87	Qm-2	0.	0.	-81.004598	-0.005048	4.720E-06	0.
88	DEAD	0.	0.	0.	0.	0.	0.
88	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
88	G2	0.	0.	-78.09373	0.019022	-0.00002	0.
88	Qm	0.	0.	-419.879899	0.062569	-0.008609	0.
88	Qs	0.	0.	-47.999998	5.869E-11	-9.775E-12	0.
88	T+	0.	0.	0.	0.	0.	1.108E-19
88	T-	0.	0.	0.	0.	0.	-1.108E-19
88	W	0.	0.	90.929293	-0.047811	0.095726	0.
88	Qm-1	0.	0.	-491.276801	0.058348	-0.008618	0.
88	Qm-2	0.	0.	-79.995073	-0.005048	4.474E-06	0.
89	DEAD	0.	0.	0.	0.	0.	0.
89	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
89	G2	0.	0.	-81.898183	0.019022	-0.000019	0.
89	Qm	0.	0.	-432.393629	0.062568	-0.008609	0.
89	Qs	0.	0.	-47.999998	5.869E-11	-9.777E-12	0.
89	T+	0.	0.	0.	0.	0.	-1.525E-19
89	T-	0.	0.	0.	0.	0.	1.525E-19
89	W	0.	0.	100.491293	-0.04781	0.095726	0.
89	Qm-1	0.	0.	-502.946371	0.058348	-0.008618	0.
89	Qm-2	0.	0.	-78.985524	-0.005048	4.140E-06	0.
90	DEAD	0.	0.	0.	0.	0.	0.
90	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
90	G2	0.	0.	-85.702741	0.019023	-0.000019	0.
90	Qm	0.	0.	-444.907215	0.062567	-0.00861	0.
90	Qs	0.	0.	-47.999998	5.870E-11	-9.779E-12	0.
90	T+	0.	0.	0.	0.	0.	2.510E-19
90	T-	0.	0.	0.	0.	0.	-2.510E-19
90	W	0.	0.	110.053142	-0.047809	0.095727	0.
90	Qm-1	0.	0.	-514.615897	0.058347	-0.008619	0.
90	Qm-2	0.	0.	-77.975938	-0.005048	3.695E-06	0.
91	DEAD	0.	0.	0.	0.	0.	0.
91	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
91	G2	0.	0.	-89.507441	0.019024	-0.000019	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
91	Qm	0.	0.	-457.420568	0.062566	-0.008611	0.
91	Qs	0.	0.	-47.999998	5.871E-11	-9.781E-12	0.
91	T+	0.	0.	0.	0.	0.	-2.965E-19
91	T-	0.	0.	0.	0.	0.	2.965E-19
91	W	0.	0.	119.61496	-0.047809	0.095728	0.
91	Qm-1	0.	0.	-526.285322	0.058347	-0.00862	0.
91	Qm-2	0.	0.	-76.966302	-0.005048	3.145E-06	0.
92	DEAD	0.	0.	0.	0.	0.	0.
92	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
92	G2	0.	0.	-93.312306	0.019025	-0.000019	0.
92	Qm	0.	0.	-469.933618	0.062564	-0.008612	0.
92	Qs	0.	0.	-47.999998	5.871E-11	-9.782E-12	0.
92	T+	0.	0.	0.	0.	0.	3.214E-19
92	T-	0.	0.	0.	0.	0.	-3.214E-19
92	W	0.	0.	129.176831	-0.04781	0.095728	0.
92	Qm-1	0.	0.	-537.954589	0.058346	-0.008621	0.
92	Qm-2	0.	0.	-75.956608	-0.005049	2.501E-06	0.
93	DEAD	0.	0.	0.	0.	0.	0.
93	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
93	G2	0.	0.	-97.117347	0.019026	-0.000019	0.
93	Qm	0.	0.	-482.446316	0.062563	-0.008613	0.
93	Qs	0.	0.	-47.999998	5.872E-11	-9.783E-12	0.
93	T+	0.	0.	0.	0.	0.	-3.081E-19
93	T-	0.	0.	0.	0.	0.	3.081E-19
93	W	0.	0.	138.738941	-0.047812	0.095728	0.
93	Qm-1	0.	0.	-549.623645	0.058345	-0.008622	0.
93	Qm-2	0.	0.	-74.946847	-0.005049	1.763E-06	0.
94	DEAD	0.	0.	0.	0.	0.	0.
94	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
94	G2	0.	0.	-100.922567	0.019027	-0.000019	0.
94	Qm	0.	0.	-494.958628	0.062561	-0.008615	0.
94	Qs	0.	0.	-47.999998	5.873E-11	-9.784E-12	0.
94	T+	0.	0.	0.	0.	0.	3.090E-19
94	T-	0.	0.	0.	0.	0.	-3.090E-19
94	W	0.	0.	148.301845	-0.047817	0.095728	0.
94	Qm-1	0.	0.	-561.292438	0.058343	-0.008624	0.
94	Qm-2	0.	0.	-73.93701	-0.005049	9.405E-07	0.
95	DEAD	0.	0.	0.	0.	0.	0.
95	G1	0.	0.	-749.778509	1.262E-09	-2.651E-10	0.
95	G2	0.	0.	-104.727983	0.019028	-0.000019	0.
95	Qm	0.	0.	-507.47051	0.062558	-0.008617	0.
95	Qs	0.	0.	-47.999998	5.874E-11	-9.785E-12	0.
95	T+	0.	0.	0.	0.	0.	-3.456E-19
95	T-	0.	0.	0.	0.	0.	3.456E-19
95	W	0.	0.	157.865872	-0.047823	0.095729	0.
95	Qm-1	0.	0.	-572.960917	0.058342	-0.008625	0.
95	Qm-2	0.	0.	-72.927093	-0.00505	6.905E-08	0.
96	DEAD	0.	0.	0.	0.	0.	0.
96	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
96	G2	0.	0.	-108.53363	0.019029	-0.000019	0.
96	Qm	0.	0.	-519.981889	0.062555	-0.008619	0.
96	Qs	0.	0.	-47.999998	5.875E-11	-9.786E-12	0.
96	T+	0.	0.	0.	0.	0.	3.827E-19
96	T-	0.	0.	0.	0.	0.	-3.827E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
96	W	0.	0.	167.430974	-0.047828	0.09573	0.
96	Qm-1	0.	0.	-584.629012	0.058339	-0.008627	0.
96	Qm-2	0.	0.	-71.917089	-0.00505	-7.980E-07	0.
97	DEAD	0.	0.	0.	0.	0.	0.
97	G1	0.	0.	-749.778509	1.262E-09	-2.653E-10	0.
97	G2	0.	0.	-112.339555	0.01903	-0.000019	0.
97	Qm	0.	0.	-532.492633	0.062552	-0.00862	0.
97	Qs	0.	0.	-47.999998	5.877E-11	-9.787E-12	0.
97	T+	0.	0.	0.	0.	0.	-4.090E-19
97	T-	0.	0.	0.	0.	0.	4.090E-19
97	W	0.	0.	176.996868	-0.047832	0.095729	0.
97	Qm-1	0.	0.	-596.296592	0.058336	-0.008629	0.
97	Qm-2	0.	0.	-70.906952	-0.005051	-1.619E-06	0.
98	DEAD	0.	0.	0.	0.	0.	0.
98	G1	0.	0.	-749.778509	1.263E-09	-2.654E-10	0.
98	G2	0.	0.	-116.145794	0.019032	-0.000019	0.
98	Qm	0.	0.	-545.002549	0.062547	-0.008621	0.
98	Qs	0.	0.	-47.999998	5.878E-11	-9.787E-12	0.
98	T+	0.	0.	0.	0.	0.	4.160E-19
98	T-	0.	0.	0.	0.	0.	-4.160E-19
98	W	0.	0.	186.563628	-0.047836	0.095729	0.
98	Qm-1	0.	0.	-607.963569	0.058334	-0.008632	0.
98	Qm-2	0.	0.	-69.896568	-0.005052	-2.376E-06	0.
99	DEAD	0.	0.	0.	0.	0.	0.
99	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
99	G2	0.	0.	-119.95236	0.019034	-0.000019	0.
99	Qm	0.	0.	-557.511439	0.062542	-0.008623	0.
99	Qs	0.	0.	-47.999998	5.879E-11	-9.787E-12	0.
99	T+	0.	0.	0.	0.	0.	-4.022E-19
99	T-	0.	0.	0.	0.	0.	4.022E-19
99	W	0.	0.	196.131419	-0.047842	0.095728	0.
99	Qm-1	0.	0.	-619.630474	0.058335	-0.008635	0.
99	Qm-2	0.	0.	-68.886113	-0.005052	-3.073E-06	0.
100	DEAD	0.	0.	0.	0.	0.	0.
100	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
100	G2	0.	0.	-123.759249	0.019035	-0.00002	0.
100	Qm	0.	0.	-570.019161	0.062536	-0.008624	0.
100	Qs	0.	0.	-47.999998	5.880E-11	-9.786E-12	0.
100	T+	0.	0.	0.	0.	0.	3.876E-19
100	T-	0.	0.	0.	0.	0.	-3.876E-19
100	W	0.	0.	205.700504	-0.04785	0.095726	0.
100	Qm-1	0.	0.	-631.297849	0.058339	-0.008638	0.
100	Qm-2	0.	0.	-67.875689	-0.005052	-3.721E-06	0.
101	DEAD	0.	0.	0.	0.	0.	0.
101	G1	0.	0.	-749.77851	1.263E-09	-2.656E-10	0.
101	G2	0.	0.	-127.566441	0.019037	-0.00002	0.
101	Qm	0.	0.	-582.52563	0.062529	-0.008626	0.
101	Qs	0.	0.	-47.999998	5.881E-11	-9.786E-12	0.
101	T+	0.	0.	0.	0.	0.	-3.573E-19
101	T-	0.	0.	0.	0.	0.	3.573E-19
101	W	0.	0.	215.271492	-0.04786	0.095724	0.
101	Qm-1	0.	0.	-642.966117	0.058344	-0.00864	0.
101	Qm-2	0.	0.	-66.865354	-0.005051	-4.339E-06	0.
102	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
102	G1	0.	0.	-749.77851	1.264E-09	-2.656E-10	0.
102	G2	0.	0.	-131.373923	0.019038	-0.00002	0.
102	Qm	0.	0.	-595.030818	0.062523	-0.008627	0.
102	Qs	0.	0.	-47.999998	5.882E-11	-9.785E-12	0.
102	T+	0.	0.	0.	0.	0.	3.171E-19
102	T-	0.	0.	0.	0.	0.	-3.171E-19
102	W	0.	0.	224.844745	-0.047872	0.095724	0.
102	Qm-1	0.	0.	-654.635589	0.058351	-0.008642	0.
102	Qm-2	0.	0.	-65.855149	-0.005051	-4.940E-06	0.
103	DEAD	0.	0.	0.	0.	0.	0.
103	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
103	G2	0.	0.	-135.181694	0.01904	-0.000021	0.
103	Qm	0.	0.	-607.534748	0.062517	-0.008628	0.
103	Qs	0.	0.	-47.999998	5.883E-11	-9.785E-12	0.
103	T+	0.	0.	0.	0.	0.	-3.159E-19
103	T-	0.	0.	0.	0.	0.	3.159E-19
103	W	0.	0.	234.420238	-0.047882	0.095723	0.
103	Qm-1	0.	0.	-666.306463	0.058358	-0.008643	0.
103	Qm-2	0.	0.	-64.845096	-0.00505	-5.534E-06	0.
104	DEAD	0.	0.	0.	0.	0.	0.
104	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
104	G2	0.	0.	-138.989756	0.019041	-0.000021	0.
104	Qm	0.	0.	-620.037495	0.062511	-0.00863	0.
104	Qs	0.	0.	-47.999998	5.884E-11	-9.783E-12	0.
104	T+	0.	0.	0.	0.	0.	2.945E-19
104	T-	0.	0.	0.	0.	0.	-2.945E-19
104	W	0.	0.	243.997696	-0.047892	0.095722	0.
104	Qm-1	0.	0.	-677.978814	0.058365	-0.008644	0.
104	Qm-2	0.	0.	-63.835201	-0.005049	-6.122E-06	0.
105	DEAD	0.	0.	0.	0.	0.	0.
105	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
105	G2	0.	0.	-142.798094	0.019042	-0.000022	0.
105	Qm	0.	0.	-632.539178	0.062506	-0.008631	0.
105	Qs	0.	0.	-47.999998	5.884E-11	-9.782E-12	0.
105	T+	0.	0.	0.	0.	0.	-2.893E-19
105	T-	0.	0.	0.	0.	0.	2.893E-19
105	W	0.	0.	253.577187	-0.047903	0.09572	0.
105	Qm-1	0.	0.	-689.652592	0.058372	-0.008644	0.
105	Qm-2	0.	0.	-62.825457	-0.005048	-6.701E-06	0.
106	DEAD	0.	0.	0.	0.	0.	0.
106	G1	0.	0.	-749.778511	1.265E-09	-2.657E-10	0.
106	G2	0.	0.	-146.606667	0.019043	-0.000022	0.
106	Qm	0.	0.	-645.039959	0.062502	-0.008632	0.
106	Qs	0.	0.	-47.999998	5.885E-11	-9.780E-12	0.
106	T+	0.	0.	0.	0.	0.	2.939E-19
106	T-	0.	0.	0.	0.	0.	-2.939E-19
106	W	0.	0.	263.158847	-0.047914	0.095718	0.
106	Qm-1	0.	0.	-701.327624	0.058378	-0.008644	0.
106	Qm-2	0.	0.	-61.815839	-0.005048	-7.260E-06	0.
107	DEAD	0.	0.	0.	0.	0.	0.
107	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
107	G2	0.	0.	-150.415405	0.019044	-0.000023	0.
107	Qm	0.	0.	-657.540039	0.062499	-0.008633	0.
107	Qs	0.	0.	-47.999998	5.885E-11	-9.778E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
107	T+	0.	0.	0.	0.	0.	-3.018E-19
107	T-	0.	0.	0.	0.	0.	3.018E-19
107	W	0.	0.	272.74279	-0.047926	0.095716	0.
107	Qm-1	0.	0.	-713.003606	0.058382	-0.008644	0.
107	Qm-2	0.	0.	-60.806304	-0.005048	-7.786E-06	0.
108	DEAD	0.	0.	0.	0.	0.	0.
108	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
108	G2	0.	0.	-154.224221	0.019044	-0.000024	0.
108	Qm	0.	0.	-670.039657	0.062497	-0.008635	0.
108	Qs	0.	0.	-47.999998	5.886E-11	-9.776E-12	0.
108	T+	0.	0.	0.	0.	0.	2.908E-19
108	T-	0.	0.	0.	0.	0.	-2.908E-19
108	W	0.	0.	282.329156	-0.047937	0.095716	0.
108	Qm-1	0.	0.	-724.680084	0.058383	-0.008643	0.
108	Qm-2	0.	0.	-59.79677	-0.005048	-8.272E-06	0.
109	DEAD	0.	0.	0.	0.	0.	0.
109	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
109	G2	0.	0.	-158.033036	0.019044	-0.000025	0.
109	Qm	0.	0.	-682.539071	0.062497	-0.008635	0.
109	Qs	0.	0.	-47.999998	5.886E-11	-9.774E-12	0.
109	T+	0.	0.	0.	0.	0.	-3.060E-19
109	T-	0.	0.	0.	0.	0.	3.060E-19
109	W	0.	0.	291.917519	-0.047946	0.095719	0.
109	Qm-1	0.	0.	-736.356581	0.058383	-0.008643	0.
109	Qm-2	0.	0.	-58.78708	-0.005049	-8.725E-06	0.
110	DEAD	0.	0.	0.	0.	0.	0.
110	G1	0.	0.	-749.778512	1.265E-09	-2.655E-10	0.
110	G2	0.	0.	-161.841808	0.019044	-0.000025	0.
110	Qm	0.	0.	-695.038492	0.062497	-0.008636	0.
110	Qs	0.	0.	-47.999998	5.886E-11	-9.773E-12	0.
110	T+	0.	0.	0.	0.	0.	3.554E-19
110	T-	0.	0.	0.	0.	0.	-3.554E-19
110	W	0.	0.	301.506767	-0.047946	0.095723	0.
110	Qm-1	0.	0.	-748.033182	0.058383	-0.008643	0.
110	Qm-2	0.	0.	-57.77737	-0.005048	-9.165E-06	0.
111	DEAD	0.	0.	0.	0.	0.	0.
111	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
111	G2	0.	0.	-66.676427	0.019023	-0.00002	0.
111	Qm	0.	0.	-380.616817	0.062568	-0.00861	0.
111	Qs	0.	0.	-47.999998	5.868E-11	-9.764E-12	0.
111	T+	0.	0.	0.	0.	0.	3.322E-20
111	T-	0.	0.	0.	0.	0.	-3.322E-20
111	W	0.	0.	43.098006	-0.047814	0.095714	0.
111	Qm-1	0.	0.	-454.544764	0.058346	-0.008619	0.
111	Qm-2	0.	0.	-83.024662	-0.005048	5.235E-06	0.
112	DEAD	0.	0.	0.	0.	0.	0.
112	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
112	G2	0.	0.	-70.480941	0.019022	-0.00002	0.
112	Qm	0.	0.	-393.130471	0.062568	-0.00861	0.
112	Qs	0.	0.	-47.999998	5.868E-11	-9.765E-12	0.
112	T+	0.	0.	0.	0.	0.	-4.912E-20
112	T-	0.	0.	0.	0.	0.	4.912E-20
112	W	0.	0.	52.660653	-0.047812	0.095714	0.
112	Qm-1	0.	0.	-466.214073	0.058347	-0.00862	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
112	Qm-2	0.	0.	-82.015109	-0.005048	5.017E-06	0.
113	DEAD	0.	0.	0.	0.	0.	0.
113	G1	0.	0.	-749.778507	1.261E-09	-2.646E-10	0.
113	G2	0.	0.	-74.285426	0.019022	-0.000019	0.
113	Qm	0.	0.	-405.644204	0.062569	-0.00861	0.
113	Qs	0.	0.	-47.999998	5.868E-11	-9.767E-12	0.
113	T+	0.	0.	0.	0.	0.	6.565E-20
113	T-	0.	0.	0.	0.	0.	-6.565E-20
113	W	0.	0.	62.223004	-0.047811	0.095715	0.
113	Qm-1	0.	0.	-477.883498	0.058347	-0.00862	0.
113	Qm-2	0.	0.	-81.005553	-0.005048	4.810E-06	0.
114	DEAD	0.	0.	0.	0.	0.	0.
114	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
114	G2	0.	0.	-78.089911	0.019022	-0.000019	0.
114	Qm	0.	0.	-418.157965	0.062569	-0.008611	0.
114	Qs	0.	0.	-47.999998	5.868E-11	-9.769E-12	0.
114	T+	0.	0.	0.	0.	0.	-1.129E-19
114	T-	0.	0.	0.	0.	0.	1.129E-19
114	W	0.	0.	71.785136	-0.04781	0.095715	0.
114	Qm-1	0.	0.	-489.552996	0.058348	-0.00862	0.
114	Qm-2	0.	0.	-79.99598	-0.005048	4.583E-06	0.
115	DEAD	0.	0.	0.	0.	0.	0.
115	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
115	G2	0.	0.	-81.894439	0.019023	-0.000018	0.
115	Qm	0.	0.	-430.671656	0.062568	-0.008611	0.
115	Qs	0.	0.	-47.999998	5.869E-11	-9.771E-12	0.
115	T+	0.	0.	0.	0.	0.	1.469E-19
115	T-	0.	0.	0.	0.	0.	-1.469E-19
115	W	0.	0.	81.34706	-0.047809	0.095716	0.
115	Qm-1	0.	0.	-501.222487	0.058347	-0.008621	0.
115	Qm-2	0.	0.	-78.986365	-0.005048	4.252E-06	0.
116	DEAD	0.	0.	0.	0.	0.	0.
116	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
116	G2	0.	0.	-85.699049	0.019023	-0.000018	0.
116	Qm	0.	0.	-443.185154	0.062567	-0.008611	0.
116	Qs	0.	0.	-47.999998	5.870E-11	-9.773E-12	0.
116	T+	0.	0.	0.	0.	0.	-2.477E-19
116	T-	0.	0.	0.	0.	0.	2.477E-19
116	W	0.	0.	90.908823	-0.047809	0.095716	0.
116	Qm-1	0.	0.	-512.891892	0.058347	-0.008621	0.
116	Qm-2	0.	0.	-77.976687	-0.005049	3.781E-06	0.
117	DEAD	0.	0.	0.	0.	0.	0.
117	G1	0.	0.	-749.778508	1.262E-09	-2.648E-10	0.
117	G2	0.	0.	-89.503777	0.019024	-0.000018	0.
117	Qm	0.	0.	-455.698342	0.062565	-0.008612	0.
117	Qs	0.	0.	-47.999998	5.870E-11	-9.775E-12	0.
117	T+	0.	0.	0.	0.	0.	2.921E-19
117	T-	0.	0.	0.	0.	0.	-2.921E-19
117	W	0.	0.	100.470528	-0.047809	0.095717	0.
117	Qm-1	0.	0.	-524.561144	0.058346	-0.008622	0.
117	Qm-2	0.	0.	-76.966938	-0.005049	3.192E-06	0.
118	DEAD	0.	0.	0.	0.	0.	0.
118	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
118	G2	0.	0.	-93.308649	0.019025	-0.000018	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
118	Qm	0.	0.	-468.211141	0.062563	-0.008613	0.
118	Qs	0.	0.	-47.999998	5.871E-11	-9.777E-12	0.
118	T+	0.	0.	0.	0.	0.	-3.259E-19
118	T-	0.	0.	0.	0.	0.	3.259E-19
118	W	0.	0.	110.032342	-0.04781	0.095717	0.
118	Qm-1	0.	0.	-536.230188	0.058345	-0.008623	0.
118	Qm-2	0.	0.	-75.957113	-0.005049	2.535E-06	0.
119	DEAD	0.	0.	0.	0.	0.	0.
119	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
119	G2	0.	0.	-97.113684	0.019026	-0.000018	0.
119	Qm	0.	0.	-480.723513	0.062561	-0.008615	0.
119	Qs	0.	0.	-47.999998	5.872E-11	-9.778E-12	0.
119	T+	0.	0.	0.	0.	0.	2.985E-19
119	T-	0.	0.	0.	0.	0.	-2.985E-19
119	W	0.	0.	119.594542	-0.047813	0.095716	0.
119	Qm-1	0.	0.	-547.898968	0.058343	-0.008625	0.
119	Qm-2	0.	0.	-74.9472	-0.00505	1.760E-06	0.
120	DEAD	0.	0.	0.	0.	0.	0.
120	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
120	G2	0.	0.	-100.918898	0.019027	-0.000018	0.
120	Qm	0.	0.	-493.235455	0.062559	-0.008617	0.
120	Qs	0.	0.	-47.999998	5.873E-11	-9.780E-12	0.
120	T+	0.	0.	0.	0.	0.	-3.019E-19
120	T-	0.	0.	0.	0.	0.	3.019E-19
120	W	0.	0.	129.157469	-0.047817	0.095716	0.
120	Qm-1	0.	0.	-559.567432	0.058341	-0.008627	0.
120	Qm-2	0.	0.	-73.937188	-0.00505	8.421E-07	0.
121	DEAD	0.	0.	0.	0.	0.	0.
121	G1	0.	0.	-749.778509	1.262E-09	-2.651E-10	0.
121	G2	0.	0.	-104.724313	0.019028	-0.000018	0.
121	Qm	0.	0.	-505.746959	0.062556	-0.008619	0.
121	Qs	0.	0.	-47.999998	5.874E-11	-9.781E-12	0.
121	T+	0.	0.	0.	0.	0.	3.333E-19
121	T-	0.	0.	0.	0.	0.	-3.333E-19
121	W	0.	0.	138.721362	-0.047822	0.095717	0.
121	Qm-1	0.	0.	-571.235537	0.05834	-0.008629	0.
121	Qm-2	0.	0.	-72.927081	-0.005051	-1.900E-07	0.
122	DEAD	0.	0.	0.	0.	0.	0.
122	G1	0.	0.	-749.778509	1.262E-09	-2.652E-10	0.
122	G2	0.	0.	-108.529959	0.019029	-0.000018	0.
122	Qm	0.	0.	-518.257976	0.062554	-0.008621	0.
122	Qs	0.	0.	-47.999998	5.875E-11	-9.782E-12	0.
122	T+	0.	0.	0.	0.	0.	-3.560E-19
122	T-	0.	0.	0.	0.	0.	3.560E-19
122	W	0.	0.	148.286271	-0.047827	0.095717	0.
122	Qm-1	0.	0.	-582.903219	0.058337	-0.008631	0.
122	Qm-2	0.	0.	-71.916875	-0.005051	-1.287E-06	0.
123	DEAD	0.	0.	0.	0.	0.	0.
123	G1	0.	0.	-749.778509	1.262E-09	-2.653E-10	0.
123	G2	0.	0.	-112.335871	0.01903	-0.000018	0.
123	Qm	0.	0.	-530.768387	0.06255	-0.008623	0.
123	Qs	0.	0.	-47.999998	5.876E-11	-9.782E-12	0.
123	T+	0.	0.	0.	0.	0.	4.023E-19
123	T-	0.	0.	0.	0.	0.	-4.023E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
123	W	0.	0.	157.852143	-0.047832	0.095718	0.
123	Qm-1	0.	0.	-594.57032	0.058334	-0.008634	0.
123	Qm-2	0.	0.	-70.906534	-0.005052	-2.331E-06	0.
124	DEAD	0.	0.	0.	0.	0.	0.
124	G1	0.	0.	-749.778509	1.262E-09	-2.654E-10	0.
124	G2	0.	0.	-116.142075	0.019032	-0.000018	0.
124	Qm	0.	0.	-543.277993	0.062546	-0.008624	0.
124	Qs	0.	0.	-47.999998	5.878E-11	-9.783E-12	0.
124	T+	0.	0.	0.	0.	0.	-4.177E-19
124	T-	0.	0.	0.	0.	0.	4.177E-19
124	W	0.	0.	167.418995	-0.047837	0.095717	0.
124	Qm-1	0.	0.	-606.236744	0.058331	-0.008636	0.
124	Qm-2	0.	0.	-69.896036	-0.005053	-2.883E-06	0.
125	DEAD	0.	0.	0.	0.	0.	0.
125	G1	0.	0.	-749.77851	1.263E-09	-2.655E-10	0.
125	G2	0.	0.	-119.948587	0.019033	-0.000018	0.
125	Qm	0.	0.	-555.786586	0.06254	-0.008626	0.
125	Qs	0.	0.	-47.999998	5.879E-11	-9.783E-12	0.
125	T+	0.	0.	0.	0.	0.	3.951E-19
125	T-	0.	0.	0.	0.	0.	-3.951E-19
125	W	0.	0.	176.986992	-0.047843	0.095716	0.
125	Qm-1	0.	0.	-617.903066	0.058332	-0.008639	0.
125	Qm-2	0.	0.	-68.885465	-0.005053	-3.380E-06	0.
126	DEAD	0.	0.	0.	0.	0.	0.
126	G1	0.	0.	-749.77851	1.263E-09	-2.656E-10	0.
126	G2	0.	0.	-123.755409	0.019035	-0.000019	0.
126	Qm	0.	0.	-568.294017	0.062534	-0.008627	0.
126	Qs	0.	0.	-47.999998	5.880E-11	-9.782E-12	0.
126	T+	0.	0.	0.	0.	0.	-3.754E-19
126	T-	0.	0.	0.	0.	0.	3.754E-19
126	W	0.	0.	186.556447	-0.047852	0.095715	0.
126	Qm-1	0.	0.	-629.569896	0.058336	-0.008642	0.
126	Qm-2	0.	0.	-67.874923	-0.005053	-3.917E-06	0.
127	DEAD	0.	0.	0.	0.	0.	0.
127	G1	0.	0.	-749.77851	1.263E-09	-2.656E-10	0.
127	G2	0.	0.	-127.562532	0.019036	-0.000019	0.
127	Qm	0.	0.	-580.800199	0.062528	-0.008629	0.
127	Qs	0.	0.	-47.999998	5.881E-11	-9.782E-12	0.
127	T+	0.	0.	0.	0.	0.	3.376E-19
127	T-	0.	0.	0.	0.	0.	-3.376E-19
127	W	0.	0.	196.127736	-0.047862	0.095713	0.
127	Qm-1	0.	0.	-641.237692	0.058342	-0.008645	0.
127	Qm-2	0.	0.	-66.864471	-0.005052	-4.474E-06	0.
128	DEAD	0.	0.	0.	0.	0.	0.
128	G1	0.	0.	-749.77851	1.264E-09	-2.657E-10	0.
128	G2	0.	0.	-131.369949	0.019038	-0.000019	0.
128	Qm	0.	0.	-593.305105	0.062521	-0.00863	0.
128	Qs	0.	0.	-47.999998	5.882E-11	-9.781E-12	0.
128	T+	0.	0.	0.	0.	0.	-3.288E-19
128	T-	0.	0.	0.	0.	0.	3.288E-19
128	W	0.	0.	205.701125	-0.047872	0.095713	0.
128	Qm-1	0.	0.	-652.906784	0.058349	-0.008646	0.
128	Qm-2	0.	0.	-65.854148	-0.005051	-5.049E-06	0.
129	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
129	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
129	G2	0.	0.	-135.177652	0.019039	-0.00002	0.
129	Qm	0.	0.	-605.808758	0.062515	-0.008632	0.
129	Qs	0.	0.	-47.999998	5.883E-11	-9.781E-12	0.
129	T+	0.	0.	0.	0.	0.	3.130E-19
129	T-	0.	0.	0.	0.	0.	-3.130E-19
129	W	0.	0.	215.276675	-0.047883	0.095713	0.
129	Qm-1	0.	0.	-664.577379	0.058357	-0.008648	0.
129	Qm-2	0.	0.	-64.843976	-0.00505	-5.646E-06	0.
130	DEAD	0.	0.	0.	0.	0.	0.
130	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
130	G2	0.	0.	-138.985632	0.019041	-0.00002	0.
130	Qm	0.	0.	-618.311232	0.06251	-0.008633	0.
130	Qs	0.	0.	-47.999998	5.884E-11	-9.779E-12	0.
130	T+	0.	0.	0.	0.	0.	-2.834E-19
130	T-	0.	0.	0.	0.	0.	2.834E-19
130	W	0.	0.	224.854335	-0.047894	0.095712	0.
130	Qm-1	0.	0.	-676.249554	0.058365	-0.008649	0.
130	Qm-2	0.	0.	-63.83396	-0.00505	-6.271E-06	0.
131	DEAD	0.	0.	0.	0.	0.	0.
131	G1	0.	0.	-749.778511	1.264E-09	-2.657E-10	0.
131	G2	0.	0.	-142.793866	0.019042	-0.000021	0.
131	Qm	0.	0.	-630.812649	0.062505	-0.008635	0.
131	Qs	0.	0.	-47.999998	5.885E-11	-9.778E-12	0.
131	T+	0.	0.	0.	0.	0.	2.680E-19
131	T-	0.	0.	0.	0.	0.	-2.680E-19
131	W	0.	0.	234.434103	-0.047904	0.095711	0.
131	Qm-1	0.	0.	-687.923257	0.058372	-0.008649	0.
131	Qm-2	0.	0.	-62.824092	-0.005049	-6.927E-06	0.
132	DEAD	0.	0.	0.	0.	0.	0.
132	G1	0.	0.	-749.778511	1.265E-09	-2.657E-10	0.
132	G2	0.	0.	-146.602313	0.019043	-0.000021	0.
132	Qm	0.	0.	-643.313173	0.062501	-0.008636	0.
132	Qs	0.	0.	-47.999998	5.885E-11	-9.776E-12	0.
132	T+	0.	0.	0.	0.	0.	-2.687E-19
132	T-	0.	0.	0.	0.	0.	2.687E-19
132	W	0.	0.	244.016068	-0.047916	0.09571	0.
132	Qm-1	0.	0.	-699.598302	0.058378	-0.008649	0.
132	Qm-2	0.	0.	-61.814347	-0.005048	-7.628E-06	0.
133	DEAD	0.	0.	0.	0.	0.	0.
133	G1	0.	0.	-749.778512	1.265E-09	-2.657E-10	0.
133	G2	0.	0.	-150.41091	0.019043	-0.000022	0.
133	Qm	0.	0.	-655.81301	0.062498	-0.008637	0.
133	Qs	0.	0.	-47.999998	5.886E-11	-9.774E-12	0.
133	T+	0.	0.	0.	0.	0.	2.722E-19
133	T-	0.	0.	0.	0.	0.	-2.722E-19
133	W	0.	0.	253.60033	-0.047927	0.095708	0.
133	Qm-1	0.	0.	-711.274359	0.058382	-0.008649	0.
133	Qm-2	0.	0.	-60.804677	-0.005048	-8.404E-06	0.
134	DEAD	0.	0.	0.	0.	0.	0.
134	G1	0.	0.	-749.778512	1.265E-09	-2.657E-10	0.
134	G2	0.	0.	-154.219584	0.019043	-0.000022	0.
134	Qm	0.	0.	-668.312406	0.062496	-0.008638	0.
134	Qs	0.	0.	-47.999998	5.886E-11	-9.772E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
134	T+	0.	0.	0.	0.	0.	-2.843E-19
134	T-	0.	0.	0.	0.	0.	2.843E-19
134	W	0.	0.	263.186795	-0.047937	0.095707	0.
134	Qm-1	0.	0.	-722.95092	0.058383	-0.008649	0.
134	Qm-2	0.	0.	-59.794999	-0.005049	-9.179E-06	0.
135	DEAD	0.	0.	0.	0.	0.	0.
135	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
135	G2	0.	0.	-158.028266	0.019043	-0.000023	0.
135	Qm	0.	0.	-680.811639	0.062496	-0.008639	0.
135	Qs	0.	0.	-47.999998	5.886E-11	-9.770E-12	0.
135	T+	0.	0.	0.	0.	0.	2.648E-19
135	T-	0.	0.	0.	0.	0.	-2.648E-19
135	W	0.	0.	272.774953	-0.047943	0.095707	0.
135	Qm-1	0.	0.	-734.62748	0.058383	-0.008648	0.
135	Qm-2	0.	0.	-58.785245	-0.005049	-9.537E-06	0.
136	DEAD	0.	0.	0.	0.	0.	0.
136	G1	0.	0.	-749.778512	1.265E-09	-2.656E-10	0.
136	G2	0.	0.	-161.836908	0.019043	-0.000024	0.
136	Qm	0.	0.	-693.310929	0.062497	-0.00864	0.
136	Qs	0.	0.	-47.999998	5.886E-11	-9.769E-12	0.
136	T+	0.	0.	0.	0.	0.	-2.769E-19
136	T-	0.	0.	0.	0.	0.	2.769E-19
136	W	0.	0.	282.363801	-0.047944	0.095707	0.
136	Qm-1	0.	0.	-746.304158	0.058384	-0.008648	0.
136	Qm-2	0.	0.	-57.775455	-0.005049	-9.933E-06	0.
137	DEAD	0.	0.	0.	0.	0.	0.
137	G1	0.	0.	-749.778506	1.261E-09	-2.645E-10	0.
137	G2	0.	0.	-66.672559	0.019023	-0.000019	0.
137	Qm	0.	0.	-378.894569	0.062567	-0.008613	0.
137	Qs	0.	0.	-47.999998	5.868E-11	-9.757E-12	0.
137	T+	0.	0.	0.	0.	0.	-8.358E-20
137	T-	0.	0.	0.	0.	0.	8.358E-20
137	W	0.	0.	23.956431	-0.047813	0.095702	0.
137	Qm-1	0.	0.	-452.820597	0.058345	-0.008623	0.
137	Qm-2	0.	0.	-83.025713	-0.005048	5.256E-06	0.
138	DEAD	0.	0.	0.	0.	0.	0.
138	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
138	G2	0.	0.	-70.477175	0.019023	-0.000018	0.
138	Qm	0.	0.	-391.408141	0.062568	-0.008613	0.
138	Qs	0.	0.	-47.999998	5.868E-11	-9.758E-12	0.
138	T+	0.	0.	0.	0.	0.	1.084E-19
138	T-	0.	0.	0.	0.	0.	-1.084E-19
138	W	0.	0.	33.51894	-0.047812	0.095703	0.
138	Qm-1	0.	0.	-464.489783	0.058346	-0.008624	0.
138	Qm-2	0.	0.	-82.016113	-0.005048	5.007E-06	0.
139	DEAD	0.	0.	0.	0.	0.	0.
139	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
139	G2	0.	0.	-74.281751	0.019023	-0.000018	0.
139	Qm	0.	0.	-403.921842	0.062569	-0.008613	0.
139	Qs	0.	0.	-47.999998	5.868E-11	-9.760E-12	0.
139	T+	0.	0.	0.	0.	0.	-1.064E-19
139	T-	0.	0.	0.	0.	0.	1.064E-19
139	W	0.	0.	43.081141	-0.04781	0.095704	0.
139	Qm-1	0.	0.	-476.159145	0.058347	-0.008624	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
139	Qm-2	0.	0.	-81.006513	-0.005048	4.771E-06	0.
140	DEAD	0.	0.	0.	0.	0.	0.
140	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
140	G2	0.	0.	-78.086317	0.019023	-0.000017	0.
140	Qm	0.	0.	-416.435601	0.062569	-0.008613	0.
140	Qs	0.	0.	-47.999998	5.868E-11	-9.762E-12	0.
140	T+	0.	0.	0.	0.	0.	1.382E-19
140	T-	0.	0.	0.	0.	0.	-1.382E-19
140	W	0.	0.	52.643109	-0.047809	0.095705	0.
140	Qm-1	0.	0.	-487.828605	0.058347	-0.008624	0.
140	Qm-2	0.	0.	-79.996896	-0.005048	4.545E-06	0.
141	DEAD	0.	0.	0.	0.	0.	0.
141	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
141	G2	0.	0.	-81.89091	0.019023	-0.000017	0.
141	Qm	0.	0.	-428.949283	0.062568	-0.008613	0.
141	Qs	0.	0.	-47.999998	5.869E-11	-9.764E-12	0.
141	T+	0.	0.	0.	0.	0.	-2.296E-19
141	T-	0.	0.	0.	0.	0.	2.296E-19
141	W	0.	0.	62.204894	-0.047809	0.095706	0.
141	Qm-1	0.	0.	-499.49803	0.058347	-0.008624	0.
141	Qm-2	0.	0.	-78.987218	-0.005049	4.267E-06	0.
142	DEAD	0.	0.	0.	0.	0.	0.
142	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
142	G2	0.	0.	-85.695567	0.019024	-0.000017	0.
142	Qm	0.	0.	-441.462719	0.062566	-0.008614	0.
142	Qs	0.	0.	-47.999998	5.869E-11	-9.766E-12	0.
142	T+	0.	0.	0.	0.	0.	2.901E-19
142	T-	0.	0.	0.	0.	0.	-2.901E-19
142	W	0.	0.	71.766562	-0.047808	0.095706	0.
142	Qm-1	0.	0.	-511.167302	0.058346	-0.008625	0.
142	Qm-2	0.	0.	-77.97744	-0.005049	3.709E-06	0.
143	DEAD	0.	0.	0.	0.	0.	0.
143	G1	0.	0.	-749.778507	1.262E-09	-2.648E-10	0.
143	G2	0.	0.	-89.500323	0.019024	-0.000017	0.
143	Qm	0.	0.	-453.975747	0.062564	-0.008614	0.
143	Qs	0.	0.	-47.999998	5.870E-11	-9.769E-12	0.
143	T+	0.	0.	0.	0.	0.	-3.023E-19
143	T-	0.	0.	0.	0.	0.	3.023E-19
143	W	0.	0.	81.328227	-0.047809	0.095706	0.
143	Qm-1	0.	0.	-522.83636	0.058345	-0.008626	0.
143	Qm-2	0.	0.	-76.967569	-0.00505	3.083E-06	0.
144	DEAD	0.	0.	0.	0.	0.	0.
144	G1	0.	0.	-749.778508	1.262E-09	-2.649E-10	0.
144	G2	0.	0.	-93.305206	0.019025	-0.000017	0.
144	Qm	0.	0.	-466.488271	0.062561	-0.008616	0.
144	Qs	0.	0.	-47.999998	5.871E-11	-9.771E-12	0.
144	T+	0.	0.	0.	0.	0.	3.144E-19
144	T-	0.	0.	0.	0.	0.	-3.144E-19
144	W	0.	0.	90.890071	-0.04781	0.095706	0.
144	Qm-1	0.	0.	-534.505161	0.058343	-0.008627	0.
144	Qm-2	0.	0.	-75.957614	-0.00505	2.442E-06	0.
145	DEAD	0.	0.	0.	0.	0.	0.
145	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
145	G2	0.	0.	-97.110241	0.019026	-0.000017	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
145	Qm	0.	0.	-479.000271	0.062559	-0.008618	0.
145	Qs	0.	0.	-47.999998	5.872E-11	-9.772E-12	0.
145	T+	0.	0.	0.	0.	0.	-2.736E-19
145	T-	0.	0.	0.	0.	0.	2.736E-19
145	W	0.	0.	100.452336	-0.047813	0.095706	0.
145	Qm-1	0.	0.	-546.173627	0.058341	-0.008629	0.
145	Qm-2	0.	0.	-74.947549	-0.005051	1.726E-06	0.
146	DEAD	0.	0.	0.	0.	0.	0.
146	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
146	G2	0.	0.	-100.915451	0.019027	-0.000017	0.
146	Qm	0.	0.	-491.511785	0.062556	-0.00862	0.
146	Qs	0.	0.	-47.999998	5.873E-11	-9.774E-12	0.
146	T+	0.	0.	0.	0.	0.	3.021E-19
146	T-	0.	0.	0.	0.	0.	-3.021E-19
146	W	0.	0.	110.015277	-0.047817	0.095706	0.
146	Qm-1	0.	0.	-557.84169	0.058339	-0.008631	0.
146	Qm-2	0.	0.	-73.937345	-0.005051	7.174E-07	0.
147	DEAD	0.	0.	0.	0.	0.	0.
147	G1	0.	0.	-749.778508	1.262E-09	-2.652E-10	0.
147	G2	0.	0.	-104.72086	0.019028	-0.000017	0.
147	Qm	0.	0.	-504.022852	0.062554	-0.008622	0.
147	Qs	0.	0.	-47.999998	5.874E-11	-9.775E-12	0.
147	T+	0.	0.	0.	0.	0.	-2.902E-19
147	T-	0.	0.	0.	0.	0.	2.902E-19
147	W	0.	0.	119.579091	-0.047821	0.095706	0.
147	Qm-1	0.	0.	-569.509325	0.058337	-0.008634	0.
147	Qm-2	0.	0.	-72.927023	-0.005052	-3.587E-07	0.
148	DEAD	0.	0.	0.	0.	0.	0.
148	G1	0.	0.	-749.778509	1.262E-09	-2.653E-10	0.
148	G2	0.	0.	-108.526498	0.019029	-0.000017	0.
148	Qm	0.	0.	-516.533452	0.062552	-0.008625	0.
148	Qs	0.	0.	-47.999998	5.875E-11	-9.776E-12	0.
148	T+	0.	0.	0.	0.	0.	3.145E-19
148	T-	0.	0.	0.	0.	0.	-3.145E-19
148	W	0.	0.	129.143884	-0.047826	0.095707	0.
148	Qm-1	0.	0.	-581.176493	0.058334	-0.008637	0.
148	Qm-2	0.	0.	-71.916599	-0.005052	-1.408E-06	0.
149	DEAD	0.	0.	0.	0.	0.	0.
149	G1	0.	0.	-749.778509	1.262E-09	-2.654E-10	0.
149	G2	0.	0.	-112.332391	0.01903	-0.000017	0.
149	Qm	0.	0.	-529.043478	0.062548	-0.008627	0.
149	Qs	0.	0.	-47.999998	5.876E-11	-9.776E-12	0.
149	T+	0.	0.	0.	0.	0.	-3.483E-19
149	T-	0.	0.	0.	0.	0.	3.483E-19
149	W	0.	0.	138.709705	-0.047832	0.095707	0.
149	Qm-1	0.	0.	-592.843043	0.058331	-0.008639	0.
149	Qm-2	0.	0.	-70.906068	-0.005053	-2.298E-06	0.
150	DEAD	0.	0.	0.	0.	0.	0.
150	G1	0.	0.	-749.778509	1.262E-09	-2.655E-10	0.
150	G2	0.	0.	-116.138563	0.019032	-0.000017	0.
150	Qm	0.	0.	-541.552729	0.062544	-0.008629	0.
150	Qs	0.	0.	-47.999998	5.878E-11	-9.777E-12	0.
150	T+	0.	0.	0.	0.	0.	3.959E-19
150	T-	0.	0.	0.	0.	0.	-3.959E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
150	W	0.	0.	148.276634	-0.047838	0.095706	0.
150	Qm-1	0.	0.	-604.508885	0.058328	-0.008642	0.
150	Qm-2	0.	0.	-69.895444	-0.005053	-2.966E-06	0.
151	DEAD	0.	0.	0.	0.	0.	0.
151	G1	0.	0.	-749.778509	1.263E-09	-2.656E-10	0.
151	G2	0.	0.	-119.945028	0.019033	-0.000017	0.
151	Qm	0.	0.	-554.06099	0.062539	-0.00863	0.
151	Qs	0.	0.	-47.999998	5.879E-11	-9.778E-12	0.
151	T+	0.	0.	0.	0.	0.	-4.066E-19
151	T-	0.	0.	0.	0.	0.	4.066E-19
151	W	0.	0.	157.844833	-0.047845	0.095706	0.
151	Qm-1	0.	0.	-616.17462	0.05833	-0.008645	0.
151	Qm-2	0.	0.	-68.884775	-0.005053	-3.473E-06	0.
152	DEAD	0.	0.	0.	0.	0.	0.
152	G1	0.	0.	-749.77851	1.263E-09	-2.656E-10	0.
152	G2	0.	0.	-123.751793	0.019035	-0.000017	0.
152	Qm	0.	0.	-566.568103	0.062533	-0.008632	0.
152	Qs	0.	0.	-47.999998	5.880E-11	-9.777E-12	0.
152	T+	0.	0.	0.	0.	0.	3.860E-19
152	T-	0.	0.	0.	0.	0.	-3.860E-19
152	W	0.	0.	167.414551	-0.047853	0.095705	0.
152	Qm-1	0.	0.	-627.840899	0.058334	-0.008648	0.
152	Qm-2	0.	0.	-67.874132	-0.005053	-3.961E-06	0.
153	DEAD	0.	0.	0.	0.	0.	0.
153	G1	0.	0.	-749.77851	1.263E-09	-2.657E-10	0.
153	G2	0.	0.	-127.558855	0.019036	-0.000018	0.
153	Qm	0.	0.	-579.073979	0.062526	-0.008634	0.
153	Qs	0.	0.	-47.999998	5.881E-11	-9.777E-12	0.
153	T+	0.	0.	0.	0.	0.	-3.499E-19
153	T-	0.	0.	0.	0.	0.	3.499E-19
153	W	0.	0.	176.986056	-0.047862	0.095704	0.
153	Qm-1	0.	0.	-639.508211	0.05834	-0.008651	0.
153	Qm-2	0.	0.	-66.863574	-0.005053	-4.476E-06	0.
154	DEAD	0.	0.	0.	0.	0.	0.
154	G1	0.	0.	-749.77851	1.263E-09	-2.658E-10	0.
154	G2	0.	0.	-131.366208	0.019037	-0.000018	0.
154	Qm	0.	0.	-591.578587	0.06252	-0.008635	0.
154	Qs	0.	0.	-47.999998	5.882E-11	-9.776E-12	0.
154	T+	0.	0.	0.	0.	0.	3.339E-19
154	T-	0.	0.	0.	0.	0.	-3.339E-19
154	W	0.	0.	186.559557	-0.047873	0.095703	0.
154	Qm-1	0.	0.	-651.176908	0.058347	-0.008653	0.
154	Qm-2	0.	0.	-65.853138	-0.005052	-5.026E-06	0.
155	DEAD	0.	0.	0.	0.	0.	0.
155	G1	0.	0.	-749.77851	1.264E-09	-2.658E-10	0.
155	G2	0.	0.	-135.173843	0.019039	-0.000018	0.
155	Qm	0.	0.	-604.081949	0.062514	-0.008637	0.
155	Qs	0.	0.	-47.999998	5.883E-11	-9.775E-12	0.
155	T+	0.	0.	0.	0.	0.	-3.291E-19
155	T-	0.	0.	0.	0.	0.	3.291E-19
155	W	0.	0.	196.135156	-0.047883	0.095703	0.
155	Qm-1	0.	0.	-662.847203	0.058356	-0.008654	0.
155	Qm-2	0.	0.	-64.842847	-0.005051	-5.617E-06	0.
156	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
156	G1	0.	0.	-749.778511	1.264E-09	-2.658E-10	0.
156	G2	0.	0.	-138.981745	0.01904	-0.000019	0.
156	Qm	0.	0.	-616.584141	0.062508	-0.008638	0.
156	Qs	0.	0.	-47.999998	5.884E-11	-9.774E-12	0.
156	T+	0.	0.	0.	0.	0.	3.026E-19
156	T-	0.	0.	0.	0.	0.	-3.026E-19
156	W	0.	0.	205.712888	-0.047894	0.095703	0.
156	Qm-1	0.	0.	-674.519178	0.058364	-0.008655	0.
156	Qm-2	0.	0.	-63.832704	-0.00505	-6.256E-06	0.
157	DEAD	0.	0.	0.	0.	0.	0.
157	G1	0.	0.	-749.778511	1.264E-09	-2.658E-10	0.
157	G2	0.	0.	-142.789887	0.019041	-0.000019	0.
157	Qm	0.	0.	-629.085283	0.062503	-0.008639	0.
157	Qs	0.	0.	-47.999998	5.885E-11	-9.773E-12	0.
157	T+	0.	0.	0.	0.	0.	-2.747E-19
157	T-	0.	0.	0.	0.	0.	2.747E-19
157	W	0.	0.	215.292795	-0.047905	0.095702	0.
157	Qm-1	0.	0.	-686.192774	0.058372	-0.008656	0.
157	Qm-2	0.	0.	-62.8227	-0.00505	-6.949E-06	0.
158	DEAD	0.	0.	0.	0.	0.	0.
158	G1	0.	0.	-749.778511	1.265E-09	-2.658E-10	0.
158	G2	0.	0.	-146.598228	0.019042	-0.00002	0.
158	Qm	0.	0.	-641.585544	0.062499	-0.008641	0.
158	Qs	0.	0.	-47.999998	5.885E-11	-9.772E-12	0.
158	T+	0.	0.	0.	0.	0.	2.549E-19
158	T-	0.	0.	0.	0.	0.	-2.549E-19
158	W	0.	0.	224.874962	-0.047917	0.095702	0.
158	Qm-1	0.	0.	-697.867791	0.058378	-0.008656	0.
158	Qm-2	0.	0.	-61.812807	-0.005049	-7.701E-06	0.
159	DEAD	0.	0.	0.	0.	0.	0.
159	G1	0.	0.	-749.778512	1.265E-09	-2.658E-10	0.
159	G2	0.	0.	-150.406711	0.019043	-0.00002	0.
159	Qm	0.	0.	-654.085136	0.062497	-0.008642	0.
159	Qs	0.	0.	-47.999998	5.886E-11	-9.769E-12	0.
159	T+	0.	0.	0.	0.	0.	-2.693E-19
159	T-	0.	0.	0.	0.	0.	2.693E-19
159	W	0.	0.	234.459479	-0.047928	0.0957	0.
159	Qm-1	0.	0.	-709.543871	0.058382	-0.008656	0.
159	Qm-2	0.	0.	-60.802979	-0.005049	-8.483E-06	0.
160	DEAD	0.	0.	0.	0.	0.	0.
160	G1	0.	0.	-749.778512	1.265E-09	-2.658E-10	0.
160	G2	0.	0.	-154.215269	0.019043	-0.000021	0.
160	Qm	0.	0.	-666.584314	0.062495	-0.008643	0.
160	Qs	0.	0.	-47.999998	5.886E-11	-9.767E-12	0.
160	T+	0.	0.	0.	0.	0.	2.511E-19
160	T-	0.	0.	0.	0.	0.	-2.511E-19
160	W	0.	0.	244.046245	-0.047939	0.095698	0.
160	Qm-1	0.	0.	-721.220481	0.058383	-0.008656	0.
160	Qm-2	0.	0.	-59.793158	-0.005049	-9.172E-06	0.
161	DEAD	0.	0.	0.	0.	0.	0.
161	G1	0.	0.	-749.778512	1.265E-09	-2.657E-10	0.
161	G2	0.	0.	-158.023834	0.019043	-0.000021	0.
161	Qm	0.	0.	-679.083365	0.062495	-0.008644	0.
161	Qs	0.	0.	-47.999998	5.886E-11	-9.766E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
161	T+	0.	0.	0.	0.	0.	-2.657E-19
161	T-	0.	0.	0.	0.	0.	2.657E-19
161	W	0.	0.	253.634742	-0.047945	0.095695	0.
161	Qm-1	0.	0.	-732.8971	0.058383	-0.008656	0.
161	Qm-2	0.	0.	-58.783307	-0.005049	-9.728E-06	0.
162	DEAD	0.	0.	0.	0.	0.	0.
162	G1	0.	0.	-749.778512	1.265E-09	-2.657E-10	0.
162	G2	0.	0.	-161.832353	0.019042	-0.000022	0.
162	Qm	0.	0.	-691.582521	0.062496	-0.008645	0.
162	Qs	0.	0.	-47.999998	5.886E-11	-9.765E-12	0.
162	T+	0.	0.	0.	0.	0.	2.548E-19
162	T-	0.	0.	0.	0.	0.	-2.548E-19
162	W	0.	0.	263.223967	-0.047946	0.095692	0.
162	Qm-1	0.	0.	-744.573867	0.058385	-0.008655	0.
162	Qm-2	0.	0.	-57.773428	-0.005049	-0.00001	0.
163	DEAD	0.	0.	0.	0.	0.	0.
163	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
163	G2	0.	0.	-66.669017	0.019024	-0.000017	0.
163	Qm	0.	0.	-377.171584	0.062567	-0.008617	0.
163	Qs	0.	0.	-47.999998	5.868E-11	-9.749E-12	0.
163	T+	0.	0.	0.	0.	0.	1.414E-19
163	T-	0.	0.	0.	0.	0.	-1.414E-19
163	W	0.	0.	4.816981	-0.047812	0.095692	0.
163	Qm-1	0.	0.	-451.095465	0.058345	-0.008629	0.
163	Qm-2	0.	0.	-83.026758	-0.005048	5.170E-06	0.
164	DEAD	0.	0.	0.	0.	0.	0.
164	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
164	G2	0.	0.	-70.473724	0.019023	-0.000016	0.
164	Qm	0.	0.	-389.685065	0.062568	-0.008618	0.
164	Qs	0.	0.	-47.999998	5.868E-11	-9.751E-12	0.
164	T+	0.	0.	0.	0.	0.	-1.535E-19
164	T-	0.	0.	0.	0.	0.	1.535E-19
164	W	0.	0.	14.379272	-0.047811	0.095694	0.
164	Qm-1	0.	0.	-462.764515	0.058346	-0.008629	0.
164	Qm-2	0.	0.	-82.017105	-0.005048	4.890E-06	0.
165	DEAD	0.	0.	0.	0.	0.	0.
165	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
165	G2	0.	0.	-74.278381	0.019023	-0.000016	0.
165	Qm	0.	0.	-402.198733	0.062569	-0.008618	0.
165	Qs	0.	0.	-47.999998	5.868E-11	-9.753E-12	0.
165	T+	0.	0.	0.	0.	0.	1.501E-19
165	T-	0.	0.	0.	0.	0.	-1.501E-19
165	W	0.	0.	23.941274	-0.047809	0.095695	0.
165	Qm-1	0.	0.	-474.433813	0.058347	-0.00863	0.
165	Qm-2	0.	0.	-81.007452	-0.005048	4.599E-06	0.
166	DEAD	0.	0.	0.	0.	0.	0.
166	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
166	G2	0.	0.	-78.083017	0.019023	-0.000016	0.
166	Qm	0.	0.	-414.712501	0.062569	-0.008618	0.
166	Qs	0.	0.	-47.999998	5.868E-11	-9.755E-12	0.
166	T+	0.	0.	0.	0.	0.	-2.338E-19
166	T-	0.	0.	0.	0.	0.	2.338E-19
166	W	0.	0.	33.503059	-0.047808	0.095696	0.
166	Qm-1	0.	0.	-486.103253	0.058347	-0.00863	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
166	Qm-2	0.	0.	-79.997782	-0.005048	4.272E-06	0.
167	DEAD	0.	0.	0.	0.	0.	0.
167	G1	0.	0.	-749.778507	1.261E-09	-2.647E-10	0.
167	G2	0.	0.	-81.887666	0.019023	-0.000015	0.
167	Qm	0.	0.	-427.226199	0.062568	-0.008618	0.
167	Qs	0.	0.	-47.999998	5.869E-11	-9.757E-12	0.
167	T+	0.	0.	0.	0.	0.	3.305E-19
167	T-	0.	0.	0.	0.	0.	-3.305E-19
167	W	0.	0.	43.064695	-0.047808	0.095696	0.
167	Qm-1	0.	0.	-497.772634	0.058346	-0.00863	0.
167	Qm-2	0.	0.	-78.988046	-0.005049	3.882E-06	0.
168	DEAD	0.	0.	0.	0.	0.	0.
168	G1	0.	0.	-749.778507	1.261E-09	-2.648E-10	0.
168	G2	0.	0.	-85.692365	0.019024	-0.000015	0.
168	Qm	0.	0.	-439.739591	0.062566	-0.008618	0.
168	Qs	0.	0.	-47.999998	5.869E-11	-9.760E-12	0.
168	T+	0.	0.	0.	0.	0.	-3.300E-19
168	T-	0.	0.	0.	0.	0.	3.300E-19
168	W	0.	0.	52.626268	-0.047808	0.095697	0.
168	Qm-1	0.	0.	-509.441736	0.058345	-0.008631	0.
168	Qm-2	0.	0.	-77.978155	-0.00505	3.409E-06	0.
169	DEAD	0.	0.	0.	0.	0.	0.
169	G1	0.	0.	-749.778507	1.262E-09	-2.649E-10	0.
169	G2	0.	0.	-89.497147	0.019024	-0.000015	0.
169	Qm	0.	0.	-452.25246	0.062563	-0.008619	0.
169	Qs	0.	0.	-47.999998	5.870E-11	-9.762E-12	0.
169	T+	0.	0.	0.	0.	0.	3.159E-19
169	T-	0.	0.	0.	0.	0.	-3.159E-19
169	W	0.	0.	62.187903	-0.047809	0.095697	0.
169	Qm-1	0.	0.	-521.110567	0.058343	-0.008632	0.
169	Qm-2	0.	0.	-76.968162	-0.00505	2.839E-06	0.
170	DEAD	0.	0.	0.	0.	0.	0.
170	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
170	G2	0.	0.	-93.302043	0.019025	-0.000015	0.
170	Qm	0.	0.	-464.764686	0.062559	-0.00862	0.
170	Qs	0.	0.	-47.999998	5.871E-11	-9.764E-12	0.
170	T+	0.	0.	0.	0.	0.	-3.194E-19
170	T-	0.	0.	0.	0.	0.	3.194E-19
170	W	0.	0.	71.749769	-0.04781	0.095697	0.
170	Qm-1	0.	0.	-532.779111	0.058342	-0.008634	0.
170	Qm-2	0.	0.	-75.958077	-0.005051	2.164E-06	0.
171	DEAD	0.	0.	0.	0.	0.	0.
171	G1	0.	0.	-749.778508	1.262E-09	-2.650E-10	0.
171	G2	0.	0.	-97.107081	0.019026	-0.000015	0.
171	Qm	0.	0.	-477.276269	0.062556	-0.008623	0.
171	Qs	0.	0.	-47.999998	5.872E-11	-9.766E-12	0.
171	T+	0.	0.	0.	0.	0.	2.958E-19
171	T-	0.	0.	0.	0.	0.	-2.958E-19
171	W	0.	0.	81.312072	-0.047813	0.095697	0.
171	Qm-1	0.	0.	-544.447249	0.058339	-0.008635	0.
171	Qm-2	0.	0.	-74.947871	-0.005052	1.388E-06	0.
172	DEAD	0.	0.	0.	0.	0.	0.
172	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
172	G2	0.	0.	-100.912288	0.019027	-0.000015	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
172	Qm	0.	0.	-489.787301	0.062554	-0.008625	0.
172	Qs	0.	0.	-47.999998	5.873E-11	-9.767E-12	0.
172	T+	0.	0.	0.	0.	0.	-2.856E-19
172	T-	0.	0.	0.	0.	0.	2.856E-19
172	W	0.	0.	90.875021	-0.047817	0.095697	0.
172	Qm-1	0.	0.	-556.114829	0.058337	-0.008638	0.
172	Qm-2	0.	0.	-73.937471	-0.005052	5.239E-07	0.
173	DEAD	0.	0.	0.	0.	0.	0.
173	G1	0.	0.	-749.778508	1.262E-09	-2.652E-10	0.
173	G2	0.	0.	-104.717691	0.019028	-0.000015	0.
173	Qm	0.	0.	-502.29788	0.062552	-0.008628	0.
173	Qs	0.	0.	-47.999998	5.874E-11	-9.768E-12	0.
173	T+	0.	0.	0.	0.	0.	2.714E-19
173	T-	0.	0.	0.	0.	0.	-2.714E-19
173	W	0.	0.	100.438797	-0.047821	0.095697	0.
173	Qm-1	0.	0.	-567.781907	0.058334	-0.008641	0.
173	Qm-2	0.	0.	-72.926946	-0.005053	-3.937E-07	0.
174	DEAD	0.	0.	0.	0.	0.	0.
174	G1	0.	0.	-749.778509	1.262E-09	-2.653E-10	0.
174	G2	0.	0.	-108.523316	0.019029	-0.000015	0.
174	Qm	0.	0.	-514.808017	0.062549	-0.00863	0.
174	Qs	0.	0.	-47.999998	5.875E-11	-9.769E-12	0.
174	T+	0.	0.	0.	0.	0.	-2.908E-19
174	T-	0.	0.	0.	0.	0.	2.908E-19
174	W	0.	0.	110.003533	-0.047826	0.095697	0.
174	Qm-1	0.	0.	-579.448492	0.058332	-0.008644	0.
174	Qm-2	0.	0.	-71.916327	-0.005053	-1.296E-06	0.
175	DEAD	0.	0.	0.	0.	0.	0.
175	G1	0.	0.	-749.778509	1.262E-09	-2.655E-10	0.
175	G2	0.	0.	-112.329189	0.01903	-0.000015	0.
175	Qm	0.	0.	-527.317615	0.062546	-0.008632	0.
175	Qs	0.	0.	-47.999998	5.876E-11	-9.770E-12	0.
175	T+	0.	0.	0.	0.	0.	3.470E-19
175	T-	0.	0.	0.	0.	0.	-3.470E-19
175	W	0.	0.	119.569338	-0.047832	0.095697	0.
175	Qm-1	0.	0.	-591.114443	0.058328	-0.008647	0.
175	Qm-2	0.	0.	-70.905626	-0.005054	-2.100E-06	0.
176	DEAD	0.	0.	0.	0.	0.	0.
176	G1	0.	0.	-749.778509	1.262E-09	-2.655E-10	0.
176	G2	0.	0.	-116.135331	0.019031	-0.000015	0.
176	Qm	0.	0.	-539.826472	0.062542	-0.008634	0.
176	Qs	0.	0.	-47.999998	5.878E-11	-9.771E-12	0.
176	T+	0.	0.	0.	0.	0.	-3.481E-19
176	T-	0.	0.	0.	0.	0.	3.481E-19
176	W	0.	0.	129.13633	-0.047838	0.095697	0.
176	Qm-1	0.	0.	-602.779683	0.058325	-0.00865	0.
176	Qm-2	0.	0.	-69.894868	-0.005054	-2.762E-06	0.
177	DEAD	0.	0.	0.	0.	0.	0.
177	G1	0.	0.	-749.778509	1.263E-09	-2.656E-10	0.
177	G2	0.	0.	-119.941755	0.019033	-0.000016	0.
177	Qm	0.	0.	-552.334367	0.062537	-0.008636	0.
177	Qs	0.	0.	-47.999998	5.879E-11	-9.771E-12	0.
177	T+	0.	0.	0.	0.	0.	3.432E-19
177	T-	0.	0.	0.	0.	0.	-3.432E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
177	W	0.	0.	138.704674	-0.047845	0.095696	0.
177	Qm-1	0.	0.	-614.444831	0.058327	-0.008653	0.
177	Qm-2	0.	0.	-68.884093	-0.005054	-3.308E-06	0.
178	DEAD	0.	0.	0.	0.	0.	0.
178	G1	0.	0.	-749.77851	1.263E-09	-2.657E-10	0.
178	G2	0.	0.	-123.748471	0.019034	-0.000016	0.
178	Qm	0.	0.	-564.841138	0.062531	-0.008638	0.
178	Qs	0.	0.	-47.999998	5.880E-11	-9.771E-12	0.
178	T+	0.	0.	0.	0.	0.	-3.528E-19
178	T-	0.	0.	0.	0.	0.	3.528E-19
178	W	0.	0.	148.27457	-0.047854	0.095696	0.
178	Qm-1	0.	0.	-626.110561	0.058331	-0.008656	0.
178	Qm-2	0.	0.	-67.873352	-0.005054	-3.803E-06	0.
179	DEAD	0.	0.	0.	0.	0.	0.
179	G1	0.	0.	-749.77851	1.263E-09	-2.658E-10	0.
179	G2	0.	0.	-127.555478	0.019036	-0.000016	0.
179	Qm	0.	0.	-577.346688	0.062525	-0.00864	0.
179	Qs	0.	0.	-47.999998	5.881E-11	-9.771E-12	0.
179	T+	0.	0.	0.	0.	0.	3.327E-19
179	T-	0.	0.	0.	0.	0.	-3.327E-19
179	W	0.	0.	157.846228	-0.047863	0.095695	0.
179	Qm-1	0.	0.	-637.777389	0.058338	-0.008658	0.
179	Qm-2	0.	0.	-66.862693	-0.005053	-4.301E-06	0.
180	DEAD	0.	0.	0.	0.	0.	0.
180	G1	0.	0.	-749.77851	1.263E-09	-2.658E-10	0.
180	G2	0.	0.	-131.362772	0.019037	-0.000016	0.
180	Qm	0.	0.	-589.850983	0.062518	-0.008641	0.
180	Qs	0.	0.	-47.999998	5.882E-11	-9.770E-12	0.
180	T+	0.	0.	0.	0.	0.	-3.362E-19
180	T-	0.	0.	0.	0.	0.	3.362E-19
180	W	0.	0.	167.419821	-0.047873	0.095694	0.
180	Qm-1	0.	0.	-649.445682	0.058346	-0.00866	0.
180	Qm-2	0.	0.	-65.852149	-0.005052	-4.831E-06	0.
181	DEAD	0.	0.	0.	0.	0.	0.
181	G1	0.	0.	-749.77851	1.264E-09	-2.659E-10	0.
181	G2	0.	0.	-135.170343	0.019039	-0.000017	0.
181	Qm	0.	0.	-602.354045	0.062512	-0.008643	0.
181	Qs	0.	0.	-47.999998	5.883E-11	-9.769E-12	0.
181	T+	0.	0.	0.	0.	0.	3.163E-19
181	T-	0.	0.	0.	0.	0.	-3.163E-19
181	W	0.	0.	176.995465	-0.047883	0.095694	0.
181	Qm-1	0.	0.	-661.115661	0.058354	-0.008662	0.
181	Qm-2	0.	0.	-64.841741	-0.005052	-5.404E-06	0.
182	DEAD	0.	0.	0.	0.	0.	0.
182	G1	0.	0.	-749.778511	1.264E-09	-2.659E-10	0.
182	G2	0.	0.	-138.978173	0.01904	-0.000017	0.
182	Qm	0.	0.	-614.855948	0.062507	-0.008644	0.
182	Qs	0.	0.	-47.999998	5.884E-11	-9.768E-12	0.
182	T+	0.	0.	0.	0.	0.	-2.990E-19
182	T-	0.	0.	0.	0.	0.	2.990E-19
182	W	0.	0.	186.573235	-0.047894	0.095694	0.
182	Qm-1	0.	0.	-672.787409	0.058363	-0.008663	0.
182	Qm-2	0.	0.	-63.831472	-0.005051	-6.026E-06	0.
183	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
183	G1	0.	0.	-749.778511	1.264E-09	-2.659E-10	0.
183	G2	0.	0.	-142.786234	0.019041	-0.000017	0.
183	Qm	0.	0.	-627.356813	0.062502	-0.008646	0.
183	Qs	0.	0.	-47.999998	5.885E-11	-9.767E-12	0.
183	T+	0.	0.	0.	0.	0.	2.906E-19
183	T-	0.	0.	0.	0.	0.	-2.906E-19
183	W	0.	0.	196.153197	-0.047905	0.095694	0.
183	Qm-1	0.	0.	-684.460862	0.058371	-0.008664	0.
183	Qm-2	0.	0.	-62.82133	-0.00505	-6.701E-06	0.
184	DEAD	0.	0.	0.	0.	0.	0.
184	G1	0.	0.	-749.778511	1.265E-09	-2.659E-10	0.
184	G2	0.	0.	-146.594488	0.019042	-0.000018	0.
184	Qm	0.	0.	-639.856813	0.062498	-0.008647	0.
184	Qs	0.	0.	-47.999998	5.885E-11	-9.766E-12	0.
184	T+	0.	0.	0.	0.	0.	-2.787E-19
184	T-	0.	0.	0.	0.	0.	2.787E-19
184	W	0.	0.	205.735441	-0.047917	0.095694	0.
184	Qm-1	0.	0.	-696.135805	0.058378	-0.008664	0.
184	Qm-2	0.	0.	-61.81129	-0.00505	-7.414E-06	0.
185	DEAD	0.	0.	0.	0.	0.	0.
185	G1	0.	0.	-749.778511	1.265E-09	-2.659E-10	0.
185	G2	0.	0.	-150.40288	0.019042	-0.000018	0.
185	Qm	0.	0.	-652.356162	0.062496	-0.008648	0.
185	Qs	0.	0.	-47.999998	5.886E-11	-9.765E-12	0.
185	T+	0.	0.	0.	0.	0.	2.980E-19
185	T-	0.	0.	0.	0.	0.	-2.980E-19
185	W	0.	0.	215.320109	-0.04793	0.095693	0.
185	Qm-1	0.	0.	-707.811862	0.058382	-0.008664	0.
185	Qm-2	0.	0.	-60.801313	-0.00505	-8.127E-06	0.
186	DEAD	0.	0.	0.	0.	0.	0.
186	G1	0.	0.	-749.778512	1.265E-09	-2.659E-10	0.
186	G2	0.	0.	-154.211346	0.019042	-0.000019	0.
186	Qm	0.	0.	-664.855126	0.062494	-0.008649	0.
186	Qs	0.	0.	-47.999998	5.886E-11	-9.763E-12	0.
186	T+	0.	0.	0.	0.	0.	-3.034E-19
186	T-	0.	0.	0.	0.	0.	3.034E-19
186	W	0.	0.	224.907323	-0.047942	0.095691	0.
186	Qm-1	0.	0.	-719.488481	0.058383	-0.008664	0.
186	Qm-2	0.	0.	-59.791356	-0.00505	-8.786E-06	0.
187	DEAD	0.	0.	0.	0.	0.	0.
187	G1	0.	0.	-749.778512	1.265E-09	-2.659E-10	0.
187	G2	0.	0.	-158.019815	0.019042	-0.000019	0.
187	Qm	0.	0.	-677.353999	0.062495	-0.00865	0.
187	Qs	0.	0.	-47.999998	5.886E-11	-9.762E-12	0.
187	T+	0.	0.	0.	0.	0.	2.864E-19
187	T-	0.	0.	0.	0.	0.	-2.864E-19
187	W	0.	0.	234.496661	-0.047952	0.095686	0.
187	Qm-1	0.	0.	-731.165137	0.058384	-0.008664	0.
187	Qm-2	0.	0.	-58.781389	-0.00505	-9.380E-06	0.
188	DEAD	0.	0.	0.	0.	0.	0.
188	G1	0.	0.	-749.778512	1.265E-09	-2.658E-10	0.
188	G2	0.	0.	-161.828227	0.019042	-0.000019	0.
188	Qm	0.	0.	-689.85302	0.062496	-0.008651	0.
188	Qs	0.	0.	-47.999998	5.886E-11	-9.760E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
188	T+	0.	0.	0.	0.	0.	-3.011E-19
188	T-	0.	0.	0.	0.	0.	3.011E-19
188	W	0.	0.	244.087021	-0.047952	0.095678	0.
188	Qm-1	0.	0.	-742.841974	0.058385	-0.008664	0.
188	Qm-2	0.	0.	-57.7714	-0.00505	-9.960E-06	0.
189	DEAD	0.	0.	0.	0.	0.	0.
189	G1	0.	0.	-749.778506	1.261E-09	-2.646E-10	0.
189	G2	0.	0.	-66.665865	0.019024	-0.000015	0.
189	Qm	0.	0.	-375.447544	0.062566	-0.008623	0.
189	Qs	0.	0.	-47.999998	5.867E-11	-9.741E-12	0.
189	T+	0.	0.	0.	0.	0.	-1.746E-19
189	T-	0.	0.	0.	0.	0.	1.746E-19
189	W	0.	0.	-14.320615	-0.047811	0.095684	0.
189	Qm-1	0.	0.	-449.368956	0.058344	-0.008637	0.
189	Qm-2	0.	0.	-83.027775	-0.005049	4.990E-06	0.
190	DEAD	0.	0.	0.	0.	0.	0.
190	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
190	G2	0.	0.	-70.470652	0.019024	-0.000014	0.
190	Qm	0.	0.	-387.960918	0.062568	-0.008624	0.
190	Qs	0.	0.	-47.999998	5.867E-11	-9.743E-12	0.
190	T+	0.	0.	0.	0.	0.	1.892E-19
190	T-	0.	0.	0.	0.	0.	-1.892E-19
190	W	0.	0.	-4.758588	-0.047809	0.095685	0.
190	Qm-1	0.	0.	-461.037852	0.058345	-0.008638	0.
190	Qm-2	0.	0.	-82.018064	-0.005049	4.695E-06	0.
191	DEAD	0.	0.	0.	0.	0.	0.
191	G1	0.	0.	-749.778506	1.261E-09	-2.647E-10	0.
191	G2	0.	0.	-74.275378	0.019024	-0.000014	0.
191	Qm	0.	0.	-400.474541	0.062569	-0.008624	0.
191	Qs	0.	0.	-47.999998	5.867E-11	-9.745E-12	0.
191	T+	0.	0.	0.	0.	0.	-2.072E-19
191	T-	0.	0.	0.	0.	0.	2.072E-19
191	W	0.	0.	4.803187	-0.047808	0.095686	0.
191	Qm-1	0.	0.	-472.70707	0.058347	-0.008638	0.
191	Qm-2	0.	0.	-81.008349	-0.005049	4.368E-06	0.
192	DEAD	0.	0.	0.	0.	0.	0.
192	G1	0.	0.	-749.778507	1.261E-09	-2.648E-10	0.
192	G2	0.	0.	-78.080073	0.019023	-0.000014	0.
192	Qm	0.	0.	-412.988307	0.062569	-0.008624	0.
192	Qs	0.	0.	-47.999998	5.868E-11	-9.747E-12	0.
192	T+	0.	0.	0.	0.	0.	2.880E-19
192	T-	0.	0.	0.	0.	0.	-2.880E-19
192	W	0.	0.	14.364778	-0.047808	0.095687	0.
192	Qm-1	0.	0.	-484.376473	0.058347	-0.008638	0.
192	Qm-2	0.	0.	-79.998602	-0.005049	3.958E-06	0.
193	DEAD	0.	0.	0.	0.	0.	0.
193	G1	0.	0.	-749.778507	1.261E-09	-2.648E-10	0.
193	G2	0.	0.	-81.88477	0.019024	-0.000014	0.
193	Qm	0.	0.	-425.50201	0.062568	-0.008624	0.
193	Qs	0.	0.	-47.999998	5.868E-11	-9.750E-12	0.
193	T+	0.	0.	0.	0.	0.	-3.994E-19
193	T-	0.	0.	0.	0.	0.	3.994E-19
193	W	0.	0.	23.926263	-0.047807	0.095688	0.
193	Qm-1	0.	0.	-496.045793	0.058346	-0.008639	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
193	Qm-2	0.	0.	-78.98877	-0.005049	3.475E-06	0.
194	DEAD	0.	0.	0.	0.	0.	0.
194	G1	0.	0.	-749.778507	1.261E-09	-2.649E-10	0.
194	G2	0.	0.	-85.689505	0.019024	-0.000013	0.
194	Qm	0.	0.	-438.015348	0.062565	-0.008625	0.
194	Qs	0.	0.	-47.999998	5.869E-11	-9.753E-12	0.
194	T+	0.	0.	0.	0.	0.	3.757E-19
194	T-	0.	0.	0.	0.	0.	-3.757E-19
194	W	0.	0.	33.487739	-0.047808	0.095689	0.
194	Qm-1	0.	0.	-507.714708	0.058344	-0.00864	0.
194	Qm-2	0.	0.	-77.978803	-0.00505	3.106E-06	0.
195	DEAD	0.	0.	0.	0.	0.	0.
195	G1	0.	0.	-749.778507	1.261E-09	-2.650E-10	0.
195	G2	0.	0.	-89.494311	0.019024	-0.000013	0.
195	Qm	0.	0.	-450.528045	0.062562	-0.008626	0.
195	Qs	0.	0.	-47.999998	5.870E-11	-9.755E-12	0.
195	T+	0.	0.	0.	0.	0.	-3.587E-19
195	T-	0.	0.	0.	0.	0.	3.587E-19
195	W	0.	0.	43.049331	-0.047808	0.095689	0.
195	Qm-1	0.	0.	-519.383293	0.058342	-0.008641	0.
195	Qm-2	0.	0.	-76.968706	-0.005051	2.613E-06	0.
196	DEAD	0.	0.	0.	0.	0.	0.
196	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
196	G2	0.	0.	-93.29922	0.019025	-0.000013	0.
196	Qm	0.	0.	-463.039962	0.062558	-0.008627	0.
196	Qs	0.	0.	-47.999998	5.871E-11	-9.757E-12	0.
196	T+	0.	0.	0.	0.	0.	3.402E-19
196	T-	0.	0.	0.	0.	0.	-3.402E-19
196	W	0.	0.	52.611195	-0.04781	0.095689	0.
196	Qm-1	0.	0.	-531.051557	0.05834	-0.008642	0.
196	Qm-2	0.	0.	-75.958483	-0.005051	1.932E-06	0.
197	DEAD	0.	0.	0.	0.	0.	0.
197	G1	0.	0.	-749.778508	1.262E-09	-2.651E-10	0.
197	G2	0.	0.	-97.104262	0.019026	-0.000013	0.
197	Qm	0.	0.	-475.551113	0.062554	-0.008629	0.
197	Qs	0.	0.	-47.999998	5.872E-11	-9.759E-12	0.
197	T+	0.	0.	0.	0.	0.	-3.493E-19
197	T-	0.	0.	0.	0.	0.	3.493E-19
197	W	0.	0.	62.173513	-0.047813	0.095689	0.
197	Qm-1	0.	0.	-542.719339	0.058337	-0.008644	0.
197	Qm-2	0.	0.	-74.948109	-0.005052	1.127E-06	0.
198	DEAD	0.	0.	0.	0.	0.	0.
198	G1	0.	0.	-749.778508	1.262E-09	-2.652E-10	0.
198	G2	0.	0.	-100.909468	0.019026	-0.000013	0.
198	Qm	0.	0.	-488.061645	0.062551	-0.008632	0.
198	Qs	0.	0.	-47.999998	5.873E-11	-9.760E-12	0.
198	T+	0.	0.	0.	0.	0.	3.020E-19
198	T-	0.	0.	0.	0.	0.	-3.020E-19
198	W	0.	0.	71.736467	-0.047817	0.095689	0.
198	Qm-1	0.	0.	-554.386404	0.058334	-0.008647	0.
198	Qm-2	0.	0.	-73.937562	-0.005053	4.425E-07	0.
199	DEAD	0.	0.	0.	0.	0.	0.
199	G1	0.	0.	-749.778508	1.262E-09	-2.653E-10	0.
199	G2	0.	0.	-104.714863	0.019027	-0.000013	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
199	Qm	0.	0.	-500.571716	0.062549	-0.008634	0.
199	Qs	0.	0.	-47.999998	5.874E-11	-9.761E-12	0.
199	T+	0.	0.	0.	0.	0.	-3.043E-19
199	T-	0.	0.	0.	0.	0.	3.043E-19
199	W	0.	0.	81.300228	-0.047821	0.095689	0.
199	Qm-1	0.	0.	-566.052894	0.058331	-0.00865	0.
199	Qm-2	0.	0.	-72.926875	-0.005054	-2.917E-07	0.
200	DEAD	0.	0.	0.	0.	0.	0.
200	G1	0.	0.	-749.778509	1.262E-09	-2.654E-10	0.
200	G2	0.	0.	-108.520476	0.019029	-0.000013	0.
200	Qm	0.	0.	-513.081365	0.062547	-0.008637	0.
200	Qs	0.	0.	-47.999998	5.875E-11	-9.762E-12	0.
200	T+	0.	0.	0.	0.	0.	3.029E-19
200	T-	0.	0.	0.	0.	0.	-3.029E-19
200	W	0.	0.	90.864945	-0.047826	0.095689	0.
200	Qm-1	0.	0.	-577.718866	0.058328	-0.008653	0.
200	Qm-2	0.	0.	-71.91609	-0.005054	-1.057E-06	0.
201	DEAD	0.	0.	0.	0.	0.	0.
201	G1	0.	0.	-749.778509	1.262E-09	-2.656E-10	0.
201	G2	0.	0.	-112.326329	0.01903	-0.000013	0.
201	Qm	0.	0.	-525.590508	0.062544	-0.008639	0.
201	Qs	0.	0.	-47.999998	5.876E-11	-9.763E-12	0.
201	T+	0.	0.	0.	0.	0.	-3.301E-19
201	T-	0.	0.	0.	0.	0.	3.301E-19
201	W	0.	0.	100.430756	-0.047832	0.095689	0.
201	Qm-1	0.	0.	-589.384203	0.058325	-0.008656	0.
201	Qm-2	0.	0.	-70.905237	-0.005054	-1.775E-06	0.
202	DEAD	0.	0.	0.	0.	0.	0.
202	G1	0.	0.	-749.778509	1.262E-09	-2.656E-10	0.
202	G2	0.	0.	-116.132443	0.019031	-0.000013	0.
202	Qm	0.	0.	-538.098945	0.06254	-0.008641	0.
202	Qs	0.	0.	-47.999998	5.877E-11	-9.763E-12	0.
202	T+	0.	0.	0.	0.	0.	3.557E-19
202	T-	0.	0.	0.	0.	0.	-3.557E-19
202	W	0.	0.	109.997803	-0.047839	0.095689	0.
202	Qm-1	0.	0.	-601.048838	0.058322	-0.008659	0.
202	Qm-2	0.	0.	-69.894349	-0.005054	-2.408E-06	0.
203	DEAD	0.	0.	0.	0.	0.	0.
203	G1	0.	0.	-749.778509	1.262E-09	-2.657E-10	0.
203	G2	0.	0.	-119.938832	0.019033	-0.000014	0.
203	Qm	0.	0.	-550.606452	0.062535	-0.008643	0.
203	Qs	0.	0.	-47.999998	5.879E-11	-9.763E-12	0.
203	T+	0.	0.	0.	0.	0.	-3.393E-19
203	T-	0.	0.	0.	0.	0.	3.393E-19
203	W	0.	0.	119.566248	-0.047846	0.095688	0.
203	Qm-1	0.	0.	-612.713407	0.058324	-0.008662	0.
203	Qm-2	0.	0.	-68.883464	-0.005054	-2.958E-06	0.
204	DEAD	0.	0.	0.	0.	0.	0.
204	G1	0.	0.	-749.77851	1.263E-09	-2.658E-10	0.
204	G2	0.	0.	-123.745505	0.019034	-0.000014	0.
204	Qm	0.	0.	-563.112861	0.062529	-0.008645	0.
204	Qs	0.	0.	-47.999998	5.880E-11	-9.763E-12	0.
204	T+	0.	0.	0.	0.	0.	3.369E-19
204	T-	0.	0.	0.	0.	0.	-3.369E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
204	W	0.	0.	129.136266	-0.047854	0.095688	0.
204	Qm-1	0.	0.	-624.378601	0.058328	-0.008664	0.
204	Qm-2	0.	0.	-67.872623	-0.005054	-3.458E-06	0.
205	DEAD	0.	0.	0.	0.	0.	0.
205	G1	0.	0.	-749.77851	1.263E-09	-2.659E-10	0.
205	G2	0.	0.	-127.552464	0.019036	-0.000014	0.
205	Qm	0.	0.	-575.618071	0.062523	-0.008647	0.
205	Qs	0.	0.	-47.999998	5.881E-11	-9.763E-12	0.
205	T+	0.	0.	0.	0.	0.	-3.426E-19
205	T-	0.	0.	0.	0.	0.	3.426E-19
205	W	0.	0.	138.708036	-0.047863	0.095687	0.
205	Qm-1	0.	0.	-636.044951	0.058335	-0.008667	0.
205	Qm-2	0.	0.	-66.861865	-0.005054	-3.946E-06	0.
206	DEAD	0.	0.	0.	0.	0.	0.
206	G1	0.	0.	-749.77851	1.263E-09	-2.659E-10	0.
206	G2	0.	0.	-131.359704	0.019037	-0.000014	0.
206	Qm	0.	0.	-588.122045	0.062517	-0.008648	0.
206	Qs	0.	0.	-47.999998	5.882E-11	-9.763E-12	0.
206	T+	0.	0.	0.	0.	0.	2.907E-19
206	T-	0.	0.	0.	0.	0.	-2.907E-19
206	W	0.	0.	148.281711	-0.047873	0.095687	0.
206	Qm-1	0.	0.	-647.712837	0.058344	-0.008669	0.
206	Qm-2	0.	0.	-65.851218	-0.005053	-4.452E-06	0.
207	DEAD	0.	0.	0.	0.	0.	0.
207	G1	0.	0.	-749.77851	1.264E-09	-2.660E-10	0.
207	G2	0.	0.	-135.167216	0.019038	-0.000015	0.
207	Qm	0.	0.	-600.624802	0.062511	-0.00865	0.
207	Qs	0.	0.	-47.999998	5.883E-11	-9.762E-12	0.
207	T+	0.	0.	0.	0.	0.	-3.079E-19
207	T-	0.	0.	0.	0.	0.	3.079E-19
207	W	0.	0.	157.857408	-0.047884	0.095687	0.
207	Qm-1	0.	0.	-659.382489	0.058353	-0.00867	0.
207	Qm-2	0.	0.	-64.840698	-0.005052	-4.992E-06	0.
208	DEAD	0.	0.	0.	0.	0.	0.
208	G1	0.	0.	-749.778511	1.264E-09	-2.660E-10	0.
208	G2	0.	0.	-138.974981	0.019039	-0.000015	0.
208	Qm	0.	0.	-613.126413	0.062505	-0.008651	0.
208	Qs	0.	0.	-47.999998	5.884E-11	-9.761E-12	0.
208	T+	0.	0.	0.	0.	0.	3.173E-19
208	T-	0.	0.	0.	0.	0.	-3.173E-19
208	W	0.	0.	167.435217	-0.047894	0.095686	0.
208	Qm-1	0.	0.	-671.053987	0.058362	-0.008672	0.
208	Qm-2	0.	0.	-63.830309	-0.005052	-5.572E-06	0.
209	DEAD	0.	0.	0.	0.	0.	0.
209	G1	0.	0.	-749.778511	1.264E-09	-2.660E-10	0.
209	G2	0.	0.	-142.782971	0.01904	-0.000015	0.
209	Qm	0.	0.	-625.627004	0.062501	-0.008653	0.
209	Qs	0.	0.	-47.999998	5.885E-11	-9.761E-12	0.
209	T+	0.	0.	0.	0.	0.	-3.404E-19
209	T-	0.	0.	0.	0.	0.	3.404E-19
209	W	0.	0.	177.015211	-0.047906	0.095686	0.
209	Qm-1	0.	0.	-682.727263	0.058371	-0.008673	0.
209	Qm-2	0.	0.	-62.820037	-0.005051	-6.189E-06	0.
210	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
210	G1	0.	0.	-749.778511	1.265E-09	-2.660E-10	0.
210	G2	0.	0.	-146.591149	0.019041	-0.000016	0.
210	Qm	0.	0.	-638.126745	0.062497	-0.008654	0.
210	Qs	0.	0.	-47.999998	5.886E-11	-9.760E-12	0.
210	T+	0.	0.	0.	0.	0.	3.434E-19
210	T-	0.	0.	0.	0.	0.	-3.434E-19
210	W	0.	0.	186.597472	-0.047917	0.095686	0.
210	Qm-1	0.	0.	-694.40209	0.058377	-0.008673	0.
210	Qm-2	0.	0.	-61.809861	-0.005051	-6.830E-06	0.
211	DEAD	0.	0.	0.	0.	0.	0.
211	G1	0.	0.	-749.778511	1.265E-09	-2.660E-10	0.
211	G2	0.	0.	-150.399467	0.019042	-0.000016	0.
211	Qm	0.	0.	-650.625859	0.062494	-0.008655	0.
211	Qs	0.	0.	-47.999998	5.886E-11	-9.759E-12	0.
211	T+	0.	0.	0.	0.	0.	-3.448E-19
211	T-	0.	0.	0.	0.	0.	3.448E-19
211	W	0.	0.	196.182127	-0.04793	0.095686	0.
211	Qm-1	0.	0.	-706.078081	0.058382	-0.008674	0.
211	Qm-2	0.	0.	-60.799749	-0.00505	-7.465E-06	0.
212	DEAD	0.	0.	0.	0.	0.	0.
212	G1	0.	0.	-749.778512	1.265E-09	-2.660E-10	0.
212	G2	0.	0.	-154.207863	0.019042	-0.000016	0.
212	Qm	0.	0.	-663.124615	0.062493	-0.008656	0.
212	Qs	0.	0.	-47.999998	5.886E-11	-9.758E-12	0.
212	T+	0.	0.	0.	0.	0.	3.498E-19
212	T-	0.	0.	0.	0.	0.	-3.498E-19
212	W	0.	0.	205.769596	-0.047947	0.095687	0.
212	Qm-1	0.	0.	-717.75467	0.058383	-0.008674	0.
212	Qm-2	0.	0.	-59.789665	-0.00505	-8.071E-06	0.
213	DEAD	0.	0.	0.	0.	0.	0.
213	G1	0.	0.	-749.778512	1.265E-09	-2.660E-10	0.
213	G2	0.	0.	-158.016255	0.019042	-0.000017	0.
213	Qm	0.	0.	-675.623312	0.062494	-0.008657	0.
213	Qs	0.	0.	-47.999998	5.886E-11	-9.757E-12	0.
213	T+	0.	0.	0.	0.	0.	-3.501E-19
213	T-	0.	0.	0.	0.	0.	3.501E-19
213	W	0.	0.	215.360263	-0.047953	0.095679	0.
213	Qm-1	0.	0.	-729.431327	0.058384	-0.008674	0.
213	Qm-2	0.	0.	-58.779581	-0.00505	-8.646E-06	0.
214	DEAD	0.	0.	0.	0.	0.	0.
214	G1	0.	0.	-749.778512	1.265E-09	-2.660E-10	0.
214	G2	0.	0.	-161.824569	0.019041	-0.000017	0.
214	Qm	0.	0.	-688.122195	0.062495	-0.008658	0.
214	Qs	0.	0.	-47.999998	5.886E-11	-9.756E-12	0.
214	T+	0.	0.	0.	0.	0.	3.789E-19
214	T-	0.	0.	0.	0.	0.	-3.789E-19
214	W	0.	0.	224.952492	-0.047964	0.095668	0.
214	Qm-1	0.	0.	-741.108201	0.058385	-0.008674	0.
214	Qm-2	0.	0.	-57.769475	-0.005051	-9.223E-06	0.
215	DEAD	0.	0.	0.	0.	0.	0.
215	G1	0.	0.	-749.778506	1.261E-09	-2.648E-10	0.
215	G2	0.	0.	-66.663157	0.019024	-0.000012	0.
215	Qm	0.	0.	-373.722121	0.062565	-0.008631	0.
215	Qs	0.	0.	-47.999998	5.867E-11	-9.733E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
215	T+	0.	0.	0.	0.	0.	2.389E-19
215	T-	0.	0.	0.	0.	0.	-2.389E-19
215	W	0.	0.	-33.456634	-0.047809	0.095677	0.
215	Qm-1	0.	0.	-447.64065	0.058343	-0.008647	0.
215	Qm-2	0.	0.	-83.028749	-0.005049	4.731E-06	0.
216	DEAD	0.	0.	0.	0.	0.	0.
216	G1	0.	0.	-749.778506	1.261E-09	-2.648E-10	0.
216	G2	0.	0.	-70.46801	0.019024	-0.000012	0.
216	Qm	0.	0.	-386.235369	0.062567	-0.008632	0.
216	Qs	0.	0.	-47.999998	5.867E-11	-9.735E-12	0.
216	T+	0.	0.	0.	0.	0.	-2.230E-19
216	T-	0.	0.	0.	0.	0.	2.230E-19
216	W	0.	0.	-23.894901	-0.047808	0.095678	0.
216	Qm-1	0.	0.	-459.309369	0.058345	-0.008648	0.
216	Qm-2	0.	0.	-82.018979	-0.005049	4.452E-06	0.
217	DEAD	0.	0.	0.	0.	0.	0.
217	G1	0.	0.	-749.778506	1.261E-09	-2.649E-10	0.
217	G2	0.	0.	-74.272794	0.019024	-0.000012	0.
217	Qm	0.	0.	-398.748921	0.062568	-0.008632	0.
217	Qs	0.	0.	-47.999998	5.867E-11	-9.737E-12	0.
217	T+	0.	0.	0.	0.	0.	2.422E-19
217	T-	0.	0.	0.	0.	0.	-2.422E-19
217	W	0.	0.	-14.333372	-0.047807	0.095679	0.
217	Qm-1	0.	0.	-470.978472	0.058346	-0.008648	0.
217	Qm-2	0.	0.	-81.0092	-0.005049	4.147E-06	0.
218	DEAD	0.	0.	0.	0.	0.	0.
218	G1	0.	0.	-749.778507	1.261E-09	-2.649E-10	0.
218	G2	0.	0.	-78.077538	0.019024	-0.000012	0.
218	Qm	0.	0.	-411.26265	0.062569	-0.008633	0.
218	Qs	0.	0.	-47.999998	5.868E-11	-9.740E-12	0.
218	T+	0.	0.	0.	0.	0.	-3.185E-19
218	T-	0.	0.	0.	0.	0.	3.185E-19
218	W	0.	0.	-4.771983	-0.047807	0.09568	0.
218	Qm-1	0.	0.	-482.647791	0.058347	-0.008649	0.
218	Qm-2	0.	0.	-79.999375	-0.005049	3.792E-06	0.
219	DEAD	0.	0.	0.	0.	0.	0.
219	G1	0.	0.	-749.778507	1.261E-09	-2.650E-10	0.
219	G2	0.	0.	-81.882275	0.019024	-0.000011	0.
219	Qm	0.	0.	-423.776313	0.062568	-0.008633	0.
219	Qs	0.	0.	-47.999998	5.868E-11	-9.742E-12	0.
219	T+	0.	0.	0.	0.	0.	4.055E-19
219	T-	0.	0.	0.	0.	0.	-4.055E-19
219	W	0.	0.	4.789347	-0.047807	0.095681	0.
219	Qm-1	0.	0.	-494.316997	0.058345	-0.00865	0.
219	Qm-2	0.	0.	-78.989458	-0.00505	3.415E-06	0.
220	DEAD	0.	0.	0.	0.	0.	0.
220	G1	0.	0.	-749.778507	1.261E-09	-2.651E-10	0.
220	G2	0.	0.	-85.68704	0.019024	-0.000011	0.
220	Qm	0.	0.	-436.289559	0.062565	-0.008633	0.
220	Qs	0.	0.	-47.999998	5.869E-11	-9.745E-12	0.
220	T+	0.	0.	0.	0.	0.	-3.947E-19
220	T-	0.	0.	0.	0.	0.	3.947E-19
220	W	0.	0.	14.350718	-0.047807	0.095682	0.
220	Qm-1	0.	0.	-505.985729	0.058343	-0.00865	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
220	Qm-2	0.	0.	-77.979412	-0.005051	3.014E-06	0.
221	DEAD	0.	0.	0.	0.	0.	0.
221	G1	0.	0.	-749.778507	1.261E-09	-2.651E-10	0.
221	G2	0.	0.	-89.491867	0.019024	-0.000011	0.
221	Qm	0.	0.	-448.802065	0.06256	-0.008634	0.
221	Qs	0.	0.	-47.999998	5.869E-11	-9.747E-12	0.
221	T+	0.	0.	0.	0.	0.	3.967E-19
221	T-	0.	0.	0.	0.	0.	-3.967E-19
221	W	0.	0.	23.912251	-0.047808	0.095682	0.
221	Qm-1	0.	0.	-517.654063	0.058341	-0.008652	0.
221	Qm-2	0.	0.	-76.969218	-0.005051	2.544E-06	0.
222	DEAD	0.	0.	0.	0.	0.	0.
222	G1	0.	0.	-749.778508	1.261E-09	-2.652E-10	0.
222	G2	0.	0.	-93.296788	0.019025	-0.000011	0.
222	Qm	0.	0.	-461.313673	0.062556	-0.008636	0.
222	Qs	0.	0.	-47.999998	5.870E-11	-9.749E-12	0.
222	T+	0.	0.	0.	0.	0.	-3.521E-19
222	T-	0.	0.	0.	0.	0.	3.521E-19
222	W	0.	0.	33.474093	-0.04781	0.095682	0.
222	Qm-1	0.	0.	-529.322019	0.058339	-0.008653	0.
222	Qm-2	0.	0.	-75.958867	-0.005052	1.953E-06	0.
223	DEAD	0.	0.	0.	0.	0.	0.
223	G1	0.	0.	-749.778508	1.261E-09	-2.653E-10	0.
223	G2	0.	0.	-97.101835	0.019026	-0.000011	0.
223	Qm	0.	0.	-473.82441	0.062552	-0.008638	0.
223	Qs	0.	0.	-47.999998	5.871E-11	-9.751E-12	0.
223	T+	0.	0.	0.	0.	0.	3.797E-19
223	T-	0.	0.	0.	0.	0.	-3.797E-19
223	W	0.	0.	43.036406	-0.047813	0.095682	0.
223	Qm-1	0.	0.	-540.989408	0.058335	-0.008655	0.
223	Qm-2	0.	0.	-74.948349	-0.005053	1.296E-06	0.
224	DEAD	0.	0.	0.	0.	0.	0.
224	G1	0.	0.	-749.778508	1.262E-09	-2.654E-10	0.
224	G2	0.	0.	-100.907039	0.019026	-0.000011	0.
224	Qm	0.	0.	-486.334465	0.062549	-0.00864	0.
224	Qs	0.	0.	-47.999998	5.873E-11	-9.752E-12	0.
224	T+	0.	0.	0.	0.	0.	-3.456E-19
224	T-	0.	0.	0.	0.	0.	3.456E-19
224	W	0.	0.	52.599358	-0.047817	0.095682	0.
224	Qm-1	0.	0.	-552.655982	0.058331	-0.008658	0.
224	Qm-2	0.	0.	-73.937666	-0.005054	6.269E-07	0.
225	DEAD	0.	0.	0.	0.	0.	0.
225	G1	0.	0.	-749.778508	1.262E-09	-2.655E-10	0.
225	G2	0.	0.	-104.712427	0.019027	-0.000011	0.
225	Qm	0.	0.	-498.844037	0.062547	-0.008643	0.
225	Qs	0.	0.	-47.999998	5.874E-11	-9.753E-12	0.
225	T+	0.	0.	0.	0.	0.	3.280E-19
225	T-	0.	0.	0.	0.	0.	-3.280E-19
225	W	0.	0.	62.163115	-0.047821	0.095682	0.
225	Qm-1	0.	0.	-564.321905	0.058328	-0.00866	0.
225	Qm-2	0.	0.	-72.926839	-0.005054	-4.048E-08	0.
226	DEAD	0.	0.	0.	0.	0.	0.
226	G1	0.	0.	-749.778509	1.262E-09	-2.656E-10	0.
226	G2	0.	0.	-108.518028	0.019029	-0.000011	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
226	Qm	0.	0.	-511.3532	0.062545	-0.008645	0.
226	Qs	0.	0.	-47.999998	5.875E-11	-9.754E-12	0.
226	T+	0.	0.	0.	0.	0.	-3.159E-19
226	T-	0.	0.	0.	0.	0.	3.159E-19
226	W	0.	0.	71.727833	-0.047826	0.095682	0.
226	Qm-1	0.	0.	-575.98728	0.058325	-0.008663	0.
226	Qm-2	0.	0.	-71.915911	-0.005055	-7.153E-07	0.
227	DEAD	0.	0.	0.	0.	0.	0.
227	G1	0.	0.	-749.778509	1.262E-09	-2.657E-10	0.
227	G2	0.	0.	-112.323863	0.01903	-0.000011	0.
227	Qm	0.	0.	-523.861882	0.062542	-0.008647	0.
227	Qs	0.	0.	-47.999998	5.876E-11	-9.754E-12	0.
227	T+	0.	0.	0.	0.	0.	3.345E-19
227	T-	0.	0.	0.	0.	0.	-3.345E-19
227	W	0.	0.	81.293662	-0.047832	0.095682	0.
227	Qm-1	0.	0.	-587.652016	0.058322	-0.008666	0.
227	Qm-2	0.	0.	-70.904922	-0.005055	-1.363E-06	0.
228	DEAD	0.	0.	0.	0.	0.	0.
228	G1	0.	0.	-749.778509	1.262E-09	-2.658E-10	0.
228	G2	0.	0.	-116.129953	0.019031	-0.000011	0.
228	Qm	0.	0.	-536.369889	0.062538	-0.008649	0.
228	Qs	0.	0.	-47.999998	5.877E-11	-9.755E-12	0.
228	T+	0.	0.	0.	0.	0.	-3.786E-19
228	T-	0.	0.	0.	0.	0.	3.786E-19
228	W	0.	0.	90.860756	-0.047839	0.095682	0.
228	Qm-1	0.	0.	-599.316065	0.058319	-0.008669	0.
228	Qm-2	0.	0.	-69.893912	-0.005055	-1.953E-06	0.
229	DEAD	0.	0.	0.	0.	0.	0.
229	G1	0.	0.	-749.778509	1.262E-09	-2.658E-10	0.
229	G2	0.	0.	-119.936312	0.019032	-0.000012	0.
229	Qm	0.	0.	-548.876998	0.062533	-0.008651	0.
229	Qs	0.	0.	-47.999998	5.879E-11	-9.755E-12	0.
229	T+	0.	0.	0.	0.	0.	4.088E-19
229	T-	0.	0.	0.	0.	0.	-4.088E-19
229	W	0.	0.	100.429275	-0.047846	0.095682	0.
229	Qm-1	0.	0.	-610.980076	0.058321	-0.008672	0.
229	Qm-2	0.	0.	-68.882918	-0.005055	-2.482E-06	0.
230	DEAD	0.	0.	0.	0.	0.	0.
230	G1	0.	0.	-749.77851	1.263E-09	-2.659E-10	0.
230	G2	0.	0.	-123.742949	0.019034	-0.000012	0.
230	Qm	0.	0.	-561.383037	0.062527	-0.008653	0.
230	Qs	0.	0.	-47.999998	5.880E-11	-9.755E-12	0.
230	T+	0.	0.	0.	0.	0.	-4.030E-19
230	T-	0.	0.	0.	0.	0.	4.030E-19
230	W	0.	0.	109.999384	-0.047855	0.095681	0.
230	Qm-1	0.	0.	-622.644753	0.058326	-0.008674	0.
230	Qm-2	0.	0.	-67.871979	-0.005055	-2.967E-06	0.
231	DEAD	0.	0.	0.	0.	0.	0.
231	G1	0.	0.	-749.77851	1.263E-09	-2.660E-10	0.
231	G2	0.	0.	-127.549866	0.019035	-0.000012	0.
231	Qm	0.	0.	-573.887902	0.062521	-0.008655	0.
231	Qs	0.	0.	-47.999998	5.881E-11	-9.755E-12	0.
231	T+	0.	0.	0.	0.	0.	3.619E-19
231	T-	0.	0.	0.	0.	0.	-3.619E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
231	W	0.	0.	119.571244	-0.047864	0.095681	0.
231	Qm-1	0.	0.	-634.310641	0.058333	-0.008677	0.
231	Qm-2	0.	0.	-66.861125	-0.005054	-3.434E-06	0.
232	DEAD	0.	0.	0.	0.	0.	0.
232	G1	0.	0.	-749.77851	1.263E-09	-2.660E-10	0.
232	G2	0.	0.	-131.35706	0.019037	-0.000012	0.
232	Qm	0.	0.	-586.391552	0.062515	-0.008657	0.
232	Qs	0.	0.	-47.999998	5.882E-11	-9.755E-12	0.
232	T+	0.	0.	0.	0.	0.	-3.489E-19
232	T-	0.	0.	0.	0.	0.	3.489E-19
232	W	0.	0.	129.144999	-0.047874	0.09568	0.
232	Qm-1	0.	0.	-645.978127	0.058342	-0.008679	0.
232	Qm-2	0.	0.	-65.85038	-0.005053	-3.905E-06	0.
233	DEAD	0.	0.	0.	0.	0.	0.
233	G1	0.	0.	-749.77851	1.264E-09	-2.661E-10	0.
233	G2	0.	0.	-135.164519	0.019038	-0.000012	0.
233	Qm	0.	0.	-598.894003	0.062509	-0.008658	0.
233	Qs	0.	0.	-47.999998	5.883E-11	-9.754E-12	0.
233	T+	0.	0.	0.	0.	0.	3.596E-19
233	T-	0.	0.	0.	0.	0.	-3.596E-19
233	W	0.	0.	138.720767	-0.047884	0.09568	0.
233	Qm-1	0.	0.	-657.647445	0.058351	-0.00868	0.
233	Qm-2	0.	0.	-64.839757	-0.005053	-4.397E-06	0.
234	DEAD	0.	0.	0.	0.	0.	0.
234	G1	0.	0.	-749.778511	1.264E-09	-2.661E-10	0.
234	G2	0.	0.	-138.972225	0.019039	-0.000013	0.
234	Qm	0.	0.	-611.395327	0.062504	-0.00866	0.
234	Qs	0.	0.	-47.999998	5.884E-11	-9.754E-12	0.
234	T+	0.	0.	0.	0.	0.	-4.077E-19
234	T-	0.	0.	0.	0.	0.	4.077E-19
234	W	0.	0.	148.298645	-0.047895	0.09568	0.
234	Qm-1	0.	0.	-669.318676	0.058361	-0.008682	0.
234	Qm-2	0.	0.	-63.829257	-0.005052	-4.915E-06	0.
235	DEAD	0.	0.	0.	0.	0.	0.
235	G1	0.	0.	-749.778511	1.264E-09	-2.661E-10	0.
235	G2	0.	0.	-142.780151	0.01904	-0.000013	0.
235	Qm	0.	0.	-623.895647	0.062499	-0.008661	0.
235	Qs	0.	0.	-47.999998	5.885E-11	-9.754E-12	0.
235	T+	0.	0.	0.	0.	0.	4.426E-19
235	T-	0.	0.	0.	0.	0.	-4.426E-19
235	W	0.	0.	157.878711	-0.047906	0.095679	0.
235	Qm-1	0.	0.	-680.991746	0.05837	-0.008683	0.
235	Qm-2	0.	0.	-62.818869	-0.005052	-5.456E-06	0.
236	DEAD	0.	0.	0.	0.	0.	0.
236	G1	0.	0.	-749.778511	1.265E-09	-2.662E-10	0.
236	G2	0.	0.	-146.58826	0.019041	-0.000013	0.
236	Qm	0.	0.	-636.395138	0.062496	-0.008662	0.
236	Qs	0.	0.	-47.999998	5.886E-11	-9.754E-12	0.
236	T+	0.	0.	0.	0.	0.	-4.236E-19
236	T-	0.	0.	0.	0.	0.	4.236E-19
236	W	0.	0.	167.46104	-0.047917	0.095678	0.
236	Qm-1	0.	0.	-692.666423	0.058377	-0.008684	0.
236	Qm-2	0.	0.	-61.808574	-0.005051	-6.010E-06	0.
237	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
237	G1	0.	0.	-749.778511	1.265E-09	-2.662E-10	0.
237	G2	0.	0.	-150.396507	0.019041	-0.000014	0.
237	Qm	0.	0.	-648.894024	0.062493	-0.008663	0.
237	Qs	0.	0.	-47.999998	5.886E-11	-9.753E-12	0.
237	T+	0.	0.	0.	0.	0.	4.178E-19
237	T-	0.	0.	0.	0.	0.	-4.178E-19
237	W	0.	0.	177.045747	-0.04793	0.095678	0.
237	Qm-1	0.	0.	-704.342307	0.058382	-0.008684	0.
237	Qm-2	0.	0.	-60.798343	-0.005051	-6.560E-06	0.
238	DEAD	0.	0.	0.	0.	0.	0.
238	G1	0.	0.	-749.778512	1.265E-09	-2.662E-10	0.
238	G2	0.	0.	-154.204834	0.019042	-0.000014	0.
238	Qm	0.	0.	-661.392577	0.062492	-0.008664	0.
238	Qs	0.	0.	-47.999998	5.886E-11	-9.753E-12	0.
238	T+	0.	0.	0.	0.	0.	-4.462E-19
238	T-	0.	0.	0.	0.	0.	4.462E-19
238	W	0.	0.	186.632951	-0.047942	0.095677	0.
238	Qm-1	0.	0.	-716.018825	0.058383	-0.008685	0.
238	Qm-2	0.	0.	-59.788145	-0.005051	-7.093E-06	0.
239	DEAD	0.	0.	0.	0.	0.	0.
239	G1	0.	0.	-749.778512	1.265E-09	-2.662E-10	0.
239	G2	0.	0.	-158.013161	0.019041	-0.000014	0.
239	Qm	0.	0.	-673.891102	0.062493	-0.008665	0.
239	Qs	0.	0.	-47.999998	5.887E-11	-9.752E-12	0.
239	T+	0.	0.	0.	0.	0.	4.746E-19
239	T-	0.	0.	0.	0.	0.	-4.746E-19
239	W	0.	0.	196.224836	-0.047994	0.095676	0.
239	Qm-1	0.	0.	-727.695445	0.058383	-0.008685	0.
239	Qm-2	0.	0.	-58.777951	-0.005051	-7.612E-06	0.
240	DEAD	0.	0.	0.	0.	0.	0.
240	G1	0.	0.	-749.778512	1.265E-09	-2.662E-10	0.
240	G2	0.	0.	-161.821369	0.019041	-0.000015	0.
240	Qm	0.	0.	-686.389843	0.062494	-0.008666	0.
240	Qs	0.	0.	-47.999998	5.886E-11	-9.751E-12	0.
240	T+	0.	0.	0.	0.	0.	-4.572E-19
240	T-	0.	0.	0.	0.	0.	4.572E-19
240	W	0.	0.	205.818619	-0.047959	0.095675	0.
240	Qm-1	0.	0.	-739.372314	0.058385	-0.008685	0.
240	Qm-2	0.	0.	-57.767733	-0.005051	-8.141E-06	0.
241	DEAD	0.	0.	0.	0.	0.	0.
241	G1	0.	0.	-749.778506	1.261E-09	-2.650E-10	0.
241	G2	0.	0.	-66.660937	0.019025	-9.814E-06	0.
241	Qm	0.	0.	-371.995002	0.062565	-0.00864	0.
241	Qs	0.	0.	-47.999998	5.867E-11	-9.725E-12	0.
241	T+	0.	0.	0.	0.	0.	-2.254E-19
241	T-	0.	0.	0.	0.	0.	2.254E-19
241	W	0.	0.	-52.591367	-0.047808	0.095671	0.
241	Qm-1	0.	0.	-445.910151	0.058341	-0.008659	0.
241	Qm-2	0.	0.	-83.029662	-0.005049	4.384E-06	0.
242	DEAD	0.	0.	0.	0.	0.	0.
242	G1	0.	0.	-749.778506	1.261E-09	-2.650E-10	0.
242	G2	0.	0.	-70.465844	0.019024	-9.581E-06	0.
242	Qm	0.	0.	-384.508102	0.062566	-0.008641	0.
242	Qs	0.	0.	-47.999998	5.867E-11	-9.727E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
242	T+	0.	0.	0.	0.	0.	2.274E-19
242	T-	0.	0.	0.	0.	0.	-2.274E-19
242	W	0.	0.	-43.029949	-0.047807	0.095673	0.
242	Qm-1	0.	0.	-457.57867	0.058344	-0.00866	0.
242	Qm-2	0.	0.	-82.019841	-0.005049	4.152E-06	0.
243	DEAD	0.	0.	0.	0.	0.	0.
243	G1	0.	0.	-749.778506	1.261E-09	-2.651E-10	0.
243	G2	0.	0.	-74.270674	0.019024	-9.379E-06	0.
243	Qm	0.	0.	-397.02155	0.062568	-0.008642	0.
243	Qs	0.	0.	-47.999998	5.867E-11	-9.729E-12	0.
243	T+	0.	0.	0.	0.	0.	-2.632E-19
243	T-	0.	0.	0.	0.	0.	2.632E-19
243	W	0.	0.	-33.468682	-0.047806	0.095674	0.
243	Qm-1	0.	0.	-469.247623	0.058346	-0.00866	0.
243	Qm-2	0.	0.	-81.010008	-0.005049	3.922E-06	0.
244	DEAD	0.	0.	0.	0.	0.	0.
244	G1	0.	0.	-749.778506	1.261E-09	-2.651E-10	0.
244	G2	0.	0.	-78.075457	0.019024	-9.208E-06	0.
244	Qm	0.	0.	-409.535199	0.062568	-0.008642	0.
244	Qs	0.	0.	-47.999998	5.867E-11	-9.732E-12	0.
244	T+	0.	0.	0.	0.	0.	3.434E-19
244	T-	0.	0.	0.	0.	0.	-3.434E-19
244	W	0.	0.	-23.907504	-0.047806	0.095675	0.
244	Qm-1	0.	0.	-480.916808	0.058346	-0.008661	0.
244	Qm-2	0.	0.	-80.000122	-0.00505	3.671E-06	0.
245	DEAD	0.	0.	0.	0.	0.	0.
245	G1	0.	0.	-749.778507	1.261E-09	-2.652E-10	0.
245	G2	0.	0.	-81.880226	0.019024	-9.069E-06	0.
245	Qm	0.	0.	-422.048774	0.062567	-0.008643	0.
245	Qs	0.	0.	-47.999998	5.868E-11	-9.734E-12	0.
245	T+	0.	0.	0.	0.	0.	-4.073E-19
245	T-	0.	0.	0.	0.	0.	4.073E-19
245	W	0.	0.	-14.346336	-0.047806	0.095676	0.
245	Qm-1	0.	0.	-492.585861	0.058344	-0.008662	0.
245	Qm-2	0.	0.	-78.990138	-0.00505	3.379E-06	0.
246	DEAD	0.	0.	0.	0.	0.	0.
246	G1	0.	0.	-749.778507	1.261E-09	-2.652E-10	0.
246	G2	0.	0.	-85.685015	0.019024	-8.963E-06	0.
246	Qm	0.	0.	-434.561886	0.062564	-0.008644	0.
246	Qs	0.	0.	-47.999998	5.868E-11	-9.736E-12	0.
246	T+	0.	0.	0.	0.	0.	4.375E-19
246	T-	0.	0.	0.	0.	0.	-4.375E-19
246	W	0.	0.	-4.785081	-0.047807	0.095676	0.
246	Qm-1	0.	0.	-504.254395	0.058341	-0.008663	0.
246	Qm-2	0.	0.	-77.980016	-0.005051	3.026E-06	0.
247	DEAD	0.	0.	0.	0.	0.	0.
247	G1	0.	0.	-749.778507	1.261E-09	-2.653E-10	0.
247	G2	0.	0.	-89.489859	0.019024	-8.888E-06	0.
247	Qm	0.	0.	-447.07418	0.062559	-0.008645	0.
247	Qs	0.	0.	-47.999998	5.869E-11	-9.738E-12	0.
247	T+	0.	0.	0.	0.	0.	-4.245E-19
247	T-	0.	0.	0.	0.	0.	4.245E-19
247	W	0.	0.	4.776379	-0.047808	0.095677	0.
247	Qm-1	0.	0.	-515.922471	0.058339	-0.008664	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
247	Qm-2	0.	0.	-76.969732	-0.005052	2.604E-06	0.
248	DEAD	0.	0.	0.	0.	0.	0.
248	G1	0.	0.	-749.778508	1.261E-09	-2.654E-10	0.
248	G2	0.	0.	-93.29479	0.019025	-8.843E-06	0.
248	Qm	0.	0.	-459.585485	0.062554	-0.008646	0.
248	Qs	0.	0.	-47.999998	5.870E-11	-9.740E-12	0.
248	T+	0.	0.	0.	0.	0.	4.404E-19
248	T-	0.	0.	0.	0.	0.	-4.404E-19
248	W	0.	0.	14.338181	-0.04781	0.095677	0.
248	Qm-1	0.	0.	-527.590107	0.058337	-0.008666	0.
248	Qm-2	0.	0.	-75.959273	-0.005053	2.111E-06	0.
249	DEAD	0.	0.	0.	0.	0.	0.
249	G1	0.	0.	-749.778508	1.261E-09	-2.655E-10	0.
249	G2	0.	0.	-97.099841	0.019026	-8.824E-06	0.
249	Qm	0.	0.	-472.095838	0.06255	-0.008648	0.
249	Qs	0.	0.	-47.999998	5.871E-11	-9.741E-12	0.
249	T+	0.	0.	0.	0.	0.	-4.186E-19
249	T-	0.	0.	0.	0.	0.	4.186E-19
249	W	0.	0.	23.900475	-0.047813	0.095677	0.
249	Qm-1	0.	0.	-539.257104	0.058333	-0.008668	0.
249	Qm-2	0.	0.	-74.948633	-0.005054	1.552E-06	0.
250	DEAD	0.	0.	0.	0.	0.	0.
250	G1	0.	0.	-749.778508	1.261E-09	-2.656E-10	0.
250	G2	0.	0.	-100.905044	0.019026	-8.828E-06	0.
250	Qm	0.	0.	-484.605451	0.062547	-0.00865	0.
250	Qs	0.	0.	-47.999998	5.872E-11	-9.743E-12	0.
250	T+	0.	0.	0.	0.	0.	4.016E-19
250	T-	0.	0.	0.	0.	0.	-4.016E-19
250	W	0.	0.	33.46342	-0.047817	0.095677	0.
250	Qm-1	0.	0.	-550.923212	0.058329	-0.00867	0.
250	Qm-2	0.	0.	-73.937822	-0.005054	9.437E-07	0.
251	DEAD	0.	0.	0.	0.	0.	0.
251	G1	0.	0.	-749.778508	1.262E-09	-2.657E-10	0.
251	G2	0.	0.	-104.710427	0.019027	-8.854E-06	0.
251	Qm	0.	0.	-497.114557	0.062544	-0.008652	0.
251	Qs	0.	0.	-47.999998	5.874E-11	-9.744E-12	0.
251	T+	0.	0.	0.	0.	0.	-3.925E-19
251	T-	0.	0.	0.	0.	0.	3.925E-19
251	W	0.	0.	43.027175	-0.047821	0.095677	0.
251	Qm-1	0.	0.	-562.588611	0.058326	-0.008673	0.
251	Qm-2	0.	0.	-72.926866	-0.005055	3.118E-07	0.
252	DEAD	0.	0.	0.	0.	0.	0.
252	G1	0.	0.	-749.778509	1.262E-09	-2.657E-10	0.
252	G2	0.	0.	-108.516017	0.019029	-8.901E-06	0.
252	Qm	0.	0.	-509.623255	0.062542	-0.008655	0.
252	Qs	0.	0.	-47.999998	5.875E-11	-9.745E-12	0.
252	T+	0.	0.	0.	0.	0.	3.700E-19
252	T-	0.	0.	0.	0.	0.	-3.700E-19
252	W	0.	0.	52.591899	-0.047826	0.095677	0.
252	Qm-1	0.	0.	-574.253431	0.058323	-0.008675	0.
252	Qm-2	0.	0.	-71.915808	-0.005055	-3.124E-07	0.
253	DEAD	0.	0.	0.	0.	0.	0.
253	G1	0.	0.	-749.778509	1.262E-09	-2.658E-10	0.
253	G2	0.	0.	-112.321837	0.01903	-8.968E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
253	Qm	0.	0.	-522.131489	0.06254	-0.008657	0.
253	Qs	0.	0.	-47.999998	5.876E-11	-9.746E-12	0.
253	T+	0.	0.	0.	0.	0.	-3.588E-19
253	T-	0.	0.	0.	0.	0.	3.588E-19
253	W	0.	0.	62.157749	-0.047832	0.095677	0.
253	Qm-1	0.	0.	-585.917606	0.058319	-0.008678	0.
253	Qm-2	0.	0.	-70.904695	-0.005056	-9.011E-07	0.
254	DEAD	0.	0.	0.	0.	0.	0.
254	G1	0.	0.	-749.778509	1.262E-09	-2.659E-10	0.
254	G2	0.	0.	-116.127907	0.019031	-9.057E-06	0.
254	Qm	0.	0.	-534.639074	0.062536	-0.008659	0.
254	Qs	0.	0.	-47.999998	5.877E-11	-9.746E-12	0.
254	T+	0.	0.	0.	0.	0.	3.834E-19
254	T-	0.	0.	0.	0.	0.	-3.834E-19
254	W	0.	0.	71.724883	-0.047839	0.095677	0.
254	Qm-1	0.	0.	-597.581105	0.058317	-0.008681	0.
254	Qm-2	0.	0.	-69.893572	-0.005056	-1.439E-06	0.
255	DEAD	0.	0.	0.	0.	0.	0.
255	G1	0.	0.	-749.778509	1.262E-09	-2.660E-10	0.
255	G2	0.	0.	-119.934241	0.019032	-9.168E-06	0.
255	Qm	0.	0.	-547.145789	0.062531	-0.008661	0.
255	Qs	0.	0.	-47.999998	5.879E-11	-9.747E-12	0.
255	T+	0.	0.	0.	0.	0.	-3.924E-19
255	T-	0.	0.	0.	0.	0.	3.924E-19
255	W	0.	0.	81.293461	-0.047847	0.095677	0.
255	Qm-1	0.	0.	-609.244593	0.058319	-0.008683	0.
255	Qm-2	0.	0.	-68.882477	-0.005055	-1.926E-06	0.
256	DEAD	0.	0.	0.	0.	0.	0.
256	G1	0.	0.	-749.77851	1.263E-09	-2.660E-10	0.
256	G2	0.	0.	-123.740848	0.019034	-9.301E-06	0.
256	Qm	0.	0.	-559.65146	0.062526	-0.008663	0.
256	Qs	0.	0.	-47.999998	5.880E-11	-9.747E-12	0.
256	T+	0.	0.	0.	0.	0.	4.295E-19
256	T-	0.	0.	0.	0.	0.	-4.295E-19
256	W	0.	0.	90.863642	-0.047855	0.095676	0.
256	Qm-1	0.	0.	-620.908785	0.058324	-0.008685	0.
256	Qm-2	0.	0.	-67.871443	-0.005055	-2.373E-06	0.
257	DEAD	0.	0.	0.	0.	0.	0.
257	G1	0.	0.	-749.77851	1.263E-09	-2.661E-10	0.
257	G2	0.	0.	-127.54773	0.019035	-9.456E-06	0.
257	Qm	0.	0.	-572.155983	0.06252	-0.008664	0.
257	Qs	0.	0.	-47.999998	5.881E-11	-9.747E-12	0.
257	T+	0.	0.	0.	0.	0.	-4.038E-19
257	T-	0.	0.	0.	0.	0.	4.038E-19
257	W	0.	0.	100.435583	-0.047864	0.095676	0.
257	Qm-1	0.	0.	-632.574232	0.058331	-0.008688	0.
257	Qm-2	0.	0.	-66.8605	-0.005054	-2.799E-06	0.
258	DEAD	0.	0.	0.	0.	0.	0.
258	G1	0.	0.	-749.77851	1.263E-09	-2.662E-10	0.
258	G2	0.	0.	-131.354884	0.019036	-9.634E-06	0.
258	Qm	0.	0.	-584.659312	0.062514	-0.008666	0.
258	Qs	0.	0.	-47.999998	5.882E-11	-9.746E-12	0.
258	T+	0.	0.	0.	0.	0.	4.126E-19
258	T-	0.	0.	0.	0.	0.	-4.126E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
258	W	0.	0.	110.009423	-0.047874	0.095676	0.
258	Qm-1	0.	0.	-644.24133	0.05834	-0.00869	0.
258	Qm-2	0.	0.	-65.849665	-0.005054	-3.221E-06	0.
259	DEAD	0.	0.	0.	0.	0.	0.
259	G1	0.	0.	-749.77851	1.264E-09	-2.662E-10	0.
259	G2	0.	0.	-135.162299	0.019038	-9.838E-06	0.
259	Qm	0.	0.	-597.161464	0.062508	-0.008667	0.
259	Qs	0.	0.	-47.999998	5.883E-11	-9.746E-12	0.
259	T+	0.	0.	0.	0.	0.	-4.224E-19
259	T-	0.	0.	0.	0.	0.	4.224E-19
259	W	0.	0.	119.585286	-0.047885	0.095675	0.
259	Qm-1	0.	0.	-655.910316	0.05835	-0.008691	0.
259	Qm-2	0.	0.	-64.83895	-0.005053	-3.651E-06	0.
260	DEAD	0.	0.	0.	0.	0.	0.
260	G1	0.	0.	-749.778511	1.264E-09	-2.662E-10	0.
260	G2	0.	0.	-138.969954	0.019039	-0.00001	0.
260	Qm	0.	0.	-609.662508	0.062503	-0.008669	0.
260	Qs	0.	0.	-47.999998	5.884E-11	-9.746E-12	0.
260	T+	0.	0.	0.	0.	0.	4.612E-19
260	T-	0.	0.	0.	0.	0.	-4.612E-19
260	W	0.	0.	129.163276	-0.047895	0.095674	0.
260	Qm-1	0.	0.	-667.581269	0.05836	-0.008693	0.
260	Qm-2	0.	0.	-63.828354	-0.005053	-4.094E-06	0.
261	DEAD	0.	0.	0.	0.	0.	0.
261	G1	0.	0.	-749.778511	1.264E-09	-2.663E-10	0.
261	G2	0.	0.	-142.777823	0.01904	-0.00001	0.
261	Qm	0.	0.	-622.162567	0.062498	-0.00867	0.
261	Qs	0.	0.	-47.999998	5.885E-11	-9.746E-12	0.
261	T+	0.	0.	0.	0.	0.	-4.962E-19
261	T-	0.	0.	0.	0.	0.	4.962E-19
261	W	0.	0.	138.743482	-0.047907	0.095673	0.
261	Qm-1	0.	0.	-679.254114	0.058369	-0.008694	0.
261	Qm-2	0.	0.	-62.817866	-0.005052	-4.549E-06	0.
262	DEAD	0.	0.	0.	0.	0.	0.
262	G1	0.	0.	-749.778511	1.265E-09	-2.663E-10	0.
262	G2	0.	0.	-146.585867	0.019041	-0.000011	0.
262	Qm	0.	0.	-634.661817	0.062495	-0.008671	0.
262	Qs	0.	0.	-47.999998	5.886E-11	-9.747E-12	0.
262	T+	0.	0.	0.	0.	0.	4.841E-19
262	T-	0.	0.	0.	0.	0.	-4.841E-19
262	W	0.	0.	148.325988	-0.047918	0.095672	0.
262	Qm-1	0.	0.	-690.92861	0.058376	-0.008695	0.
262	Qm-2	0.	0.	-61.807469	-0.005052	-5.009E-06	0.
263	DEAD	0.	0.	0.	0.	0.	0.
263	G1	0.	0.	-749.778511	1.265E-09	-2.663E-10	0.
263	G2	0.	0.	-150.394039	0.019041	-0.000011	0.
263	Qm	0.	0.	-647.160483	0.062492	-0.008672	0.
263	Qs	0.	0.	-47.999998	5.886E-11	-9.746E-12	0.
263	T+	0.	0.	0.	0.	0.	-4.893E-19
263	T-	0.	0.	0.	0.	0.	4.893E-19
263	W	0.	0.	157.910915	-0.047931	0.095671	0.
263	Qm-1	0.	0.	-702.604352	0.058381	-0.008695	0.
263	Qm-2	0.	0.	-60.797138	-0.005052	-5.466E-06	0.
264	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
264	G1	0.	0.	-749.778512	1.265E-09	-2.663E-10	0.
264	G2	0.	0.	-154.202278	0.019041	-0.000011	0.
264	Qm	0.	0.	-659.65884	0.062492	-0.008673	0.
264	Qs	0.	0.	-47.999998	5.886E-11	-9.746E-12	0.
264	T+	0.	0.	0.	0.	0.	5.519E-19
264	T-	0.	0.	0.	0.	0.	-5.519E-19
264	W	0.	0.	167.498677	-0.047948	0.095669	0.
264	Qm-1	0.	0.	-714.280762	0.058383	-0.008696	0.
264	Qm-2	0.	0.	-59.786842	-0.005051	-5.913E-06	0.
265	DEAD	0.	0.	0.	0.	0.	0.
265	G1	0.	0.	-749.778512	1.265E-09	-2.663E-10	0.
265	G2	0.	0.	-158.010502	0.019041	-0.000012	0.
265	Qm	0.	0.	-672.157194	0.062492	-0.008674	0.
265	Qs	0.	0.	-47.999998	5.887E-11	-9.745E-12	0.
265	T+	0.	0.	0.	0.	0.	-5.790E-19
265	T-	0.	0.	0.	0.	0.	5.790E-19
265	W	0.	0.	177.089667	-0.047955	0.095675	0.
265	Qm-1	0.	0.	-725.957302	0.058383	-0.008697	0.
265	Qm-2	0.	0.	-58.776551	-0.005051	-6.354E-06	0.
266	DEAD	0.	0.	0.	0.	0.	0.
266	G1	0.	0.	-749.778512	1.265E-09	-2.663E-10	0.
266	G2	0.	0.	-161.818633	0.01904	-0.000012	0.
266	Qm	0.	0.	-684.655792	0.062494	-0.008675	0.
266	Qs	0.	0.	-47.999998	5.887E-11	-9.744E-12	0.
266	T+	0.	0.	0.	0.	0.	5.679E-19
266	T-	0.	0.	0.	0.	0.	-5.679E-19
266	W	0.	0.	186.682284	-0.047966	0.095684	0.
266	Qm-1	0.	0.	-737.634121	0.058385	-0.008697	0.
266	Qm-2	0.	0.	-57.766235	-0.005052	-6.804E-06	0.
267	DEAD	0.	0.	0.	0.	0.	0.
267	G1	0.	0.	-749.778506	1.261E-09	-2.652E-10	0.
267	G2	0.	0.	-66.659242	0.019025	-7.120E-06	0.
267	Qm	0.	0.	-370.26591	0.062564	-0.008651	0.
267	Qs	0.	0.	-47.999998	5.867E-11	-9.717E-12	0.
267	T+	0.	0.	0.	0.	0.	2.405E-19
267	T-	0.	0.	0.	0.	0.	-2.405E-19
267	W	0.	0.	-71.725125	-0.047806	0.095667	0.
267	Qm-1	0.	0.	-444.177116	0.05834	-0.008672	0.
267	Qm-2	0.	0.	-83.030494	-0.005049	3.920E-06	0.
268	DEAD	0.	0.	0.	0.	0.	0.
268	G1	0.	0.	-749.778506	1.261E-09	-2.652E-10	0.
268	G2	0.	0.	-70.464188	0.019025	-6.954E-06	0.
268	Qm	0.	0.	-382.778843	0.062566	-0.008652	0.
268	Qs	0.	0.	-47.999998	5.867E-11	-9.719E-12	0.
268	T+	0.	0.	0.	0.	0.	-2.382E-19
268	T-	0.	0.	0.	0.	0.	2.382E-19
268	W	0.	0.	-62.164039	-0.047805	0.095669	0.
268	Qm-1	0.	0.	-455.845418	0.058343	-0.008673	0.
268	Qm-2	0.	0.	-82.020633	-0.005049	3.745E-06	0.
269	DEAD	0.	0.	0.	0.	0.	0.
269	G1	0.	0.	-749.778506	1.261E-09	-2.653E-10	0.
269	G2	0.	0.	-74.269053	0.019024	-6.810E-06	0.
269	Qm	0.	0.	-395.292156	0.062567	-0.008652	0.
269	Qs	0.	0.	-47.999998	5.867E-11	-9.721E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
269	T+	0.	0.	0.	0.	0.	2.995E-19
269	T-	0.	0.	0.	0.	0.	-2.995E-19
269	W	0.	0.	-52.603045	-0.047805	0.09567	0.
269	Qm-1	0.	0.	-467.514189	0.058345	-0.008674	0.
269	Qm-2	0.	0.	-81.010762	-0.005049	3.603E-06	0.
270	DEAD	0.	0.	0.	0.	0.	0.
270	G1	0.	0.	-749.778506	1.261E-09	-2.654E-10	0.
270	G2	0.	0.	-78.073865	0.019024	-6.688E-06	0.
270	Qm	0.	0.	-407.805684	0.062568	-0.008653	0.
270	Qs	0.	0.	-47.999998	5.867E-11	-9.723E-12	0.
270	T+	0.	0.	0.	0.	0.	-3.469E-19
270	T-	0.	0.	0.	0.	0.	3.469E-19
270	W	0.	0.	-43.042087	-0.047805	0.095671	0.
270	Qm-1	0.	0.	-479.183205	0.058345	-0.008675	0.
270	Qm-2	0.	0.	-80.000838	-0.00505	3.471E-06	0.
271	DEAD	0.	0.	0.	0.	0.	0.
271	G1	0.	0.	-749.778507	1.261E-09	-2.654E-10	0.
271	G2	0.	0.	-81.878658	0.019024	-6.589E-06	0.
271	Qm	0.	0.	-420.319127	0.062566	-0.008654	0.
271	Qs	0.	0.	-47.999998	5.868E-11	-9.725E-12	0.
271	T+	0.	0.	0.	0.	0.	3.858E-19
271	T-	0.	0.	0.	0.	0.	-3.858E-19
271	W	0.	0.	-33.48109	-0.047805	0.095672	0.
271	Qm-1	0.	0.	-490.852076	0.058343	-0.008676	0.
271	Qm-2	0.	0.	-78.990805	-0.005051	3.276E-06	0.
272	DEAD	0.	0.	0.	0.	0.	0.
272	G1	0.	0.	-749.778507	1.261E-09	-2.655E-10	0.
272	G2	0.	0.	-85.683465	0.019024	-6.513E-06	0.
272	Qm	0.	0.	-432.832071	0.062563	-0.008655	0.
272	Qs	0.	0.	-47.999998	5.868E-11	-9.727E-12	0.
272	T+	0.	0.	0.	0.	0.	-4.145E-19
272	T-	0.	0.	0.	0.	0.	4.145E-19
272	W	0.	0.	-23.91996	-0.047806	0.095673	0.
272	Qm-1	0.	0.	-502.520394	0.05834	-0.008677	0.
272	Qm-2	0.	0.	-77.980619	-0.005051	2.983E-06	0.
273	DEAD	0.	0.	0.	0.	0.	0.
273	G1	0.	0.	-749.778507	1.261E-09	-2.655E-10	0.
273	G2	0.	0.	-89.488322	0.019024	-6.459E-06	0.
273	Qm	0.	0.	-445.344139	0.062558	-0.008656	0.
273	Qs	0.	0.	-47.999998	5.869E-11	-9.729E-12	0.
273	T+	0.	0.	0.	0.	0.	4.638E-19
273	T-	0.	0.	0.	0.	0.	-4.638E-19
273	W	0.	0.	-14.358586	-0.047808	0.095673	0.
273	Qm-1	0.	0.	-514.188207	0.058338	-0.008678	0.
273	Qm-2	0.	0.	-76.970257	-0.005052	2.621E-06	0.
274	DEAD	0.	0.	0.	0.	0.	0.
274	G1	0.	0.	-749.778507	1.261E-09	-2.656E-10	0.
274	G2	0.	0.	-93.293261	0.019025	-6.425E-06	0.
274	Qm	0.	0.	-457.855151	0.062552	-0.008657	0.
274	Qs	0.	0.	-47.999998	5.870E-11	-9.730E-12	0.
274	T+	0.	0.	0.	0.	0.	-5.136E-19
274	T-	0.	0.	0.	0.	0.	5.136E-19
274	W	0.	0.	-4.796838	-0.04781	0.095673	0.
274	Qm-1	0.	0.	-525.855524	0.058335	-0.00868	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
274	Qm-2	0.	0.	-75.95971	-0.005053	2.238E-06	0.
275	DEAD	0.	0.	0.	0.	0.	0.
275	G1	0.	0.	-749.778508	1.261E-09	-2.657E-10	0.
275	G2	0.	0.	-97.098316	0.019026	-6.411E-06	0.
275	Qm	0.	0.	-470.365148	0.062548	-0.008659	0.
275	Qs	0.	0.	-47.999998	5.871E-11	-9.732E-12	0.
275	T+	0.	0.	0.	0.	0.	4.903E-19
275	T-	0.	0.	0.	0.	0.	-4.903E-19
275	W	0.	0.	4.765425	-0.047813	0.095674	0.
275	Qm-1	0.	0.	-537.522146	0.058331	-0.008682	0.
275	Qm-2	0.	0.	-74.948969	-0.005054	1.789E-06	0.
276	DEAD	0.	0.	0.	0.	0.	0.
276	G1	0.	0.	-749.778508	1.261E-09	-2.658E-10	0.
276	G2	0.	0.	-100.903517	0.019026	-6.414E-06	0.
276	Qm	0.	0.	-482.874359	0.062545	-0.008661	0.
276	Qs	0.	0.	-47.999998	5.872E-11	-9.733E-12	0.
276	T+	0.	0.	0.	0.	0.	-4.681E-19
276	T-	0.	0.	0.	0.	0.	4.681E-19
276	W	0.	0.	14.328355	-0.047817	0.095674	0.
276	Qm-1	0.	0.	-549.187824	0.058326	-0.008684	0.
276	Qm-2	0.	0.	-73.938042	-0.005055	1.248E-06	0.
277	DEAD	0.	0.	0.	0.	0.	0.
277	G1	0.	0.	-749.778508	1.261E-09	-2.658E-10	0.
277	G2	0.	0.	-104.708896	0.019027	-6.433E-06	0.
277	Qm	0.	0.	-495.383038	0.062542	-0.008663	0.
277	Qs	0.	0.	-47.999998	5.873E-11	-9.735E-12	0.
277	T+	0.	0.	0.	0.	0.	4.465E-19
277	T-	0.	0.	0.	0.	0.	-4.465E-19
277	W	0.	0.	23.892106	-0.047821	0.095674	0.
277	Qm-1	0.	0.	-560.852749	0.058323	-0.008686	0.
277	Qm-2	0.	0.	-72.926963	-0.005056	6.546E-07	0.
278	DEAD	0.	0.	0.	0.	0.	0.
278	G1	0.	0.	-749.778508	1.262E-09	-2.659E-10	0.
278	G2	0.	0.	-108.514478	0.019028	-6.468E-06	0.
278	Qm	0.	0.	-507.891305	0.06254	-0.008665	0.
278	Qs	0.	0.	-47.999998	5.875E-11	-9.736E-12	0.
278	T+	0.	0.	0.	0.	0.	-4.298E-19
278	T-	0.	0.	0.	0.	0.	4.298E-19
278	W	0.	0.	33.456837	-0.047826	0.095674	0.
278	Qm-1	0.	0.	-572.517069	0.05832	-0.008688	0.
278	Qm-2	0.	0.	-71.915786	-0.005056	8.501E-08	0.
279	DEAD	0.	0.	0.	0.	0.	0.
279	G1	0.	0.	-749.778509	1.262E-09	-2.660E-10	0.
279	G2	0.	0.	-112.320286	0.01903	-6.518E-06	0.
279	Qm	0.	0.	-520.399119	0.062538	-0.008667	0.
279	Qs	0.	0.	-47.999998	5.876E-11	-9.736E-12	0.
279	T+	0.	0.	0.	0.	0.	4.213E-19
279	T-	0.	0.	0.	0.	0.	-4.213E-19
279	W	0.	0.	43.022706	-0.047832	0.095674	0.
279	Qm-1	0.	0.	-584.180738	0.058316	-0.008691	0.
279	Qm-2	0.	0.	-70.904562	-0.005056	-4.346E-07	0.
280	DEAD	0.	0.	0.	0.	0.	0.
280	G1	0.	0.	-749.778509	1.262E-09	-2.661E-10	0.
280	G2	0.	0.	-116.126341	0.019031	-6.583E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
280	Qm	0.	0.	-532.906303	0.062534	-0.008669	0.
280	Qs	0.	0.	-47.999998	5.877E-11	-9.737E-12	0.
280	T+	0.	0.	0.	0.	0.	-4.159E-19
280	T-	0.	0.	0.	0.	0.	4.159E-19
280	W	0.	0.	52.589873	-0.047839	0.095673	0.
280	Qm-1	0.	0.	-595.84374	0.058314	-0.008693	0.
280	Qm-2	0.	0.	-69.893338	-0.005056	-9.029E-07	0.
281	DEAD	0.	0.	0.	0.	0.	0.
281	G1	0.	0.	-749.778509	1.262E-09	-2.661E-10	0.
281	G2	0.	0.	-119.932655	0.019032	-6.664E-06	0.
281	Qm	0.	0.	-545.412639	0.062529	-0.008671	0.
281	Qs	0.	0.	-47.999998	5.879E-11	-9.738E-12	0.
281	T+	0.	0.	0.	0.	0.	4.706E-19
281	T-	0.	0.	0.	0.	0.	-4.706E-19
281	W	0.	0.	62.158498	-0.047847	0.095673	0.
281	Qm-1	0.	0.	-607.506751	0.058316	-0.008695	0.
281	Qm-2	0.	0.	-68.882151	-0.005056	-1.326E-06	0.
282	DEAD	0.	0.	0.	0.	0.	0.
282	G1	0.	0.	-749.778509	1.263E-09	-2.662E-10	0.
282	G2	0.	0.	-123.739239	0.019034	-6.762E-06	0.
282	Qm	0.	0.	-557.917956	0.062524	-0.008673	0.
282	Qs	0.	0.	-47.999998	5.880E-11	-9.738E-12	0.
282	T+	0.	0.	0.	0.	0.	-4.648E-19
282	T-	0.	0.	0.	0.	0.	4.648E-19
282	W	0.	0.	71.728741	-0.047856	0.095673	0.
282	Qm-1	0.	0.	-619.170496	0.058322	-0.008698	0.
282	Qm-2	0.	0.	-67.871034	-0.005055	-1.714E-06	0.
283	DEAD	0.	0.	0.	0.	0.	0.
283	G1	0.	0.	-749.77851	1.263E-09	-2.662E-10	0.
283	G2	0.	0.	-127.546095	0.019035	-6.876E-06	0.
283	Qm	0.	0.	-570.422147	0.062518	-0.008674	0.
283	Qs	0.	0.	-47.999998	5.881E-11	-9.738E-12	0.
283	T+	0.	0.	0.	0.	0.	4.583E-19
283	T-	0.	0.	0.	0.	0.	-4.583E-19
283	W	0.	0.	81.300755	-0.047865	0.095673	0.
283	Qm-1	0.	0.	-630.835534	0.058329	-0.008699	0.
283	Qm-2	0.	0.	-66.860011	-0.005055	-2.081E-06	0.
284	DEAD	0.	0.	0.	0.	0.	0.
284	G1	0.	0.	-749.77851	1.263E-09	-2.663E-10	0.
284	G2	0.	0.	-131.353218	0.019036	-7.010E-06	0.
284	Qm	0.	0.	-582.925168	0.062512	-0.008676	0.
284	Qs	0.	0.	-47.999998	5.882E-11	-9.738E-12	0.
284	T+	0.	0.	0.	0.	0.	-4.670E-19
284	T-	0.	0.	0.	0.	0.	4.670E-19
284	W	0.	0.	90.874684	-0.047875	0.095672	0.
284	Qm-1	0.	0.	-642.502264	0.058338	-0.008701	0.
284	Qm-2	0.	0.	-65.849098	-0.005054	-2.438E-06	0.
285	DEAD	0.	0.	0.	0.	0.	0.
285	G1	0.	0.	-749.77851	1.264E-09	-2.663E-10	0.
285	G2	0.	0.	-135.160596	0.019038	-7.165E-06	0.
285	Qm	0.	0.	-595.427032	0.062507	-0.008677	0.
285	Qs	0.	0.	-47.999998	5.883E-11	-9.738E-12	0.
285	T+	0.	0.	0.	0.	0.	4.627E-19
285	T-	0.	0.	0.	0.	0.	-4.627E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
285	W	0.	0.	100.450659	-0.047885	0.095672	0.
285	Qm-1	0.	0.	-654.170925	0.058348	-0.008703	0.
285	Qm-2	0.	0.	-64.838304	-0.005054	-2.794E-06	0.
286	DEAD	0.	0.	0.	0.	0.	0.
286	G1	0.	0.	-749.77851	1.264E-09	-2.664E-10	0.
286	G2	0.	0.	-138.96821	0.019039	-7.347E-06	0.
286	Qm	0.	0.	-607.927808	0.062501	-0.008678	0.
286	Qs	0.	0.	-47.999998	5.884E-11	-9.738E-12	0.
286	T+	0.	0.	0.	0.	0.	-4.675E-19
286	T-	0.	0.	0.	0.	0.	4.675E-19
286	W	0.	0.	110.028794	-0.047896	0.095671	0.
286	Qm-1	0.	0.	-665.841597	0.058358	-0.008704	0.
286	Qm-2	0.	0.	-63.827627	-0.005053	-3.153E-06	0.
287	DEAD	0.	0.	0.	0.	0.	0.
287	G1	0.	0.	-749.778511	1.264E-09	-2.664E-10	0.
287	G2	0.	0.	-142.776029	0.01904	-7.563E-06	0.
287	Qm	0.	0.	-620.427618	0.062497	-0.00868	0.
287	Qs	0.	0.	-47.999998	5.885E-11	-9.738E-12	0.
287	T+	0.	0.	0.	0.	0.	5.372E-19
287	T-	0.	0.	0.	0.	0.	-5.372E-19
287	W	0.	0.	119.60919	-0.047908	0.09567	0.
287	Qm-1	0.	0.	-677.514201	0.058368	-0.008705	0.
287	Qm-2	0.	0.	-62.817058	-0.005053	-3.516E-06	0.
288	DEAD	0.	0.	0.	0.	0.	0.
288	G1	0.	0.	-749.778511	1.265E-09	-2.664E-10	0.
288	G2	0.	0.	-146.584015	0.01904	-7.824E-06	0.
288	Qm	0.	0.	-632.926639	0.062493	-0.008681	0.
288	Qs	0.	0.	-47.999998	5.886E-11	-9.738E-12	0.
288	T+	0.	0.	0.	0.	0.	-5.765E-19
288	T-	0.	0.	0.	0.	0.	5.765E-19
288	W	0.	0.	129.191944	-0.04792	0.095669	0.
288	Qm-1	0.	0.	-689.188493	0.058375	-0.008707	0.
288	Qm-2	0.	0.	-61.806579	-0.005052	-3.878E-06	0.
289	DEAD	0.	0.	0.	0.	0.	0.
289	G1	0.	0.	-749.778511	1.265E-09	-2.665E-10	0.
289	G2	0.	0.	-150.392117	0.019041	-8.143E-06	0.
289	Qm	0.	0.	-645.425095	0.062491	-0.008682	0.
289	Qs	0.	0.	-47.999998	5.886E-11	-9.738E-12	0.
289	T+	0.	0.	0.	0.	0.	5.948E-19
289	T-	0.	0.	0.	0.	0.	-5.948E-19
289	W	0.	0.	138.777171	-0.047933	0.095667	0.
289	Qm-1	0.	0.	-700.864062	0.05838	-0.008707	0.
289	Qm-2	0.	0.	-60.796166	-0.005052	-4.235E-06	0.
290	DEAD	0.	0.	0.	0.	0.	0.
290	G1	0.	0.	-749.778511	1.265E-09	-2.665E-10	0.
290	G2	0.	0.	-154.200272	0.019041	-8.517E-06	0.
290	Qm	0.	0.	-657.923263	0.062491	-0.008683	0.
290	Qs	0.	0.	-47.999998	5.887E-11	-9.738E-12	0.
290	T+	0.	0.	0.	0.	0.	-6.174E-19
290	T-	0.	0.	0.	0.	0.	6.174E-19
290	W	0.	0.	148.364973	-0.047945	0.095668	0.
290	Qm-1	0.	0.	-712.540327	0.058382	-0.008708	0.
290	Qm-2	0.	0.	-59.78579	-0.005052	-4.586E-06	0.
291	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
291	G1	0.	0.	-749.778512	1.265E-09	-2.665E-10	0.
291	G2	0.	0.	-158.008406	0.019041	-8.899E-06	0.
291	Qm	0.	0.	-670.421449	0.062491	-0.008684	0.
291	Qs	0.	0.	-47.999998	5.887E-11	-9.737E-12	0.
291	T+	0.	0.	0.	0.	0.	6.231E-19
291	T-	0.	0.	0.	0.	0.	-6.231E-19
291	W	0.	0.	157.954942	-0.047955	0.095672	0.
291	Qm-1	0.	0.	-724.216747	0.058383	-0.008709	0.
291	Qm-2	0.	0.	-58.77542	-0.005052	-4.934E-06	0.
292	DEAD	0.	0.	0.	0.	0.	0.
292	G1	0.	0.	-749.778512	1.265E-09	-2.665E-10	0.
292	G2	0.	0.	-161.816455	0.01904	-9.283E-06	0.
292	Qm	0.	0.	-682.9199	0.062493	-0.008684	0.
292	Qs	0.	0.	-47.999998	5.887E-11	-9.737E-12	0.
292	T+	0.	0.	0.	0.	0.	-6.100E-19
292	T-	0.	0.	0.	0.	0.	6.100E-19
292	W	0.	0.	167.546046	-0.047956	0.095678	0.
292	Qm-1	0.	0.	-735.893469	0.058385	-0.00871	0.
292	Qm-2	0.	0.	-57.765024	-0.005052	-5.289E-06	0.
293	DEAD	0.	0.	0.	0.	0.	0.
293	G1	0.	0.	-749.778506	1.261E-09	-2.654E-10	0.
293	G2	0.	0.	-66.658096	0.019025	-4.316E-06	0.
293	Qm	0.	0.	-368.53462	0.062563	-0.008662	0.
293	Qs	0.	0.	-47.999998	5.867E-11	-9.710E-12	0.
293	T+	0.	0.	0.	0.	0.	-2.869E-19
293	T-	0.	0.	0.	0.	0.	2.869E-19
293	W	0.	0.	-90.858232	-0.047804	0.095664	0.
293	Qm-1	0.	0.	-442.441267	0.058339	-0.008687	0.
293	Qm-2	0.	0.	-83.03122	-0.00505	3.311E-06	0.
294	DEAD	0.	0.	0.	0.	0.	0.
294	G1	0.	0.	-749.778506	1.261E-09	-2.655E-10	0.
294	G2	0.	0.	-70.46307	0.019025	-4.217E-06	0.
294	Qm	0.	0.	-381.04737	0.062565	-0.008663	0.
294	Qs	0.	0.	-47.999998	5.867E-11	-9.712E-12	0.
294	T+	0.	0.	0.	0.	0.	2.994E-19
294	T-	0.	0.	0.	0.	0.	-2.994E-19
294	W	0.	0.	-81.29749	-0.047804	0.095666	0.
294	Qm-1	0.	0.	-454.109345	0.058342	-0.008688	0.
294	Qm-2	0.	0.	-82.021328	-0.005049	3.183E-06	0.
295	DEAD	0.	0.	0.	0.	0.	0.
295	G1	0.	0.	-749.778506	1.261E-09	-2.656E-10	0.
295	G2	0.	0.	-74.267957	0.019024	-4.130E-06	0.
295	Qm	0.	0.	-393.560521	0.062567	-0.008664	0.
295	Qs	0.	0.	-47.999998	5.867E-11	-9.713E-12	0.
295	T+	0.	0.	0.	0.	0.	-3.342E-19
295	T-	0.	0.	0.	0.	0.	3.342E-19
295	W	0.	0.	-71.73678	-0.047804	0.095668	0.
295	Qm-1	0.	0.	-465.777915	0.058344	-0.008689	0.
295	Qm-2	0.	0.	-81.011436	-0.00505	3.099E-06	0.
296	DEAD	0.	0.	0.	0.	0.	0.
296	G1	0.	0.	-749.778506	1.261E-09	-2.656E-10	0.
296	G2	0.	0.	-78.072789	0.019024	-4.057E-06	0.
296	Qm	0.	0.	-406.073895	0.062567	-0.008665	0.
296	Qs	0.	0.	-47.999998	5.867E-11	-9.715E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
296	T+	0.	0.	0.	0.	0.	3.781E-19
296	T-	0.	0.	0.	0.	0.	-3.781E-19
296	W	0.	0.	-62.17605	-0.047804	0.095669	0.
296	Qm-1	0.	0.	-477.446737	0.058344	-0.00869	0.
296	Qm-2	0.	0.	-80.001497	-0.00505	3.064E-06	0.
297	DEAD	0.	0.	0.	0.	0.	0.
297	G1	0.	0.	-749.778507	1.261E-09	-2.657E-10	0.
297	G2	0.	0.	-81.877598	0.019024	-3.998E-06	0.
297	Qm	0.	0.	-418.587173	0.062565	-0.008666	0.
297	Qs	0.	0.	-47.999998	5.867E-11	-9.717E-12	0.
297	T+	0.	0.	0.	0.	0.	-4.043E-19
297	T-	0.	0.	0.	0.	0.	4.043E-19
297	W	0.	0.	-52.615232	-0.047804	0.09567	0.
297	Qm-1	0.	0.	-489.115404	0.058342	-0.008691	0.
297	Qm-2	0.	0.	-78.991437	-0.005051	3.013E-06	0.
298	DEAD	0.	0.	0.	0.	0.	0.
298	G1	0.	0.	-749.778507	1.261E-09	-2.657E-10	0.
298	G2	0.	0.	-85.682417	0.019024	-3.952E-06	0.
298	Qm	0.	0.	-431.099924	0.062562	-0.008667	0.
298	Qs	0.	0.	-47.999998	5.868E-11	-9.718E-12	0.
298	T+	0.	0.	0.	0.	0.	4.636E-19
298	T-	0.	0.	0.	0.	0.	-4.636E-19
298	W	0.	0.	-43.054237	-0.047806	0.09567	0.
298	Qm-1	0.	0.	-500.783492	0.058339	-0.008692	0.
298	Qm-2	0.	0.	-77.981194	-0.005052	2.718E-06	0.
299	DEAD	0.	0.	0.	0.	0.	0.
299	G1	0.	0.	-749.778507	1.261E-09	-2.658E-10	0.
299	G2	0.	0.	-89.487282	0.019024	-3.919E-06	0.
299	Qm	0.	0.	-443.611758	0.062556	-0.008668	0.
299	Qs	0.	0.	-47.999998	5.869E-11	-9.720E-12	0.
299	T+	0.	0.	0.	0.	0.	-5.061E-19
299	T-	0.	0.	0.	0.	0.	5.061E-19
299	W	0.	0.	-33.492959	-0.047807	0.095671	0.
299	Qm-1	0.	0.	-512.45104	0.058336	-0.008693	0.
299	Qm-2	0.	0.	-76.970765	-0.005053	2.412E-06	0.
300	DEAD	0.	0.	0.	0.	0.	0.
300	G1	0.	0.	-749.778507	1.261E-09	-2.658E-10	0.
300	G2	0.	0.	-93.292227	0.019025	-3.899E-06	0.
300	Qm	0.	0.	-456.122487	0.062551	-0.008669	0.
300	Qs	0.	0.	-47.999998	5.870E-11	-9.721E-12	0.
300	T+	0.	0.	0.	0.	0.	5.545E-19
300	T-	0.	0.	0.	0.	0.	-5.545E-19
300	W	0.	0.	-23.931275	-0.04781	0.095671	0.
300	Qm-1	0.	0.	-524.118052	0.058333	-0.008695	0.
300	Qm-2	0.	0.	-75.960155	-0.005054	2.162E-06	0.
301	DEAD	0.	0.	0.	0.	0.	0.
301	G1	0.	0.	-749.778508	1.261E-09	-2.659E-10	0.
301	G2	0.	0.	-97.097284	0.019026	-3.890E-06	0.
301	Qm	0.	0.	-468.632156	0.062546	-0.008671	0.
301	Qs	0.	0.	-47.999998	5.871E-11	-9.723E-12	0.
301	T+	0.	0.	0.	0.	0.	-5.842E-19
301	T-	0.	0.	0.	0.	0.	5.842E-19
301	W	0.	0.	-14.369052	-0.047813	0.095671	0.
301	Qm-1	0.	0.	-535.784325	0.058329	-0.008697	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
301	Qm-2	0.	0.	-74.94934	-0.005055	1.900E-06	0.
302	DEAD	0.	0.	0.	0.	0.	0.
302	G1	0.	0.	-749.778508	1.261E-09	-2.660E-10	0.
302	G2	0.	0.	-100.902485	0.019026	-3.892E-06	0.
302	Qm	0.	0.	-481.141004	0.062543	-0.008673	0.
302	Qs	0.	0.	-47.999998	5.872E-11	-9.724E-12	0.
302	T+	0.	0.	0.	0.	0.	5.681E-19
302	T-	0.	0.	0.	0.	0.	-5.681E-19
302	W	0.	0.	-4.806146	-0.047816	0.095672	0.
302	Qm-1	0.	0.	-547.449615	0.058324	-0.008698	0.
302	Qm-2	0.	0.	-73.938311	-0.005056	1.397E-06	0.
303	DEAD	0.	0.	0.	0.	0.	0.
303	G1	0.	0.	-749.778508	1.261E-09	-2.660E-10	0.
303	G2	0.	0.	-104.707861	0.019027	-3.904E-06	0.
303	Qm	0.	0.	-493.649299	0.06254	-0.008674	0.
303	Qs	0.	0.	-47.999998	5.873E-11	-9.725E-12	0.
303	T+	0.	0.	0.	0.	0.	-5.263E-19
303	T-	0.	0.	0.	0.	0.	5.263E-19
303	W	0.	0.	4.757596	-0.047821	0.095672	0.
303	Qm-1	0.	0.	-559.114121	0.058321	-0.0087	0.
303	Qm-2	0.	0.	-72.92712	-0.005056	8.789E-07	0.
304	DEAD	0.	0.	0.	0.	0.	0.
304	G1	0.	0.	-749.778508	1.262E-09	-2.661E-10	0.
304	G2	0.	0.	-108.513437	0.019028	-3.925E-06	0.
304	Qm	0.	0.	-506.157177	0.062538	-0.008676	0.
304	Qs	0.	0.	-47.999998	5.875E-11	-9.726E-12	0.
304	T+	0.	0.	0.	0.	0.	5.273E-19
304	T-	0.	0.	0.	0.	0.	-5.273E-19
304	W	0.	0.	14.322329	-0.047826	0.095672	0.
304	Qm-1	0.	0.	-570.778004	0.058318	-0.008702	0.
304	Qm-2	0.	0.	-71.915837	-0.005057	4.119E-07	0.
305	DEAD	0.	0.	0.	0.	0.	0.
305	G1	0.	0.	-749.778509	1.262E-09	-2.662E-10	0.
305	G2	0.	0.	-112.319237	0.01903	-3.956E-06	0.
305	Qm	0.	0.	-518.664606	0.062536	-0.008678	0.
305	Qs	0.	0.	-47.999998	5.876E-11	-9.727E-12	0.
305	T+	0.	0.	0.	0.	0.	-5.246E-19
305	T-	0.	0.	0.	0.	0.	5.246E-19
305	W	0.	0.	23.888212	-0.047833	0.095672	0.
305	Qm-1	0.	0.	-582.441229	0.058314	-0.008704	0.
305	Qm-2	0.	0.	-70.904519	-0.005057	-5.192E-09	0.
306	DEAD	0.	0.	0.	0.	0.	0.
306	G1	0.	0.	-749.778509	1.262E-09	-2.662E-10	0.
306	G2	0.	0.	-116.125281	0.019031	-3.996E-06	0.
306	Qm	0.	0.	-531.171418	0.062532	-0.00868	0.
306	Qs	0.	0.	-47.999998	5.877E-11	-9.728E-12	0.
306	T+	0.	0.	0.	0.	0.	5.070E-19
306	T-	0.	0.	0.	0.	0.	-5.070E-19
306	W	0.	0.	33.455405	-0.04784	0.095672	0.
306	Qm-1	0.	0.	-594.103793	0.058312	-0.008706	0.
306	Qm-2	0.	0.	-69.89321	-0.005056	-3.780E-07	0.
307	DEAD	0.	0.	0.	0.	0.	0.
307	G1	0.	0.	-749.778509	1.262E-09	-2.663E-10	0.
307	G2	0.	0.	-119.931583	0.019032	-4.045E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
307	Qm	0.	0.	-543.677401	0.062528	-0.008682	0.
307	Qs	0.	0.	-47.999998	5.879E-11	-9.729E-12	0.
307	T+	0.	0.	0.	0.	0.	-5.264E-19
307	T-	0.	0.	0.	0.	0.	5.264E-19
307	W	0.	0.	43.024068	-0.047847	0.095671	0.
307	Qm-1	0.	0.	-605.766382	0.058314	-0.008708	0.
307	Qm-2	0.	0.	-68.881947	-0.005056	-7.152E-07	0.
308	DEAD	0.	0.	0.	0.	0.	0.
308	G1	0.	0.	-749.778509	1.262E-09	-2.664E-10	0.
308	G2	0.	0.	-123.738151	0.019034	-4.105E-06	0.
308	Qm	0.	0.	-556.182385	0.062522	-0.008683	0.
308	Qs	0.	0.	-47.999998	5.880E-11	-9.729E-12	0.
308	T+	0.	0.	0.	0.	0.	5.273E-19
308	T-	0.	0.	0.	0.	0.	-5.273E-19
308	W	0.	0.	52.594363	-0.047856	0.095671	0.
308	Qm-1	0.	0.	-617.429728	0.05832	-0.00871	0.
308	Qm-2	0.	0.	-67.87076	-0.005056	-1.025E-06	0.
309	DEAD	0.	0.	0.	0.	0.	0.
309	G1	0.	0.	-749.77851	1.263E-09	-2.664E-10	0.
309	G2	0.	0.	-127.544988	0.019035	-4.175E-06	0.
309	Qm	0.	0.	-568.686265	0.062517	-0.008685	0.
309	Qs	0.	0.	-47.999998	5.881E-11	-9.729E-12	0.
309	T+	0.	0.	0.	0.	0.	-5.014E-19
309	T-	0.	0.	0.	0.	0.	5.014E-19
309	W	0.	0.	62.166443	-0.047865	0.095671	0.
309	Qm-1	0.	0.	-629.094394	0.058327	-0.008712	0.
309	Qm-2	0.	0.	-66.85967	-0.005055	-1.317E-06	0.
310	DEAD	0.	0.	0.	0.	0.	0.
310	G1	0.	0.	-749.77851	1.263E-09	-2.665E-10	0.
310	G2	0.	0.	-131.352089	0.019036	-4.258E-06	0.
310	Qm	0.	0.	-581.188995	0.062511	-0.008686	0.
310	Qs	0.	0.	-47.999998	5.882E-11	-9.729E-12	0.
310	T+	0.	0.	0.	0.	0.	5.003E-19
310	T-	0.	0.	0.	0.	0.	-5.003E-19
310	W	0.	0.	71.740457	-0.047875	0.09567	0.
310	Qm-1	0.	0.	-640.760783	0.058337	-0.008714	0.
310	Qm-2	0.	0.	-65.848694	-0.005055	-1.596E-06	0.
311	DEAD	0.	0.	0.	0.	0.	0.
311	G1	0.	0.	-749.77851	1.264E-09	-2.665E-10	0.
311	G2	0.	0.	-135.159442	0.019037	-4.356E-06	0.
311	Qm	0.	0.	-593.690587	0.062505	-0.008687	0.
311	Qs	0.	0.	-47.999998	5.883E-11	-9.729E-12	0.
311	T+	0.	0.	0.	0.	0.	-4.844E-19
311	T-	0.	0.	0.	0.	0.	4.844E-19
311	W	0.	0.	81.316544	-0.047886	0.09567	0.
311	Qm-1	0.	0.	-652.429134	0.058347	-0.008715	0.
311	Qm-2	0.	0.	-64.837837	-0.005054	-1.869E-06	0.
312	DEAD	0.	0.	0.	0.	0.	0.
312	G1	0.	0.	-749.77851	1.264E-09	-2.665E-10	0.
312	G2	0.	0.	-138.967026	0.019038	-4.473E-06	0.
312	Qm	0.	0.	-606.191111	0.0625	-0.008689	0.
312	Qs	0.	0.	-47.999998	5.884E-11	-9.730E-12	0.
312	T+	0.	0.	0.	0.	0.	4.894E-19
312	T-	0.	0.	0.	0.	0.	-4.894E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
312	W	0.	0.	90.894829	-0.047897	0.095669	0.
312	Qm-1	0.	0.	-664.099527	0.058357	-0.008717	0.
312	Qm-2	0.	0.	-63.827097	-0.005053	-2.138E-06	0.
313	DEAD	0.	0.	0.	0.	0.	0.
313	G1	0.	0.	-749.778511	1.264E-09	-2.666E-10	0.
313	G2	0.	0.	-142.774809	0.019039	-4.614E-06	0.
313	Qm	0.	0.	-618.690688	0.062496	-0.00869	0.
313	Qs	0.	0.	-47.999998	5.885E-11	-9.729E-12	0.
313	T+	0.	0.	0.	0.	0.	-5.233E-19
313	T-	0.	0.	0.	0.	0.	5.233E-19
313	W	0.	0.	100.475422	-0.047909	0.095668	0.
313	Qm-1	0.	0.	-675.771882	0.058366	-0.008718	0.
313	Qm-2	0.	0.	-62.816465	-0.005053	-2.402E-06	0.
314	DEAD	0.	0.	0.	0.	0.	0.
314	G1	0.	0.	-749.778511	1.265E-09	-2.666E-10	0.
314	G2	0.	0.	-146.582751	0.01904	-4.787E-06	0.
314	Qm	0.	0.	-631.189494	0.062492	-0.008691	0.
314	Qs	0.	0.	-47.999998	5.886E-11	-9.729E-12	0.
314	T+	0.	0.	0.	0.	0.	5.461E-19
314	T-	0.	0.	0.	0.	0.	-5.461E-19
314	W	0.	0.	110.058407	-0.047921	0.095667	0.
314	Qm-1	0.	0.	-687.44595	0.058374	-0.008719	0.
314	Qm-2	0.	0.	-61.805924	-0.005053	-2.663E-06	0.
315	DEAD	0.	0.	0.	0.	0.	0.
315	G1	0.	0.	-749.778511	1.265E-09	-2.666E-10	0.
315	G2	0.	0.	-150.3908	0.01904	-4.995E-06	0.
315	Qm	0.	0.	-643.687752	0.06249	-0.008692	0.
315	Qs	0.	0.	-47.999998	5.886E-11	-9.729E-12	0.
315	T+	0.	0.	0.	0.	0.	-5.987E-19
315	T-	0.	0.	0.	0.	0.	5.987E-19
315	W	0.	0.	119.643808	-0.047933	0.095667	0.
315	Qm-1	0.	0.	-699.12132	0.058379	-0.00872	0.
315	Qm-2	0.	0.	-60.795449	-0.005052	-2.917E-06	0.
316	DEAD	0.	0.	0.	0.	0.	0.
316	G1	0.	0.	-749.778511	1.265E-09	-2.666E-10	0.
316	G2	0.	0.	-154.198893	0.01904	-5.228E-06	0.
316	Qm	0.	0.	-656.185738	0.06249	-0.008693	0.
316	Qs	0.	0.	-47.999998	5.887E-11	-9.729E-12	0.
316	T+	0.	0.	0.	0.	0.	6.046E-19
316	T-	0.	0.	0.	0.	0.	-6.046E-19
316	W	0.	0.	129.231462	-0.047943	0.095667	0.
316	Qm-1	0.	0.	-710.797406	0.058381	-0.008721	0.
316	Qm-2	0.	0.	-59.785013	-0.005052	-3.166E-06	0.
317	DEAD	0.	0.	0.	0.	0.	0.
317	G1	0.	0.	-749.778512	1.265E-09	-2.667E-10	0.
317	G2	0.	0.	-158.006965	0.01904	-5.470E-06	0.
317	Qm	0.	0.	-668.683759	0.062491	-0.008693	0.
317	Qs	0.	0.	-47.999998	5.887E-11	-9.729E-12	0.
317	T+	0.	0.	0.	0.	0.	-5.883E-19
317	T-	0.	0.	0.	0.	0.	5.883E-19
317	W	0.	0.	138.820861	-0.04795	0.095669	0.
317	Qm-1	0.	0.	-722.473664	0.058382	-0.008722	0.
317	Qm-2	0.	0.	-58.774585	-0.005052	-3.412E-06	0.
318	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
318	G1	0.	0.	-749.778512	1.265E-09	-2.667E-10	0.
318	G2	0.	0.	-161.814949	0.01904	-5.723E-06	0.
318	Qm	0.	0.	-681.18206	0.062492	-0.008694	0.
318	Qs	0.	0.	-47.999998	5.887E-11	-9.728E-12	0.
318	T+	0.	0.	0.	0.	0.	5.833E-19
318	T-	0.	0.	0.	0.	0.	-5.833E-19
318	W	0.	0.	148.411119	-0.047952	0.095671	0.
318	Qm-1	0.	0.	-734.150241	0.058384	-0.008723	0.
318	Qm-2	0.	0.	-57.764127	-0.005052	-3.660E-06	0.
319	DEAD	0.	0.	0.	0.	0.	0.
319	G1	0.	0.	-749.778506	1.261E-09	-2.657E-10	0.
319	G2	0.	0.	-66.657519	0.019025	-1.446E-06	0.
319	Qm	0.	0.	-366.800966	0.062562	-0.008674	0.
319	Qs	0.	0.	-47.999998	5.866E-11	-9.702E-12	0.
319	T+	0.	0.	0.	0.	0.	3.150E-19
319	T-	0.	0.	0.	0.	0.	-3.150E-19
319	W	0.	0.	-109.991026	-0.047802	0.095664	0.
319	Qm-1	0.	0.	-440.702406	0.058338	-0.008702	0.
319	Qm-2	0.	0.	-83.031809	-0.00505	2.561E-06	0.
320	DEAD	0.	0.	0.	0.	0.	0.
320	G1	0.	0.	-749.778506	1.261E-09	-2.658E-10	0.
320	G2	0.	0.	-70.462506	0.019025	-1.413E-06	0.
320	Qm	0.	0.	-379.313522	0.062564	-0.008675	0.
320	Qs	0.	0.	-47.999998	5.866E-11	-9.704E-12	0.
320	T+	0.	0.	0.	0.	0.	-3.252E-19
320	T-	0.	0.	0.	0.	0.	3.252E-19
320	W	0.	0.	-100.430637	-0.047802	0.095666	0.
320	Qm-1	0.	0.	-452.370258	0.058341	-0.008703	0.
320	Qm-2	0.	0.	-82.021895	-0.00505	2.457E-06	0.
321	DEAD	0.	0.	0.	0.	0.	0.
321	G1	0.	0.	-749.778506	1.261E-09	-2.658E-10	0.
321	G2	0.	0.	-74.267405	0.019024	-1.384E-06	0.
321	Qm	0.	0.	-391.826491	0.062566	-0.008676	0.
321	Qs	0.	0.	-47.999998	5.866E-11	-9.706E-12	0.
321	T+	0.	0.	0.	0.	0.	3.673E-19
321	T-	0.	0.	0.	0.	0.	-3.673E-19
321	W	0.	0.	-90.870217	-0.047802	0.095667	0.
321	Qm-1	0.	0.	-464.038617	0.058343	-0.008704	0.
321	Qm-2	0.	0.	-81.011988	-0.00505	2.386E-06	0.
322	DEAD	0.	0.	0.	0.	0.	0.
322	G1	0.	0.	-749.778506	1.261E-09	-2.659E-10	0.
322	G2	0.	0.	-78.072246	0.019024	-1.360E-06	0.
322	Qm	0.	0.	-404.339684	0.062566	-0.008677	0.
322	Qs	0.	0.	-47.999998	5.867E-11	-9.708E-12	0.
322	T+	0.	0.	0.	0.	0.	-4.050E-19
322	T-	0.	0.	0.	0.	0.	4.050E-19
322	W	0.	0.	-81.309723	-0.047803	0.095668	0.
322	Qm-1	0.	0.	-475.707229	0.058343	-0.008705	0.
322	Qm-2	0.	0.	-80.002042	-0.00505	2.338E-06	0.
323	DEAD	0.	0.	0.	0.	0.	0.
323	G1	0.	0.	-749.778507	1.261E-09	-2.659E-10	0.
323	G2	0.	0.	-81.877063	0.019024	-1.340E-06	0.
323	Qm	0.	0.	-416.852772	0.062564	-0.008678	0.
323	Qs	0.	0.	-47.999998	5.867E-11	-9.709E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
323	T+	0.	0.	0.	0.	0.	4.250E-19
323	T-	0.	0.	0.	0.	0.	-4.250E-19
323	W	0.	0.	-71.749091	-0.047804	0.095669	0.
323	Qm-1	0.	0.	-487.375676	0.058341	-0.008706	0.
323	Qm-2	0.	0.	-78.991977	-0.005051	2.250E-06	0.
324	DEAD	0.	0.	0.	0.	0.	0.
324	G1	0.	0.	-749.778507	1.261E-09	-2.660E-10	0.
324	G2	0.	0.	-85.681889	0.019024	-1.325E-06	0.
324	Qm	0.	0.	-429.365313	0.062561	-0.008679	0.
324	Qs	0.	0.	-47.999998	5.868E-11	-9.710E-12	0.
324	T+	0.	0.	0.	0.	0.	-4.782E-19
324	T-	0.	0.	0.	0.	0.	4.782E-19
324	W	0.	0.	-62.188237	-0.047805	0.09567	0.
324	Qm-1	0.	0.	-499.043528	0.058338	-0.008708	0.
324	Qm-2	0.	0.	-77.981682	-0.005052	2.096E-06	0.
325	DEAD	0.	0.	0.	0.	0.	0.
325	G1	0.	0.	-749.778507	1.261E-09	-2.660E-10	0.
325	G2	0.	0.	-89.486758	0.019025	-1.314E-06	0.
325	Qm	0.	0.	-441.876908	0.062555	-0.008681	0.
325	Qs	0.	0.	-47.999998	5.869E-11	-9.711E-12	0.
325	T+	0.	0.	0.	0.	0.	5.381E-19
325	T-	0.	0.	0.	0.	0.	-5.381E-19
325	W	0.	0.	-52.627063	-0.047807	0.09567	0.
325	Qm-1	0.	0.	-510.710815	0.058335	-0.008709	0.
325	Qm-2	0.	0.	-76.971202	-0.005053	1.909E-06	0.
326	DEAD	0.	0.	0.	0.	0.	0.
326	G1	0.	0.	-749.778507	1.261E-09	-2.661E-10	0.
326	G2	0.	0.	-93.291705	0.019025	-1.307E-06	0.
326	Qm	0.	0.	-454.387367	0.062549	-0.008682	0.
326	Qs	0.	0.	-47.999998	5.870E-11	-9.713E-12	0.
326	T+	0.	0.	0.	0.	0.	-5.855E-19
326	T-	0.	0.	0.	0.	0.	5.855E-19
326	W	0.	0.	-43.065453	-0.047809	0.095671	0.
326	Qm-1	0.	0.	-522.377538	0.058332	-0.00871	0.
326	Qm-2	0.	0.	-75.960551	-0.005054	1.738E-06	0.
327	DEAD	0.	0.	0.	0.	0.	0.
327	G1	0.	0.	-749.778508	1.261E-09	-2.661E-10	0.
327	G2	0.	0.	-97.096764	0.019026	-1.304E-06	0.
327	Qm	0.	0.	-466.896736	0.062544	-0.008683	0.
327	Qs	0.	0.	-47.999998	5.871E-11	-9.714E-12	0.
327	T+	0.	0.	0.	0.	0.	6.236E-19
327	T-	0.	0.	0.	0.	0.	-6.236E-19
327	W	0.	0.	-33.503279	-0.047813	0.095671	0.
327	Qm-1	0.	0.	-534.043495	0.058327	-0.008712	0.
327	Qm-2	0.	0.	-74.949698	-0.005055	1.533E-06	0.
328	DEAD	0.	0.	0.	0.	0.	0.
328	G1	0.	0.	-749.778508	1.261E-09	-2.662E-10	0.
328	G2	0.	0.	-100.901965	0.019026	-1.305E-06	0.
328	Qm	0.	0.	-479.405259	0.062541	-0.008685	0.
328	Qs	0.	0.	-47.999998	5.872E-11	-9.715E-12	0.
328	T+	0.	0.	0.	0.	0.	-6.078E-19
328	T-	0.	0.	0.	0.	0.	6.078E-19
328	W	0.	0.	-23.940402	-0.047816	0.095671	0.
328	Qm-1	0.	0.	-545.708443	0.058323	-0.008713	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
328	Qm-2	0.	0.	-73.938582	-0.005056	1.259E-06	0.
329	DEAD	0.	0.	0.	0.	0.	0.
329	G1	0.	0.	-749.778508	1.261E-09	-2.663E-10	0.
329	G2	0.	0.	-104.707339	0.019027	-1.309E-06	0.
329	Qm	0.	0.	-491.913215	0.062539	-0.008686	0.
329	Qs	0.	0.	-47.999998	5.873E-11	-9.716E-12	0.
329	T+	0.	0.	0.	0.	0.	5.590E-19
329	T-	0.	0.	0.	0.	0.	-5.590E-19
329	W	0.	0.	-14.376676	-0.047821	0.095671	0.
329	Qm-1	0.	0.	-557.372588	0.058319	-0.008715	0.
329	Qm-2	0.	0.	-72.927304	-0.005057	9.404E-07	0.
330	DEAD	0.	0.	0.	0.	0.	0.
330	G1	0.	0.	-749.778508	1.261E-09	-2.663E-10	0.
330	G2	0.	0.	-108.512912	0.019028	-1.316E-06	0.
330	Qm	0.	0.	-504.420746	0.062537	-0.008688	0.
330	Qs	0.	0.	-47.999998	5.875E-11	-9.717E-12	0.
330	T+	0.	0.	0.	0.	0.	-5.681E-19
330	T-	0.	0.	0.	0.	0.	5.681E-19
330	W	0.	0.	-4.811947	-0.047826	0.095671	0.
330	Qm-1	0.	0.	-569.036099	0.058316	-0.008717	0.
330	Qm-2	0.	0.	-71.915944	-0.005057	6.383E-07	0.
331	DEAD	0.	0.	0.	0.	0.	0.
331	G1	0.	0.	-749.778509	1.262E-09	-2.664E-10	0.
331	G2	0.	0.	-112.318708	0.01903	-1.326E-06	0.
331	Qm	0.	0.	-516.927831	0.062534	-0.00869	0.
331	Qs	0.	0.	-47.999998	5.876E-11	-9.718E-12	0.
331	T+	0.	0.	0.	0.	0.	5.842E-19
331	T-	0.	0.	0.	0.	0.	-5.842E-19
331	W	0.	0.	4.753943	-0.047833	0.095671	0.
331	Qm-1	0.	0.	-580.698948	0.058312	-0.008718	0.
331	Qm-2	0.	0.	-70.904556	-0.005057	3.649E-07	0.
332	DEAD	0.	0.	0.	0.	0.	0.
332	G1	0.	0.	-749.778509	1.262E-09	-2.664E-10	0.
332	G2	0.	0.	-116.124747	0.019031	-1.339E-06	0.
332	Qm	0.	0.	-529.434309	0.062531	-0.008691	0.
332	Qs	0.	0.	-47.999998	5.877E-11	-9.719E-12	0.
332	T+	0.	0.	0.	0.	0.	-5.662E-19
332	T-	0.	0.	0.	0.	0.	5.662E-19
332	W	0.	0.	14.321154	-0.04784	0.095671	0.
332	Qm-1	0.	0.	-592.361142	0.05831	-0.00872	0.
332	Qm-2	0.	0.	-69.893184	-0.005057	1.147E-07	0.
333	DEAD	0.	0.	0.	0.	0.	0.
333	G1	0.	0.	-749.778509	1.262E-09	-2.665E-10	0.
333	G2	0.	0.	-119.931042	0.019032	-1.356E-06	0.
333	Qm	0.	0.	-541.939971	0.062526	-0.008693	0.
333	Qs	0.	0.	-47.999998	5.879E-11	-9.720E-12	0.
333	T+	0.	0.	0.	0.	0.	5.829E-19
333	T-	0.	0.	0.	0.	0.	-5.829E-19
333	W	0.	0.	23.889846	-0.047847	0.095671	0.
333	Qm-1	0.	0.	-604.02337	0.058313	-0.008722	0.
333	Qm-2	0.	0.	-68.881864	-0.005056	-1.177E-07	0.
334	DEAD	0.	0.	0.	0.	0.	0.
334	G1	0.	0.	-749.778509	1.262E-09	-2.665E-10	0.
334	G2	0.	0.	-123.737602	0.019033	-1.376E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
334	Qm	0.	0.	-554.44465	0.062521	-0.008694	0.
334	Qs	0.	0.	-47.999998	5.880E-11	-9.721E-12	0.
334	T+	0.	0.	0.	0.	0.	-6.067E-19
334	T-	0.	0.	0.	0.	0.	6.067E-19
334	W	0.	0.	33.460181	-0.047856	0.095671	0.
334	Qm-1	0.	0.	-615.686369	0.058318	-0.008723	0.
334	Qm-2	0.	0.	-67.870624	-0.005056	-3.356E-07	0.
335	DEAD	0.	0.	0.	0.	0.	0.
335	G1	0.	0.	-749.77851	1.263E-09	-2.666E-10	0.
335	G2	0.	0.	-127.544429	0.019035	-1.400E-06	0.
335	Qm	0.	0.	-566.948242	0.062515	-0.008696	0.
335	Qs	0.	0.	-47.999998	5.881E-11	-9.721E-12	0.
335	T+	0.	0.	0.	0.	0.	6.262E-19
335	T-	0.	0.	0.	0.	0.	-6.262E-19
335	W	0.	0.	43.032315	-0.047865	0.095671	0.
335	Qm-1	0.	0.	-627.350707	0.058326	-0.008725	0.
335	Qm-2	0.	0.	-66.859485	-0.005055	-5.408E-07	0.
336	DEAD	0.	0.	0.	0.	0.	0.
336	G1	0.	0.	-749.77851	1.263E-09	-2.666E-10	0.
336	G2	0.	0.	-131.351519	0.019036	-1.428E-06	0.
336	Qm	0.	0.	-579.450703	0.062509	-0.008697	0.
336	Qs	0.	0.	-47.999998	5.882E-11	-9.721E-12	0.
336	T+	0.	0.	0.	0.	0.	-5.821E-19
336	T-	0.	0.	0.	0.	0.	5.821E-19
336	W	0.	0.	52.606401	-0.047876	0.09567	0.
336	Qm-1	0.	0.	-639.016785	0.058335	-0.008726	0.
336	Qm-2	0.	0.	-65.848461	-0.005055	-7.346E-07	0.
337	DEAD	0.	0.	0.	0.	0.	0.
337	G1	0.	0.	-749.77851	1.264E-09	-2.667E-10	0.
337	G2	0.	0.	-135.158859	0.019037	-1.462E-06	0.
337	Qm	0.	0.	-591.952046	0.062504	-0.008698	0.
337	Qs	0.	0.	-47.999998	5.883E-11	-9.722E-12	0.
337	T+	0.	0.	0.	0.	0.	5.157E-19
337	T-	0.	0.	0.	0.	0.	-5.157E-19
337	W	0.	0.	62.182584	-0.047886	0.09567	0.
337	Qm-1	0.	0.	-650.684846	0.058345	-0.008728	0.
337	Qm-2	0.	0.	-64.837558	-0.005054	-9.178E-07	0.
338	DEAD	0.	0.	0.	0.	0.	0.
338	G1	0.	0.	-749.77851	1.264E-09	-2.667E-10	0.
338	G2	0.	0.	-138.966427	0.019038	-1.502E-06	0.
338	Qm	0.	0.	-604.452337	0.062499	-0.008699	0.
338	Qs	0.	0.	-47.999998	5.884E-11	-9.721E-12	0.
338	T+	0.	0.	0.	0.	0.	-5.122E-19
338	T-	0.	0.	0.	0.	0.	5.122E-19
338	W	0.	0.	71.760998	-0.047898	0.095669	0.
338	Qm-1	0.	0.	-662.354968	0.058356	-0.008729	0.
338	Qm-2	0.	0.	-63.826774	-0.005054	-1.091E-06	0.
339	DEAD	0.	0.	0.	0.	0.	0.
339	G1	0.	0.	-749.778511	1.264E-09	-2.667E-10	0.
339	G2	0.	0.	-142.774191	0.019039	-1.551E-06	0.
339	Qm	0.	0.	-616.951699	0.062495	-0.0087	0.
339	Qs	0.	0.	-47.999998	5.885E-11	-9.722E-12	0.
339	T+	0.	0.	0.	0.	0.	5.417E-19
339	T-	0.	0.	0.	0.	0.	-5.417E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
339	W	0.	0.	81.341756	-0.04791	0.095669	0.
339	Qm-1	0.	0.	-674.027068	0.058365	-0.00873	0.
339	Qm-2	0.	0.	-62.816099	-0.005053	-1.256E-06	0.
340	DEAD	0.	0.	0.	0.	0.	0.
340	G1	0.	0.	-749.778511	1.265E-09	-2.668E-10	0.
340	G2	0.	0.	-146.582109	0.01904	-1.612E-06	0.
340	Qm	0.	0.	-629.450305	0.062491	-0.008701	0.
340	Qs	0.	0.	-47.999998	5.886E-11	-9.721E-12	0.
340	T+	0.	0.	0.	0.	0.	-5.657E-19
340	T-	0.	0.	0.	0.	0.	5.657E-19
340	W	0.	0.	90.924924	-0.047922	0.095668	0.
340	Qm-1	0.	0.	-685.700898	0.058373	-0.008732	0.
340	Qm-2	0.	0.	-61.805516	-0.005053	-1.412E-06	0.
341	DEAD	0.	0.	0.	0.	0.	0.
341	G1	0.	0.	-749.778511	1.265E-09	-2.668E-10	0.
341	G2	0.	0.	-150.39013	0.01904	-1.683E-06	0.
341	Qm	0.	0.	-641.948378	0.062489	-0.008702	0.
341	Qs	0.	0.	-47.999998	5.886E-11	-9.721E-12	0.
341	T+	0.	0.	0.	0.	0.	5.854E-19
341	T-	0.	0.	0.	0.	0.	-5.854E-19
341	W	0.	0.	100.510463	-0.047933	0.095667	0.
341	Qm-1	0.	0.	-697.376045	0.058378	-0.008733	0.
341	Qm-2	0.	0.	-60.795001	-0.005052	-1.561E-06	0.
342	DEAD	0.	0.	0.	0.	0.	0.
342	G1	0.	0.	-749.778511	1.265E-09	-2.668E-10	0.
342	G2	0.	0.	-154.198192	0.01904	-1.762E-06	0.
342	Qm	0.	0.	-654.446193	0.062489	-0.008703	0.
342	Qs	0.	0.	-47.999998	5.887E-11	-9.721E-12	0.
342	T+	0.	0.	0.	0.	0.	-5.831E-19
342	T-	0.	0.	0.	0.	0.	5.831E-19
342	W	0.	0.	110.098127	-0.047943	0.095667	0.
342	Qm-1	0.	0.	-709.051919	0.05838	-0.008734	0.
342	Qm-2	0.	0.	-59.784526	-0.005052	-1.705E-06	0.
343	DEAD	0.	0.	0.	0.	0.	0.
343	G1	0.	0.	-749.778512	1.265E-09	-2.668E-10	0.
343	G2	0.	0.	-158.006231	0.01904	-1.845E-06	0.
343	Qm	0.	0.	-666.944053	0.06249	-0.008704	0.
343	Qs	0.	0.	-47.999998	5.887E-11	-9.721E-12	0.
343	T+	0.	0.	0.	0.	0.	5.503E-19
343	T-	0.	0.	0.	0.	0.	-5.503E-19
343	W	0.	0.	119.687387	-0.047949	0.095666	0.
343	Qm-1	0.	0.	-720.727978	0.058381	-0.008735	0.
343	Qm-2	0.	0.	-58.774059	-0.005052	-1.843E-06	0.
344	DEAD	0.	0.	0.	0.	0.	0.
344	G1	0.	0.	-749.778512	1.265E-09	-2.669E-10	0.
344	G2	0.	0.	-161.814181	0.019039	-1.932E-06	0.
344	Qm	0.	0.	-679.442202	0.062492	-0.008704	0.
344	Qs	0.	0.	-47.999998	5.887E-11	-9.720E-12	0.
344	T+	0.	0.	0.	0.	0.	-5.546E-19
344	T-	0.	0.	0.	0.	0.	5.546E-19
344	W	0.	0.	129.277433	-0.047951	0.095666	0.
344	Qm-1	0.	0.	-732.404364	0.058383	-0.008736	0.
344	Qm-2	0.	0.	-57.763563	-0.005053	-1.979E-06	0.
345	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
345	G1	0.	0.	-749.778506	1.261E-09	-2.660E-10	0.
345	G2	0.	0.	-66.657519	0.019025	1.446E-06	0.
345	Qm	0.	0.	-365.064843	0.062561	-0.008687	0.
345	Qs	0.	0.	-47.999998	5.866E-11	-9.696E-12	0.
345	T+	0.	0.	0.	0.	0.	-3.238E-19
345	T-	0.	0.	0.	0.	0.	3.238E-19
345	W	0.	0.	-129.123848	-0.0478	0.095665	0.
345	Qm-1	0.	0.	-438.960411	0.058337	-0.008718	0.
345	Qm-2	0.	0.	-83.032238	-0.00505	1.717E-06	0.
346	DEAD	0.	0.	0.	0.	0.	0.
346	G1	0.	0.	-749.778506	1.261E-09	-2.661E-10	0.
346	G2	0.	0.	-70.462506	0.019025	1.413E-06	0.
346	Qm	0.	0.	-377.577199	0.062563	-0.008688	0.
346	Qs	0.	0.	-47.999998	5.866E-11	-9.698E-12	0.
346	T+	0.	0.	0.	0.	0.	3.505E-19
346	T-	0.	0.	0.	0.	0.	-3.505E-19
346	W	0.	0.	-119.563817	-0.0478	0.095667	0.
346	Qm-1	0.	0.	-450.628043	0.05834	-0.008719	0.
346	Qm-2	0.	0.	-82.022304	-0.00505	1.619E-06	0.
347	DEAD	0.	0.	0.	0.	0.	0.
347	G1	0.	0.	-749.778506	1.261E-09	-2.661E-10	0.
347	G2	0.	0.	-74.267405	0.019024	1.384E-06	0.
347	Qm	0.	0.	-390.089971	0.062565	-0.008689	0.
347	Qs	0.	0.	-47.999998	5.866E-11	-9.699E-12	0.
347	T+	0.	0.	0.	0.	0.	-4.102E-19
347	T-	0.	0.	0.	0.	0.	4.102E-19
347	W	0.	0.	-110.003692	-0.047801	0.095668	0.
347	Qm-1	0.	0.	-462.296184	0.058342	-0.00872	0.
347	Qm-2	0.	0.	-81.012381	-0.00505	1.525E-06	0.
348	DEAD	0.	0.	0.	0.	0.	0.
348	G1	0.	0.	-749.778506	1.261E-09	-2.662E-10	0.
348	G2	0.	0.	-78.072246	0.019024	1.360E-06	0.
348	Qm	0.	0.	-402.602963	0.062565	-0.00869	0.
348	Qs	0.	0.	-47.999998	5.867E-11	-9.700E-12	0.
348	T+	0.	0.	0.	0.	0.	4.444E-19
348	T-	0.	0.	0.	0.	0.	-4.444E-19
348	W	0.	0.	-100.443439	-0.047802	0.095669	0.
348	Qm-1	0.	0.	-473.964576	0.058342	-0.008721	0.
348	Qm-2	0.	0.	-80.00242	-0.00505	1.434E-06	0.
349	DEAD	0.	0.	0.	0.	0.	0.
349	G1	0.	0.	-749.778507	1.261E-09	-2.662E-10	0.
349	G2	0.	0.	-81.877063	0.019024	1.340E-06	0.
349	Qm	0.	0.	-415.115842	0.062563	-0.008691	0.
349	Qs	0.	0.	-47.999998	5.867E-11	-9.702E-12	0.
349	T+	0.	0.	0.	0.	0.	-4.301E-19
349	T-	0.	0.	0.	0.	0.	4.301E-19
349	W	0.	0.	-90.882997	-0.047803	0.09567	0.
349	Qm-1	0.	0.	-485.632796	0.05834	-0.008722	0.
349	Qm-2	0.	0.	-78.992327	-0.005051	1.348E-06	0.
350	DEAD	0.	0.	0.	0.	0.	0.
350	G1	0.	0.	-749.778507	1.261E-09	-2.663E-10	0.
350	G2	0.	0.	-85.681889	0.019024	1.325E-06	0.
350	Qm	0.	0.	-427.62816	0.062559	-0.008692	0.
350	Qs	0.	0.	-47.999998	5.868E-11	-9.703E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
350	T+	0.	0.	0.	0.	0.	4.659E-19
350	T-	0.	0.	0.	0.	0.	-4.659E-19
350	W	0.	0.	-81.322292	-0.047804	0.095671	0.
350	Qm-1	0.	0.	-497.300408	0.058337	-0.008724	0.
350	Qm-2	0.	0.	-77.982019	-0.005052	1.266E-06	0.
351	DEAD	0.	0.	0.	0.	0.	0.
351	G1	0.	0.	-749.778507	1.261E-09	-2.663E-10	0.
351	G2	0.	0.	-89.486758	0.019025	1.314E-06	0.
351	Qm	0.	0.	-440.139517	0.062554	-0.008693	0.
351	Qs	0.	0.	-47.999998	5.869E-11	-9.704E-12	0.
351	T+	0.	0.	0.	0.	0.	-5.355E-19
351	T-	0.	0.	0.	0.	0.	5.355E-19
351	W	0.	0.	-71.761228	-0.047806	0.095672	0.
351	Qm-1	0.	0.	-508.967442	0.058334	-0.008725	0.
351	Qm-2	0.	0.	-76.971514	-0.005053	1.187E-06	0.
352	DEAD	0.	0.	0.	0.	0.	0.
352	G1	0.	0.	-749.778507	1.261E-09	-2.664E-10	0.
352	G2	0.	0.	-93.291705	0.019025	1.307E-06	0.
352	Qm	0.	0.	-452.64972	0.062548	-0.008695	0.
352	Qs	0.	0.	-47.999998	5.870E-11	-9.705E-12	0.
352	T+	0.	0.	0.	0.	0.	5.950E-19
352	T-	0.	0.	0.	0.	0.	-5.950E-19
352	W	0.	0.	-62.199698	-0.047809	0.095672	0.
352	Qm-1	0.	0.	-520.633897	0.058331	-0.008726	0.
352	Qm-2	0.	0.	-75.960837	-0.005054	1.111E-06	0.
353	DEAD	0.	0.	0.	0.	0.	0.
353	G1	0.	0.	-749.778508	1.261E-09	-2.664E-10	0.
353	G2	0.	0.	-97.096764	0.019026	1.304E-06	0.
353	Qm	0.	0.	-465.158816	0.062543	-0.008696	0.
353	Qs	0.	0.	-47.999998	5.871E-11	-9.706E-12	0.
353	T+	0.	0.	0.	0.	0.	-6.461E-19
353	T-	0.	0.	0.	0.	0.	6.461E-19
353	W	0.	0.	-52.637579	-0.047812	0.095672	0.
353	Qm-1	0.	0.	-532.299572	0.058326	-0.008727	0.
353	Qm-2	0.	0.	-74.949945	-0.005055	1.035E-06	0.
354	DEAD	0.	0.	0.	0.	0.	0.
354	G1	0.	0.	-749.778508	1.261E-09	-2.665E-10	0.
354	G2	0.	0.	-100.901965	0.019026	1.305E-06	0.
354	Qm	0.	0.	-477.667052	0.06254	-0.008697	0.
354	Qs	0.	0.	-47.999998	5.872E-11	-9.707E-12	0.
354	T+	0.	0.	0.	0.	0.	6.353E-19
354	T-	0.	0.	0.	0.	0.	-6.353E-19
354	W	0.	0.	-43.07474	-0.047816	0.095672	0.
354	Qm-1	0.	0.	-543.964227	0.058321	-0.008729	0.
354	Qm-2	0.	0.	-73.938804	-0.005056	9.568E-07	0.
355	DEAD	0.	0.	0.	0.	0.	0.
355	G1	0.	0.	-749.778508	1.261E-09	-2.665E-10	0.
355	G2	0.	0.	-104.707339	0.019027	1.309E-06	0.
355	Qm	0.	0.	-490.174712	0.062537	-0.008699	0.
355	Qs	0.	0.	-47.999998	5.873E-11	-9.708E-12	0.
355	T+	0.	0.	0.	0.	0.	-5.967E-19
355	T-	0.	0.	0.	0.	0.	5.967E-19
355	W	0.	0.	-33.511036	-0.047821	0.095673	0.
355	Qm-1	0.	0.	-555.628071	0.058318	-0.00873	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
355	Qm-2	0.	0.	-72.927487	-0.005057	8.734E-07	0.
356	DEAD	0.	0.	0.	0.	0.	0.
356	G1	0.	0.	-749.778508	1.261E-09	-2.666E-10	0.
356	G2	0.	0.	-108.512912	0.019028	1.316E-06	0.
356	Qm	0.	0.	-502.681943	0.062535	-0.0087	0.
356	Qs	0.	0.	-47.999998	5.874E-11	-9.709E-12	0.
356	T+	0.	0.	0.	0.	0.	5.960E-19
356	T-	0.	0.	0.	0.	0.	-5.960E-19
356	W	0.	0.	-23.946318	-0.047826	0.095673	0.
356	Qm-1	0.	0.	-567.291276	0.058314	-0.008731	0.
356	Qm-2	0.	0.	-71.916087	-0.005057	7.816E-07	0.
357	DEAD	0.	0.	0.	0.	0.	0.
357	G1	0.	0.	-749.778509	1.262E-09	-2.666E-10	0.
357	G2	0.	0.	-112.318708	0.01903	1.326E-06	0.
357	Qm	0.	0.	-515.188728	0.062533	-0.008701	0.
357	Qs	0.	0.	-47.999998	5.876E-11	-9.710E-12	0.
357	T+	0.	0.	0.	0.	0.	-6.166E-19
357	T-	0.	0.	0.	0.	0.	6.166E-19
357	W	0.	0.	-14.380429	-0.047833	0.095673	0.
357	Qm-1	0.	0.	-578.953821	0.058311	-0.008733	0.
357	Qm-2	0.	0.	-70.904661	-0.005057	6.797E-07	0.
358	DEAD	0.	0.	0.	0.	0.	0.
358	G1	0.	0.	-749.778509	1.262E-09	-2.666E-10	0.
358	G2	0.	0.	-116.124747	0.019031	1.339E-06	0.
358	Qm	0.	0.	-527.694911	0.062529	-0.008703	0.
358	Qs	0.	0.	-47.999998	5.877E-11	-9.710E-12	0.
358	T+	0.	0.	0.	0.	0.	6.268E-19
358	T-	0.	0.	0.	0.	0.	-6.268E-19
358	W	0.	0.	-4.813209	-0.04784	0.095673	0.
358	Qm-1	0.	0.	-590.615713	0.058309	-0.008734	0.
358	Qm-2	0.	0.	-69.893253	-0.005057	5.682E-07	0.
359	DEAD	0.	0.	0.	0.	0.	0.
359	G1	0.	0.	-749.778509	1.262E-09	-2.667E-10	0.
359	G2	0.	0.	-119.931042	0.019032	1.356E-06	0.
359	Qm	0.	0.	-540.200287	0.062525	-0.008704	0.
359	Qs	0.	0.	-47.999998	5.878E-11	-9.711E-12	0.
359	T+	0.	0.	0.	0.	0.	-6.438E-19
359	T-	0.	0.	0.	0.	0.	6.438E-19
359	W	0.	0.	4.755502	-0.047848	0.095673	0.
359	Qm-1	0.	0.	-602.277646	0.058311	-0.008735	0.
359	Qm-2	0.	0.	-68.881898	-0.005057	4.502E-07	0.
360	DEAD	0.	0.	0.	0.	0.	0.
360	G1	0.	0.	-749.778509	1.262E-09	-2.667E-10	0.
360	G2	0.	0.	-123.737602	0.019033	1.376E-06	0.
360	Qm	0.	0.	-552.704692	0.062519	-0.008705	0.
360	Qs	0.	0.	-47.999998	5.880E-11	-9.712E-12	0.
360	T+	0.	0.	0.	0.	0.	6.466E-19
360	T-	0.	0.	0.	0.	0.	-6.466E-19
360	W	0.	0.	14.325865	-0.047856	0.095672	0.
360	Qm-1	0.	0.	-613.940357	0.058317	-0.008737	0.
360	Qm-2	0.	0.	-67.870624	-0.005056	3.307E-07	0.
361	DEAD	0.	0.	0.	0.	0.	0.
361	G1	0.	0.	-749.77851	1.263E-09	-2.668E-10	0.
361	G2	0.	0.	-127.544429	0.019035	1.400E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
361	Qm	0.	0.	-565.208025	0.062514	-0.008707	0.
361	Qs	0.	0.	-47.999998	5.881E-11	-9.713E-12	0.
361	T+	0.	0.	0.	0.	0.	-6.576E-19
361	T-	0.	0.	0.	0.	0.	6.576E-19
361	W	0.	0.	23.898039	-0.047866	0.095672	0.
361	Qm-1	0.	0.	-625.604413	0.058324	-0.008738	0.
361	Qm-2	0.	0.	-66.859453	-0.005056	2.157E-07	0.
362	DEAD	0.	0.	0.	0.	0.	0.
362	G1	0.	0.	-749.77851	1.263E-09	-2.668E-10	0.
362	G2	0.	0.	-131.351519	0.019036	1.428E-06	0.
362	Qm	0.	0.	-577.710243	0.062508	-0.008708	0.
362	Qs	0.	0.	-47.999998	5.882E-11	-9.714E-12	0.
362	T+	0.	0.	0.	0.	0.	6.130E-19
362	T-	0.	0.	0.	0.	0.	-6.130E-19
362	W	0.	0.	33.472178	-0.047876	0.095672	0.
362	Qm-1	0.	0.	-637.270217	0.058334	-0.008739	0.
362	Qm-2	0.	0.	-65.848399	-0.005055	1.104E-07	0.
363	DEAD	0.	0.	0.	0.	0.	0.
363	G1	0.	0.	-749.77851	1.264E-09	-2.669E-10	0.
363	G2	0.	0.	-135.158859	0.019037	1.462E-06	0.
363	Qm	0.	0.	-590.211359	0.062503	-0.008709	0.
363	Qs	0.	0.	-47.999998	5.883E-11	-9.714E-12	0.
363	T+	0.	0.	0.	0.	0.	-5.625E-19
363	T-	0.	0.	0.	0.	0.	5.625E-19
363	W	0.	0.	43.04843	-0.047887	0.095672	0.
363	Qm-1	0.	0.	-648.938009	0.058344	-0.008741	0.
363	Qm-2	0.	0.	-64.837469	-0.005054	1.870E-08	0.
364	DEAD	0.	0.	0.	0.	0.	0.
364	G1	0.	0.	-749.77851	1.264E-09	-2.669E-10	0.
364	G2	0.	0.	-138.966427	0.019038	1.502E-06	0.
364	Qm	0.	0.	-602.711441	0.062498	-0.00871	0.
364	Qs	0.	0.	-47.999998	5.884E-11	-9.715E-12	0.
364	T+	0.	0.	0.	0.	0.	5.480E-19
364	T-	0.	0.	0.	0.	0.	-5.480E-19
364	W	0.	0.	52.626934	-0.047898	0.095671	0.
364	Qm-1	0.	0.	-660.607869	0.058354	-0.008742	0.
364	Qm-2	0.	0.	-63.82666	-0.005054	-5.808E-08	0.
365	DEAD	0.	0.	0.	0.	0.	0.
365	G1	0.	0.	-749.778511	1.264E-09	-2.669E-10	0.
365	G2	0.	0.	-142.774191	0.019039	1.551E-06	0.
365	Qm	0.	0.	-615.210608	0.062494	-0.008711	0.
365	Qs	0.	0.	-47.999998	5.885E-11	-9.715E-12	0.
365	T+	0.	0.	0.	0.	0.	-5.731E-19
365	T-	0.	0.	0.	0.	0.	5.731E-19
365	W	0.	0.	62.20781	-0.04791	0.095671	0.
365	Qm-1	0.	0.	-672.279714	0.058364	-0.008743	0.
365	Qm-2	0.	0.	-62.815962	-0.005053	-1.207E-07	0.
366	DEAD	0.	0.	0.	0.	0.	0.
366	G1	0.	0.	-749.778511	1.265E-09	-2.669E-10	0.
366	G2	0.	0.	-146.582109	0.01904	1.611E-06	0.
366	Qm	0.	0.	-627.709033	0.062491	-0.008712	0.
366	Qs	0.	0.	-47.999998	5.886E-11	-9.714E-12	0.
366	T+	0.	0.	0.	0.	0.	5.965E-19
366	T-	0.	0.	0.	0.	0.	-5.965E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
366	W	0.	0.	71.79113	-0.047923	0.09567	0.
366	Qm-1	0.	0.	-683.953294	0.058372	-0.008744	0.
366	Qm-2	0.	0.	-61.805358	-0.005053	-1.718E-07	0.
367	DEAD	0.	0.	0.	0.	0.	0.
367	G1	0.	0.	-749.778511	1.265E-09	-2.670E-10	0.
367	G2	0.	0.	-150.39013	0.01904	1.683E-06	0.
367	Qm	0.	0.	-640.206937	0.062489	-0.008712	0.
367	Qs	0.	0.	-47.999998	5.886E-11	-9.714E-12	0.
367	T+	0.	0.	0.	0.	0.	-5.902E-19
367	T-	0.	0.	0.	0.	0.	5.902E-19
367	W	0.	0.	81.376859	-0.047934	0.095669	0.
367	Qm-1	0.	0.	-695.628195	0.058377	-0.008746	0.
367	Qm-2	0.	0.	-60.794824	-0.005053	-2.144E-07	0.
368	DEAD	0.	0.	0.	0.	0.	0.
368	G1	0.	0.	-749.778511	1.265E-09	-2.670E-10	0.
368	G2	0.	0.	-154.198192	0.01904	1.762E-06	0.
368	Qm	0.	0.	-652.704591	0.062488	-0.008713	0.
368	Qs	0.	0.	-47.999998	5.887E-11	-9.714E-12	0.
368	T+	0.	0.	0.	0.	0.	5.719E-19
368	T-	0.	0.	0.	0.	0.	-5.719E-19
368	W	0.	0.	90.96476	-0.047944	0.095667	0.
368	Qm-1	0.	0.	-707.303829	0.058379	-0.008747	0.
368	Qm-2	0.	0.	-59.784331	-0.005052	-2.510E-07	0.
369	DEAD	0.	0.	0.	0.	0.	0.
369	G1	0.	0.	-749.778512	1.265E-09	-2.670E-10	0.
369	G2	0.	0.	-158.006231	0.01904	1.845E-06	0.
369	Qm	0.	0.	-665.202296	0.062489	-0.008714	0.
369	Qs	0.	0.	-47.999998	5.887E-11	-9.713E-12	0.
369	T+	0.	0.	0.	0.	0.	-5.372E-19
369	T-	0.	0.	0.	0.	0.	5.372E-19
369	W	0.	0.	100.55431	-0.047951	0.095665	0.
369	Qm-1	0.	0.	-718.979649	0.05838	-0.008748	0.
369	Qm-2	0.	0.	-58.773847	-0.005052	-2.817E-07	0.
370	DEAD	0.	0.	0.	0.	0.	0.
370	G1	0.	0.	-749.778512	1.265E-09	-2.670E-10	0.
370	G2	0.	0.	-161.814181	0.019039	1.932E-06	0.
370	Qm	0.	0.	-677.700293	0.062491	-0.008715	0.
370	Qs	0.	0.	-47.999998	5.887E-11	-9.713E-12	0.
370	T+	0.	0.	0.	0.	0.	5.405E-19
370	T-	0.	0.	0.	0.	0.	-5.405E-19
370	W	0.	0.	110.144706	-0.047953	0.095662	0.
370	Qm-1	0.	0.	-730.655799	0.058382	-0.00875	0.
370	Qm-2	0.	0.	-57.763335	-0.005053	-3.044E-07	0.
371	DEAD	0.	0.	0.	0.	0.	0.
371	G1	0.	0.	-749.778505	1.261E-09	-2.664E-10	0.
371	G2	0.	0.	-66.658096	0.019025	4.316E-06	0.
371	Qm	0.	0.	-363.326215	0.06256	-0.008699	0.
371	Qs	0.	0.	-47.999998	5.866E-11	-9.690E-12	0.
371	T+	0.	0.	0.	0.	0.	3.375E-19
371	T-	0.	0.	0.	0.	0.	-3.375E-19
371	W	0.	0.	-148.257043	-0.047798	0.095667	0.
371	Qm-1	0.	0.	-437.21524	0.058336	-0.008734	0.
371	Qm-2	0.	0.	-83.032495	-0.00505	8.556E-07	0.
372	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
372	G1	0.	0.	-749.778506	1.261E-09	-2.664E-10	0.
372	G2	0.	0.	-70.46307	0.019025	4.217E-06	0.
372	Qm	0.	0.	-375.838368	0.062562	-0.0087	0.
372	Qs	0.	0.	-47.999998	5.866E-11	-9.691E-12	0.
372	T+	0.	0.	0.	0.	0.	-3.725E-19
372	T-	0.	0.	0.	0.	0.	3.725E-19
372	W	0.	0.	-138.69737	-0.047799	0.095669	0.
372	Qm-1	0.	0.	-448.882661	0.058339	-0.008735	0.
372	Qm-2	0.	0.	-82.022541	-0.00505	7.628E-07	0.
373	DEAD	0.	0.	0.	0.	0.	0.
373	G1	0.	0.	-749.778506	1.261E-09	-2.664E-10	0.
373	G2	0.	0.	-74.267957	0.019024	4.130E-06	0.
373	Qm	0.	0.	-388.350929	0.062564	-0.008701	0.
373	Qs	0.	0.	-47.999998	5.866E-11	-9.692E-12	0.
373	T+	0.	0.	0.	0.	0.	4.595E-19
373	T-	0.	0.	0.	0.	0.	-4.595E-19
373	W	0.	0.	-129.137543	-0.0478	0.095671	0.
373	Qm-1	0.	0.	-460.550583	0.05834	-0.008736	0.
373	Qm-2	0.	0.	-81.012597	-0.00505	6.439E-07	0.
374	DEAD	0.	0.	0.	0.	0.	0.
374	G1	0.	0.	-749.778506	1.261E-09	-2.665E-10	0.
374	G2	0.	0.	-78.072789	0.019024	4.057E-06	0.
374	Qm	0.	0.	-400.863703	0.062564	-0.008703	0.
374	Qs	0.	0.	-47.999998	5.867E-11	-9.693E-12	0.
374	T+	0.	0.	0.	0.	0.	-4.780E-19
374	T-	0.	0.	0.	0.	0.	4.780E-19
374	W	0.	0.	-119.577533	-0.047801	0.095672	0.
374	Qm-1	0.	0.	-472.218748	0.058341	-0.008737	0.
374	Qm-2	0.	0.	-80.002615	-0.00505	5.104E-07	0.
375	DEAD	0.	0.	0.	0.	0.	0.
375	G1	0.	0.	-749.778506	1.261E-09	-2.665E-10	0.
375	G2	0.	0.	-81.877598	0.019024	3.998E-06	0.
375	Qm	0.	0.	-413.376357	0.062562	-0.008704	0.
375	Qs	0.	0.	-47.999998	5.867E-11	-9.695E-12	0.
375	T+	0.	0.	0.	0.	0.	5.146E-19
375	T-	0.	0.	0.	0.	0.	-5.146E-19
375	W	0.	0.	-110.017286	-0.047802	0.095673	0.
375	Qm-1	0.	0.	-483.886734	0.058339	-0.008738	0.
375	Qm-2	0.	0.	-78.992515	-0.005051	4.247E-07	0.
376	DEAD	0.	0.	0.	0.	0.	0.
376	G1	0.	0.	-749.778507	1.261E-09	-2.666E-10	0.
376	G2	0.	0.	-85.682417	0.019024	3.952E-06	0.
376	Qm	0.	0.	-425.888445	0.062558	-0.008705	0.
376	Qs	0.	0.	-47.999998	5.868E-11	-9.696E-12	0.
376	T+	0.	0.	0.	0.	0.	-5.513E-19
376	T-	0.	0.	0.	0.	0.	5.513E-19
376	W	0.	0.	-100.456732	-0.047804	0.095674	0.
376	Qm-1	0.	0.	-495.554106	0.058335	-0.008739	0.
376	Qm-2	0.	0.	-77.982187	-0.005052	4.122E-07	0.
377	DEAD	0.	0.	0.	0.	0.	0.
377	G1	0.	0.	-749.778507	1.261E-09	-2.666E-10	0.
377	G2	0.	0.	-89.487282	0.019024	3.919E-06	0.
377	Qm	0.	0.	-438.399565	0.062553	-0.008706	0.
377	Qs	0.	0.	-47.999998	5.869E-11	-9.697E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
377	T+	0.	0.	0.	0.	0.	5.623E-19
377	T-	0.	0.	0.	0.	0.	-5.623E-19
377	W	0.	0.	-90.895783	-0.047806	0.095674	0.
377	Qm-1	0.	0.	-507.220896	0.058333	-0.008741	0.
377	Qm-2	0.	0.	-76.971675	-0.005053	4.395E-07	0.
378	DEAD	0.	0.	0.	0.	0.	0.
378	G1	0.	0.	-749.778507	1.261E-09	-2.667E-10	0.
378	G2	0.	0.	-93.292227	0.019025	3.899E-06	0.
378	Qm	0.	0.	-450.909527	0.062547	-0.008707	0.
378	Qs	0.	0.	-47.999998	5.870E-11	-9.698E-12	0.
378	T+	0.	0.	0.	0.	0.	-5.791E-19
378	T-	0.	0.	0.	0.	0.	5.791E-19
378	W	0.	0.	-81.334338	-0.047809	0.095675	0.
378	Qm-1	0.	0.	-518.887104	0.058329	-0.008742	0.
378	Qm-2	0.	0.	-75.960993	-0.005054	4.556E-07	0.
379	DEAD	0.	0.	0.	0.	0.	0.
379	G1	0.	0.	-749.778507	1.261E-09	-2.667E-10	0.
379	G2	0.	0.	-97.097284	0.019026	3.890E-06	0.
379	Qm	0.	0.	-463.418378	0.062542	-0.008708	0.
379	Qs	0.	0.	-47.999998	5.871E-11	-9.699E-12	0.
379	T+	0.	0.	0.	0.	0.	6.184E-19
379	T-	0.	0.	0.	0.	0.	-6.184E-19
379	W	0.	0.	-71.772281	-0.047812	0.095675	0.
379	Qm-1	0.	0.	-530.552533	0.058325	-0.008743	0.
379	Qm-2	0.	0.	-74.95011	-0.005055	5.078E-07	0.
380	DEAD	0.	0.	0.	0.	0.	0.
380	G1	0.	0.	-749.778508	1.261E-09	-2.667E-10	0.
380	G2	0.	0.	-100.902485	0.019026	3.892E-06	0.
380	Qm	0.	0.	-475.926366	0.062538	-0.00871	0.
380	Qs	0.	0.	-47.999998	5.872E-11	-9.700E-12	0.
380	T+	0.	0.	0.	0.	0.	-6.197E-19
380	T-	0.	0.	0.	0.	0.	6.197E-19
380	W	0.	0.	-62.209484	-0.047816	0.095675	0.
380	Qm-1	0.	0.	-542.216944	0.05832	-0.008744	0.
380	Qm-2	0.	0.	-73.938962	-0.005056	6.248E-07	0.
381	DEAD	0.	0.	0.	0.	0.	0.
381	G1	0.	0.	-749.778508	1.261E-09	-2.668E-10	0.
381	G2	0.	0.	-104.707861	0.019027	3.904E-06	0.
381	Qm	0.	0.	-488.433774	0.062536	-0.008711	0.
381	Qs	0.	0.	-47.999998	5.873E-11	-9.701E-12	0.
381	T+	0.	0.	0.	0.	0.	6.040E-19
381	T-	0.	0.	0.	0.	0.	-6.040E-19
381	W	0.	0.	-52.645811	-0.047821	0.095675	0.
381	Qm-1	0.	0.	-553.880548	0.058316	-0.008745	0.
381	Qm-2	0.	0.	-72.927651	-0.005057	7.761E-07	0.
382	DEAD	0.	0.	0.	0.	0.	0.
382	G1	0.	0.	-749.778508	1.261E-09	-2.668E-10	0.
382	G2	0.	0.	-108.513437	0.019028	3.925E-06	0.
382	Qm	0.	0.	-500.940749	0.062534	-0.008712	0.
382	Qs	0.	0.	-47.999998	5.874E-11	-9.701E-12	0.
382	T+	0.	0.	0.	0.	0.	-6.117E-19
382	T-	0.	0.	0.	0.	0.	6.117E-19
382	W	0.	0.	-43.081111	-0.047826	0.095676	0.
382	Qm-1	0.	0.	-565.543516	0.058313	-0.008746	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
382	Qm-2	0.	0.	-71.916254	-0.005057	8.937E-07	0.
383	DEAD	0.	0.	0.	0.	0.	0.
383	G1	0.	0.	-749.778509	1.262E-09	-2.668E-10	0.
383	G2	0.	0.	-112.319237	0.01903	3.956E-06	0.
383	Qm	0.	0.	-513.447279	0.062531	-0.008713	0.
383	Qs	0.	0.	-47.999998	5.876E-11	-9.702E-12	0.
383	T+	0.	0.	0.	0.	0.	6.436E-19
383	T-	0.	0.	0.	0.	0.	-6.436E-19
383	W	0.	0.	-33.515231	-0.047833	0.095676	0.
383	Qm-1	0.	0.	-577.205828	0.05831	-0.008747	0.
383	Qm-2	0.	0.	-70.904825	-0.005057	9.614E-07	0.
384	DEAD	0.	0.	0.	0.	0.	0.
384	G1	0.	0.	-749.778509	1.262E-09	-2.669E-10	0.
384	G2	0.	0.	-116.125281	0.019031	3.995E-06	0.
384	Qm	0.	0.	-525.953207	0.062528	-0.008714	0.
384	Qs	0.	0.	-47.999998	5.877E-11	-9.703E-12	0.
384	T+	0.	0.	0.	0.	0.	-6.614E-19
384	T-	0.	0.	0.	0.	0.	6.614E-19
384	W	0.	0.	-23.948011	-0.04784	0.095676	0.
384	Qm-1	0.	0.	-588.86749	0.058308	-0.008748	0.
384	Qm-2	0.	0.	-69.893409	-0.005057	9.855E-07	0.
385	DEAD	0.	0.	0.	0.	0.	0.
385	G1	0.	0.	-749.778509	1.262E-09	-2.669E-10	0.
385	G2	0.	0.	-119.931583	0.019032	4.045E-06	0.
385	Qm	0.	0.	-538.458334	0.062523	-0.008715	0.
385	Qs	0.	0.	-47.999998	5.878E-11	-9.704E-12	0.
385	T+	0.	0.	0.	0.	0.	6.755E-19
385	T-	0.	0.	0.	0.	0.	-6.755E-19
385	W	0.	0.	-14.379291	-0.047848	0.095676	0.
385	Qm-1	0.	0.	-600.529195	0.05831	-0.008749	0.
385	Qm-2	0.	0.	-68.882041	-0.005057	9.777E-07	0.
386	DEAD	0.	0.	0.	0.	0.	0.
386	G1	0.	0.	-749.778509	1.262E-09	-2.669E-10	0.
386	G2	0.	0.	-123.738151	0.019034	4.105E-06	0.
386	Qm	0.	0.	-550.962498	0.062518	-0.008717	0.
386	Qs	0.	0.	-47.999998	5.880E-11	-9.705E-12	0.
386	T+	0.	0.	0.	0.	0.	-6.484E-19
386	T-	0.	0.	0.	0.	0.	6.484E-19
386	W	0.	0.	-4.80891	-0.047856	0.095676	0.
386	Qm-1	0.	0.	-612.191676	0.058315	-0.00875	0.
386	Qm-2	0.	0.	-67.870753	-0.005056	9.520E-07	0.
387	DEAD	0.	0.	0.	0.	0.	0.
387	G1	0.	0.	-749.77851	1.263E-09	-2.670E-10	0.
387	G2	0.	0.	-127.544988	0.019035	4.175E-06	0.
387	Qm	0.	0.	-563.465602	0.062513	-0.008718	0.
387	Qs	0.	0.	-47.999998	5.881E-11	-9.706E-12	0.
387	T+	0.	0.	0.	0.	0.	6.317E-19
387	T-	0.	0.	0.	0.	0.	-6.317E-19
387	W	0.	0.	4.763289	-0.047866	0.095675	0.
387	Qm-1	0.	0.	-623.855501	0.058323	-0.008751	0.
387	Qm-2	0.	0.	-66.859568	-0.005056	9.230E-07	0.
388	DEAD	0.	0.	0.	0.	0.	0.
388	G1	0.	0.	-749.77851	1.263E-09	-2.670E-10	0.
388	G2	0.	0.	-131.352089	0.019036	4.258E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
388	Qm	0.	0.	-575.967604	0.062507	-0.008719	0.
388	Qs	0.	0.	-47.999998	5.882E-11	-9.706E-12	0.
388	T+	0.	0.	0.	0.	0.	-6.068E-19
388	T-	0.	0.	0.	0.	0.	6.068E-19
388	W	0.	0.	14.337461	-0.047876	0.095675	0.
388	Qm-1	0.	0.	-635.521068	0.058333	-0.008752	0.
388	Qm-2	0.	0.	-65.848501	-0.005055	9.030E-07	0.
389	DEAD	0.	0.	0.	0.	0.	0.
389	G1	0.	0.	-749.77851	1.264E-09	-2.670E-10	0.
389	G2	0.	0.	-135.159442	0.019037	4.356E-06	0.
389	Qm	0.	0.	-588.468519	0.062502	-0.00872	0.
389	Qs	0.	0.	-47.999998	5.883E-11	-9.707E-12	0.
389	T+	0.	0.	0.	0.	0.	5.779E-19
389	T-	0.	0.	0.	0.	0.	-5.779E-19
389	W	0.	0.	23.913755	-0.047887	0.095675	0.
389	Qm-1	0.	0.	-647.188617	0.058343	-0.008753	0.
389	Qm-2	0.	0.	-64.837562	-0.005054	9.005E-07	0.
390	DEAD	0.	0.	0.	0.	0.	0.
390	G1	0.	0.	-749.77851	1.264E-09	-2.671E-10	0.
390	G2	0.	0.	-138.967026	0.019038	4.473E-06	0.
390	Qm	0.	0.	-600.968414	0.062497	-0.00872	0.
390	Qs	0.	0.	-47.999998	5.884E-11	-9.708E-12	0.
390	T+	0.	0.	0.	0.	0.	-5.936E-19
390	T-	0.	0.	0.	0.	0.	5.936E-19
390	W	0.	0.	33.492311	-0.047899	0.095675	0.
390	Qm-1	0.	0.	-658.858228	0.058353	-0.008755	0.
390	Qm-2	0.	0.	-63.826747	-0.005054	9.193E-07	0.
391	DEAD	0.	0.	0.	0.	0.	0.
391	G1	0.	0.	-749.778511	1.264E-09	-2.671E-10	0.
391	G2	0.	0.	-142.774809	0.019039	4.614E-06	0.
391	Qm	0.	0.	-613.46741	0.062493	-0.008721	0.
391	Qs	0.	0.	-47.999998	5.885E-11	-9.708E-12	0.
391	T+	0.	0.	0.	0.	0.	6.264E-19
391	T-	0.	0.	0.	0.	0.	-6.264E-19
391	W	0.	0.	43.073257	-0.047911	0.095675	0.
391	Qm-1	0.	0.	-670.529816	0.058363	-0.008756	0.
391	Qm-2	0.	0.	-62.816047	-0.005053	9.581E-07	0.
392	DEAD	0.	0.	0.	0.	0.	0.
392	G1	0.	0.	-749.778511	1.265E-09	-2.671E-10	0.
392	G2	0.	0.	-146.582751	0.01904	4.787E-06	0.
392	Qm	0.	0.	-625.965674	0.06249	-0.008722	0.
392	Qs	0.	0.	-47.999998	5.886E-11	-9.708E-12	0.
392	T+	0.	0.	0.	0.	0.	-6.681E-19
392	T-	0.	0.	0.	0.	0.	6.681E-19
392	W	0.	0.	52.656694	-0.047924	0.095674	0.
392	Qm-1	0.	0.	-682.203136	0.05837	-0.008757	0.
392	Qm-2	0.	0.	-61.805444	-0.005053	1.012E-06	0.
393	DEAD	0.	0.	0.	0.	0.	0.
393	G1	0.	0.	-749.778511	1.265E-09	-2.672E-10	0.
393	G2	0.	0.	-150.3908	0.01904	4.995E-06	0.
393	Qm	0.	0.	-638.463426	0.062488	-0.008723	0.
393	Qs	0.	0.	-47.999998	5.886E-11	-9.707E-12	0.
393	T+	0.	0.	0.	0.	0.	6.168E-19
393	T-	0.	0.	0.	0.	0.	-6.168E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
393	W	0.	0.	62.242666	-0.047936	0.095673	0.
393	Qm-1	0.	0.	-693.877771	0.058376	-0.008759	0.
393	Qm-2	0.	0.	-60.794912	-0.005053	1.076E-06	0.
394	DEAD	0.	0.	0.	0.	0.	0.
394	G1	0.	0.	-749.778511	1.265E-09	-2.672E-10	0.
394	G2	0.	0.	-154.198893	0.01904	5.228E-06	0.
394	Qm	0.	0.	-650.960933	0.062487	-0.008723	0.
394	Qs	0.	0.	-47.999998	5.887E-11	-9.707E-12	0.
394	T+	0.	0.	0.	0.	0.	-5.392E-19
394	T-	0.	0.	0.	0.	0.	5.392E-19
394	W	0.	0.	71.831028	-0.047947	0.09567	0.
394	Qm-1	0.	0.	-705.553135	0.058377	-0.00876	0.
394	Qm-2	0.	0.	-59.784422	-0.005052	1.145E-06	0.
395	DEAD	0.	0.	0.	0.	0.	0.
395	G1	0.	0.	-749.778512	1.265E-09	-2.672E-10	0.
395	G2	0.	0.	-158.006965	0.01904	5.470E-06	0.
395	Qm	0.	0.	-663.458491	0.062488	-0.008724	0.
395	Qs	0.	0.	-47.999998	5.887E-11	-9.707E-12	0.
395	T+	0.	0.	0.	0.	0.	5.353E-19
395	T-	0.	0.	0.	0.	0.	-5.353E-19
395	W	0.	0.	81.421293	-0.047954	0.095666	0.
395	Qm-1	0.	0.	-717.228681	0.058378	-0.008761	0.
395	Qm-2	0.	0.	-58.773942	-0.005052	1.219E-06	0.
396	DEAD	0.	0.	0.	0.	0.	0.
396	G1	0.	0.	-749.778512	1.265E-09	-2.672E-10	0.
396	G2	0.	0.	-161.814949	0.01904	5.723E-06	0.
396	Qm	0.	0.	-675.956337	0.06249	-0.008725	0.
396	Qs	0.	0.	-47.999998	5.887E-11	-9.707E-12	0.
396	T+	0.	0.	0.	0.	0.	-5.407E-19
396	T-	0.	0.	0.	0.	0.	5.407E-19
396	W	0.	0.	91.012597	-0.047957	0.09566	0.
396	Qm-1	0.	0.	-728.90455	0.058381	-0.008763	0.
396	Qm-2	0.	0.	-57.763437	-0.005053	1.306E-06	0.
397	DEAD	0.	0.	0.	0.	0.	0.
397	G1	0.	0.	-749.778505	1.261E-09	-2.667E-10	0.
397	G2	0.	0.	-66.659242	0.019025	7.120E-06	0.
397	Qm	0.	0.	-361.58511	0.062559	-0.008712	0.
397	Qs	0.	0.	-47.999998	5.866E-11	-9.683E-12	0.
397	T+	0.	0.	0.	0.	0.	-3.417E-19
397	T-	0.	0.	0.	0.	0.	3.417E-19
397	W	0.	0.	-167.390948	-0.047796	0.095672	0.
397	Qm-1	0.	0.	-435.466932	0.058335	-0.008749	0.
397	Qm-2	0.	0.	-83.032584	-0.00505	5.400E-08	0.
398	DEAD	0.	0.	0.	0.	0.	0.
398	G1	0.	0.	-749.778506	1.261E-09	-2.667E-10	0.
398	G2	0.	0.	-70.464188	0.019025	6.954E-06	0.
398	Qm	0.	0.	-374.097058	0.062561	-0.008713	0.
398	Qs	0.	0.	-47.999998	5.866E-11	-9.684E-12	0.
398	T+	0.	0.	0.	0.	0.	3.640E-19
398	T-	0.	0.	0.	0.	0.	-3.640E-19
398	W	0.	0.	-157.831631	-0.047797	0.095674	0.
398	Qm-1	0.	0.	-447.134152	0.058337	-0.00875	0.
398	Qm-2	0.	0.	-82.022614	-0.00505	-1.629E-08	0.
399	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
399	G1	0.	0.	-749.778506	1.261E-09	-2.667E-10	0.
399	G2	0.	0.	-74.269053	0.019024	6.810E-06	0.
399	Qm	0.	0.	-386.609397	0.062562	-0.008714	0.
399	Qs	0.	0.	-47.999998	5.866E-11	-9.685E-12	0.
399	T+	0.	0.	0.	0.	0.	-4.167E-19
399	T-	0.	0.	0.	0.	0.	4.167E-19
399	W	0.	0.	-148.272102	-0.047798	0.095675	0.
399	Qm-1	0.	0.	-458.801854	0.058339	-0.008751	0.
399	Qm-2	0.	0.	-81.012646	-0.00505	-1.246E-07	0.
400	DEAD	0.	0.	0.	0.	0.	0.
400	G1	0.	0.	-749.778506	1.261E-09	-2.668E-10	0.
400	G2	0.	0.	-78.073865	0.019024	6.688E-06	0.
400	Qm	0.	0.	-399.121937	0.062563	-0.008715	0.
400	Qs	0.	0.	-47.999998	5.866E-11	-9.686E-12	0.
400	T+	0.	0.	0.	0.	0.	4.667E-19
400	T-	0.	0.	0.	0.	0.	-4.667E-19
400	W	0.	0.	-138.712336	-0.047799	0.095676	0.
400	Qm-1	0.	0.	-470.469785	0.05834	-0.008753	0.
400	Qm-2	0.	0.	-80.002634	-0.00505	-2.749E-07	0.
401	DEAD	0.	0.	0.	0.	0.	0.
401	G1	0.	0.	-749.778506	1.261E-09	-2.668E-10	0.
401	G2	0.	0.	-81.878658	0.019024	6.589E-06	0.
401	Qm	0.	0.	-411.634351	0.062561	-0.008716	0.
401	Qs	0.	0.	-47.999998	5.867E-11	-9.687E-12	0.
401	T+	0.	0.	0.	0.	0.	-5.250E-19
401	T-	0.	0.	0.	0.	0.	5.250E-19
401	W	0.	0.	-129.152285	-0.047801	0.095677	0.
401	Qm-1	0.	0.	-482.13753	0.058337	-0.008754	0.
401	Qm-2	0.	0.	-78.992504	-0.005051	-4.018E-07	0.
402	DEAD	0.	0.	0.	0.	0.	0.
402	G1	0.	0.	-749.778507	1.261E-09	-2.669E-10	0.
402	G2	0.	0.	-85.683465	0.019024	6.513E-06	0.
402	Qm	0.	0.	-424.146198	0.062557	-0.008717	0.
402	Qs	0.	0.	-47.999998	5.868E-11	-9.688E-12	0.
402	T+	0.	0.	0.	0.	0.	5.589E-19
402	T-	0.	0.	0.	0.	0.	-5.589E-19
402	W	0.	0.	-119.591885	-0.047803	0.095678	0.
402	Qm-1	0.	0.	-493.804661	0.058334	-0.008755	0.
402	Qm-2	0.	0.	-77.982195	-0.005052	-2.796E-07	0.
403	DEAD	0.	0.	0.	0.	0.	0.
403	G1	0.	0.	-749.778507	1.261E-09	-2.669E-10	0.
403	G2	0.	0.	-89.488322	0.019024	6.459E-06	0.
403	Qm	0.	0.	-436.657084	0.062552	-0.008719	0.
403	Qs	0.	0.	-47.999998	5.868E-11	-9.689E-12	0.
403	T+	0.	0.	0.	0.	0.	-5.800E-19
403	T-	0.	0.	0.	0.	0.	5.800E-19
403	W	0.	0.	-110.031054	-0.047805	0.095679	0.
403	Qm-1	0.	0.	-505.471216	0.058331	-0.008756	0.
403	Qm-2	0.	0.	-76.971701	-0.005053	-1.396E-07	0.
404	DEAD	0.	0.	0.	0.	0.	0.
404	G1	0.	0.	-749.778507	1.261E-09	-2.669E-10	0.
404	G2	0.	0.	-93.293261	0.019025	6.425E-06	0.
404	Qm	0.	0.	-449.166822	0.062546	-0.00872	0.
404	Qs	0.	0.	-47.999998	5.869E-11	-9.691E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
404	T+	0.	0.	0.	0.	0.	5.931E-19
404	T-	0.	0.	0.	0.	0.	-5.931E-19
404	W	0.	0.	-100.469697	-0.047808	0.095679	0.
404	Qm-1	0.	0.	-517.137201	0.058328	-0.008757	0.
404	Qm-2	0.	0.	-75.961029	-0.005054	-5.014E-08	0.
405	DEAD	0.	0.	0.	0.	0.	0.
405	G1	0.	0.	-749.778507	1.261E-09	-2.670E-10	0.
405	G2	0.	0.	-97.098315	0.019026	6.411E-06	0.
405	Qm	0.	0.	-461.675458	0.062541	-0.008721	0.
405	Qs	0.	0.	-47.999998	5.871E-11	-9.692E-12	0.
405	T+	0.	0.	0.	0.	0.	-5.951E-19
405	T-	0.	0.	0.	0.	0.	5.951E-19
405	W	0.	0.	-90.907706	-0.047812	0.095679	0.
405	Qm-1	0.	0.	-528.802418	0.058324	-0.008758	0.
405	Qm-2	0.	0.	-74.950153	-0.005055	5.352E-08	0.
406	DEAD	0.	0.	0.	0.	0.	0.
406	G1	0.	0.	-749.778508	1.261E-09	-2.670E-10	0.
406	G2	0.	0.	-100.903517	0.019026	6.414E-06	0.
406	Qm	0.	0.	-474.183237	0.062537	-0.008722	0.
406	Qs	0.	0.	-47.999998	5.872E-11	-9.693E-12	0.
406	T+	0.	0.	0.	0.	0.	6.155E-19
406	T-	0.	0.	0.	0.	0.	-6.155E-19
406	W	0.	0.	-81.344959	-0.047816	0.09568	0.
406	Qm-1	0.	0.	-540.466633	0.058319	-0.008759	0.
406	Qm-2	0.	0.	-73.939061	-0.005056	3.968E-07	0.
407	DEAD	0.	0.	0.	0.	0.	0.
407	G1	0.	0.	-749.778508	1.261E-09	-2.670E-10	0.
407	G2	0.	0.	-104.708896	0.019027	6.433E-06	0.
407	Qm	0.	0.	-486.690436	0.062535	-0.008723	0.
407	Qs	0.	0.	-47.999998	5.873E-11	-9.694E-12	0.
407	T+	0.	0.	0.	0.	0.	-6.382E-19
407	T-	0.	0.	0.	0.	0.	6.382E-19
407	W	0.	0.	-71.781324	-0.047821	0.09568	0.
407	Qm-1	0.	0.	-552.130055	0.058315	-0.00876	0.
407	Qm-2	0.	0.	-72.927802	-0.005057	7.460E-07	0.
408	DEAD	0.	0.	0.	0.	0.	0.
408	G1	0.	0.	-749.778508	1.261E-09	-2.670E-10	0.
408	G2	0.	0.	-108.514478	0.019028	6.468E-06	0.
408	Qm	0.	0.	-499.197202	0.062533	-0.008724	0.
408	Qs	0.	0.	-47.999998	5.874E-11	-9.694E-12	0.
408	T+	0.	0.	0.	0.	0.	6.375E-19
408	T-	0.	0.	0.	0.	0.	-6.375E-19
408	W	0.	0.	-62.216652	-0.047826	0.09568	0.
408	Qm-1	0.	0.	-563.792854	0.058312	-0.00876	0.
408	Qm-2	0.	0.	-71.916446	-0.005057	1.026E-06	0.
409	DEAD	0.	0.	0.	0.	0.	0.
409	G1	0.	0.	-749.778508	1.262E-09	-2.671E-10	0.
409	G2	0.	0.	-112.320286	0.01903	6.518E-06	0.
409	Qm	0.	0.	-511.703518	0.06253	-0.008724	0.
409	Qs	0.	0.	-47.999998	5.876E-11	-9.695E-12	0.
409	T+	0.	0.	0.	0.	0.	-6.653E-19
409	T-	0.	0.	0.	0.	0.	6.653E-19
409	W	0.	0.	-52.65079	-0.047833	0.09568	0.
409	Qm-1	0.	0.	-575.455005	0.058309	-0.008761	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
409	Qm-2	0.	0.	-70.905045	-0.005057	1.232E-06	0.
410	DEAD	0.	0.	0.	0.	0.	0.
410	G1	0.	0.	-749.778509	1.262E-09	-2.671E-10	0.
410	G2	0.	0.	-116.12634	0.019031	6.583E-06	0.
410	Qm	0.	0.	-524.209231	0.062527	-0.008725	0.
410	Qs	0.	0.	-47.999998	5.877E-11	-9.696E-12	0.
410	T+	0.	0.	0.	0.	0.	6.975E-19
410	T-	0.	0.	0.	0.	0.	-6.975E-19
410	W	0.	0.	-43.083578	-0.04784	0.09568	0.
410	Qm-1	0.	0.	-587.116509	0.058307	-0.008762	0.
410	Qm-2	0.	0.	-69.893645	-0.005057	1.369E-06	0.
411	DEAD	0.	0.	0.	0.	0.	0.
411	G1	0.	0.	-749.778509	1.262E-09	-2.671E-10	0.
411	G2	0.	0.	-119.932655	0.019032	6.664E-06	0.
411	Qm	0.	0.	-536.714143	0.062522	-0.008726	0.
411	Qs	0.	0.	-47.999998	5.878E-11	-9.697E-12	0.
411	T+	0.	0.	0.	0.	0.	-6.875E-19
411	T-	0.	0.	0.	0.	0.	6.875E-19
411	W	0.	0.	-33.514856	-0.047848	0.09568	0.
411	Qm-1	0.	0.	-598.778053	0.058309	-0.008762	0.
411	Qm-2	0.	0.	-68.882286	-0.005057	1.454E-06	0.
412	DEAD	0.	0.	0.	0.	0.	0.
412	G1	0.	0.	-749.778509	1.262E-09	-2.671E-10	0.
412	G2	0.	0.	-123.739239	0.019034	6.762E-06	0.
412	Qm	0.	0.	-549.218099	0.062517	-0.008727	0.
412	Qs	0.	0.	-47.999998	5.880E-11	-9.698E-12	0.
412	T+	0.	0.	0.	0.	0.	6.628E-19
412	T-	0.	0.	0.	0.	0.	-6.628E-19
412	W	0.	0.	-23.944465	-0.047856	0.09568	0.
412	Qm-1	0.	0.	-610.440367	0.058314	-0.008763	0.
412	Qm-2	0.	0.	-67.871	-0.005056	1.507E-06	0.
413	DEAD	0.	0.	0.	0.	0.	0.
413	G1	0.	0.	-749.778509	1.263E-09	-2.672E-10	0.
413	G2	0.	0.	-127.546095	0.019035	6.876E-06	0.
413	Qm	0.	0.	-561.721002	0.062512	-0.008728	0.
413	Qs	0.	0.	-47.999998	5.881E-11	-9.699E-12	0.
413	T+	0.	0.	0.	0.	0.	-6.368E-19
413	T-	0.	0.	0.	0.	0.	6.368E-19
413	W	0.	0.	-14.37225	-0.047866	0.09568	0.
413	Qm-1	0.	0.	-622.10401	0.058322	-0.008764	0.
413	Qm-2	0.	0.	-66.859817	-0.005056	1.552E-06	0.
414	DEAD	0.	0.	0.	0.	0.	0.
414	G1	0.	0.	-749.77851	1.263E-09	-2.672E-10	0.
414	G2	0.	0.	-131.353218	0.019036	7.010E-06	0.
414	Qm	0.	0.	-574.222815	0.062506	-0.008729	0.
414	Qs	0.	0.	-47.999998	5.882E-11	-9.700E-12	0.
414	T+	0.	0.	0.	0.	0.	6.377E-19
414	T-	0.	0.	0.	0.	0.	-6.377E-19
414	W	0.	0.	-4.798058	-0.047876	0.09568	0.
414	Qm-1	0.	0.	-633.76938	0.058332	-0.008765	0.
414	Qm-2	0.	0.	-65.848754	-0.005055	1.608E-06	0.
415	DEAD	0.	0.	0.	0.	0.	0.
415	G1	0.	0.	-749.77851	1.263E-09	-2.672E-10	0.
415	G2	0.	0.	-135.160596	0.019038	7.165E-06	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
415	Qm	0.	0.	-586.723555	0.062501	-0.00873	0.
415	Qs	0.	0.	-47.999998	5.883E-11	-9.701E-12	0.
415	T+	0.	0.	0.	0.	0.	-6.517E-19
415	T-	0.	0.	0.	0.	0.	6.517E-19
415	W	0.	0.	4.77826	-0.047887	0.09568	0.
415	Qm-1	0.	0.	-645.436712	0.058342	-0.008766	0.
415	Qm-2	0.	0.	-64.837822	-0.005054	1.688E-06	0.
416	DEAD	0.	0.	0.	0.	0.	0.
416	G1	0.	0.	-749.77851	1.264E-09	-2.673E-10	0.
416	G2	0.	0.	-138.96821	0.019039	7.347E-06	0.
416	Qm	0.	0.	-599.223289	0.062496	-0.008731	0.
416	Qs	0.	0.	-47.999998	5.884E-11	-9.701E-12	0.
416	T+	0.	0.	0.	0.	0.	6.813E-19
416	T-	0.	0.	0.	0.	0.	-6.813E-19
416	W	0.	0.	14.356843	-0.047899	0.09568	0.
416	Qm-1	0.	0.	-657.106085	0.058352	-0.008767	0.
416	Qm-2	0.	0.	-63.827021	-0.005054	1.798E-06	0.
417	DEAD	0.	0.	0.	0.	0.	0.
417	G1	0.	0.	-749.77851	1.264E-09	-2.673E-10	0.
417	G2	0.	0.	-142.776029	0.01904	7.563E-06	0.
417	Qm	0.	0.	-611.722136	0.062492	-0.008731	0.
417	Qs	0.	0.	-47.999998	5.885E-11	-9.701E-12	0.
417	T+	0.	0.	0.	0.	0.	-7.232E-19
417	T-	0.	0.	0.	0.	0.	7.232E-19
417	W	0.	0.	23.937823	-0.047911	0.09568	0.
417	Qm-1	0.	0.	-668.777417	0.058361	-0.008768	0.
417	Qm-2	0.	0.	-62.816339	-0.005053	1.936E-06	0.
418	DEAD	0.	0.	0.	0.	0.	0.
418	G1	0.	0.	-749.778511	1.265E-09	-2.673E-10	0.
418	G2	0.	0.	-146.584015	0.01904	7.824E-06	0.
418	Qm	0.	0.	-624.220263	0.062489	-0.008732	0.
418	Qs	0.	0.	-47.999998	5.886E-11	-9.701E-12	0.
418	T+	0.	0.	0.	0.	0.	7.288E-19
418	T-	0.	0.	0.	0.	0.	-7.288E-19
418	W	0.	0.	33.521327	-0.047924	0.09568	0.
418	Qm-1	0.	0.	-680.450464	0.058369	-0.00877	0.
418	Qm-2	0.	0.	-61.805757	-0.005053	2.094E-06	0.
419	DEAD	0.	0.	0.	0.	0.	0.
419	G1	0.	0.	-749.778511	1.265E-09	-2.673E-10	0.
419	G2	0.	0.	-150.392117	0.019041	8.143E-06	0.
419	Qm	0.	0.	-636.717883	0.062487	-0.008733	0.
419	Qs	0.	0.	-47.999998	5.886E-11	-9.700E-12	0.
419	T+	0.	0.	0.	0.	0.	-6.758E-19
419	T-	0.	0.	0.	0.	0.	6.758E-19
419	W	0.	0.	43.107501	-0.047938	0.095679	0.
419	Qm-1	0.	0.	-692.124813	0.058374	-0.008771	0.
419	Qm-2	0.	0.	-60.795248	-0.005052	2.262E-06	0.
420	DEAD	0.	0.	0.	0.	0.	0.
420	G1	0.	0.	-749.778511	1.265E-09	-2.674E-10	0.
420	G2	0.	0.	-154.200272	0.019041	8.516E-06	0.
420	Qm	0.	0.	-649.215258	0.062487	-0.008733	0.
420	Qs	0.	0.	-47.999998	5.887E-11	-9.701E-12	0.
420	T+	0.	0.	0.	0.	0.	6.091E-19
420	T-	0.	0.	0.	0.	0.	-6.091E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
420	W	0.	0.	52.696477	-0.047951	0.095676	0.
420	Qm-1	0.	0.	-703.79988	0.058376	-0.008773	0.
420	Qm-2	0.	0.	-59.784782	-0.005052	2.432E-06	0.
421	DEAD	0.	0.	0.	0.	0.	0.
421	G1	0.	0.	-749.778511	1.265E-09	-2.674E-10	0.
421	G2	0.	0.	-158.008406	0.019041	8.898E-06	0.
421	Qm	0.	0.	-661.71268	0.062488	-0.008734	0.
421	Qs	0.	0.	-47.999998	5.887E-11	-9.700E-12	0.
421	T+	0.	0.	0.	0.	0.	-5.668E-19
421	T-	0.	0.	0.	0.	0.	5.668E-19
421	W	0.	0.	62.287879	-0.047963	0.095669	0.
421	Qm-1	0.	0.	-715.475116	0.058377	-0.008774	0.
421	Qm-2	0.	0.	-58.774327	-0.005052	2.605E-06	0.
422	DEAD	0.	0.	0.	0.	0.	0.
422	G1	0.	0.	-749.778512	1.265E-09	-2.674E-10	0.
422	G2	0.	0.	-161.816455	0.01904	9.283E-06	0.
422	Qm	0.	0.	-674.210378	0.062489	-0.008735	0.
422	Qs	0.	0.	-47.999998	5.887E-11	-9.700E-12	0.
422	T+	0.	0.	0.	0.	0.	5.559E-19
422	T-	0.	0.	0.	0.	0.	-5.559E-19
422	W	0.	0.	71.880712	-0.047965	0.09566	0.
422	Qm-1	0.	0.	-727.150661	0.058379	-0.008776	0.
422	Qm-2	0.	0.	-57.76385	-0.005052	2.793E-06	0.
423	DEAD	0.	0.	0.	0.	0.	0.
423	G1	0.	0.	-749.778505	1.261E-09	-2.669E-10	0.
423	G2	0.	0.	-66.660937	0.019025	9.814E-06	0.
423	Qm	0.	0.	-359.84162	0.062558	-0.008723	0.
423	Qs	0.	0.	-47.999998	5.866E-11	-9.676E-12	0.
423	T+	0.	0.	0.	0.	0.	4.192E-19
423	T-	0.	0.	0.	0.	0.	-4.192E-19
423	W	0.	0.	-186.525893	-0.047794	0.095678	0.
423	Qm-1	0.	0.	-433.715604	0.058334	-0.008764	0.
423	Qm-2	0.	0.	-83.032524	-0.00505	-6.389E-07	0.
424	DEAD	0.	0.	0.	0.	0.	0.
424	G1	0.	0.	-749.778506	1.261E-09	-2.670E-10	0.
424	G2	0.	0.	-70.465844	0.019024	9.581E-06	0.
424	Qm	0.	0.	-372.353361	0.06256	-0.008724	0.
424	Qs	0.	0.	-47.999998	5.866E-11	-9.677E-12	0.
424	T+	0.	0.	0.	0.	0.	-3.784E-19
424	T-	0.	0.	0.	0.	0.	3.784E-19
424	W	0.	0.	-176.966926	-0.047795	0.09568	0.
424	Qm-1	0.	0.	-445.382631	0.058336	-0.008765	0.
424	Qm-2	0.	0.	-82.022544	-0.00505	-6.646E-07	0.
425	DEAD	0.	0.	0.	0.	0.	0.
425	G1	0.	0.	-749.778506	1.261E-09	-2.670E-10	0.
425	G2	0.	0.	-74.270674	0.019024	9.379E-06	0.
425	Qm	0.	0.	-384.865467	0.062561	-0.008725	0.
425	Qs	0.	0.	-47.999998	5.866E-11	-9.678E-12	0.
425	T+	0.	0.	0.	0.	0.	3.990E-19
425	T-	0.	0.	0.	0.	0.	-3.990E-19
425	W	0.	0.	-167.407691	-0.047797	0.095681	0.
425	Qm-1	0.	0.	-457.050109	0.058338	-0.008766	0.
425	Qm-2	0.	0.	-81.012559	-0.00505	-7.176E-07	0.
426	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
426	G1	0.	0.	-749.778506	1.261E-09	-2.670E-10	0.
426	G2	0.	0.	-78.075457	0.019024	9.208E-06	0.
426	Qm	0.	0.	-397.377755	0.062561	-0.008727	0.
426	Qs	0.	0.	-47.999998	5.866E-11	-9.679E-12	0.
426	T+	0.	0.	0.	0.	0.	-4.386E-19
426	T-	0.	0.	0.	0.	0.	4.386E-19
426	W	0.	0.	-157.848169	-0.047798	0.095682	0.
426	Qm-1	0.	0.	-468.717797	0.058338	-0.008767	0.
426	Qm-2	0.	0.	-80.002524	-0.00505	-7.761E-07	0.
427	DEAD	0.	0.	0.	0.	0.	0.
427	G1	0.	0.	-749.778506	1.261E-09	-2.671E-10	0.
427	G2	0.	0.	-81.880226	0.019024	9.069E-06	0.
427	Qm	0.	0.	-409.88991	0.06256	-0.008728	0.
427	Qs	0.	0.	-47.999998	5.867E-11	-9.680E-12	0.
427	T+	0.	0.	0.	0.	0.	4.990E-19
427	T-	0.	0.	0.	0.	0.	-4.990E-19
427	W	0.	0.	-148.288316	-0.0478	0.095683	0.
427	Qm-1	0.	0.	-480.385293	0.058336	-0.008768	0.
427	Qm-2	0.	0.	-78.992385	-0.005051	-7.675E-07	0.
428	DEAD	0.	0.	0.	0.	0.	0.
428	G1	0.	0.	-749.778507	1.261E-09	-2.671E-10	0.
428	G2	0.	0.	-85.685015	0.019024	8.963E-06	0.
428	Qm	0.	0.	-422.401506	0.062556	-0.008729	0.
428	Qs	0.	0.	-47.999998	5.868E-11	-9.681E-12	0.
428	T+	0.	0.	0.	0.	0.	-5.350E-19
428	T-	0.	0.	0.	0.	0.	5.350E-19
428	W	0.	0.	-138.728071	-0.047802	0.095684	0.
428	Qm-1	0.	0.	-492.052182	0.058333	-0.00877	0.
428	Qm-2	0.	0.	-77.982096	-0.005052	-6.577E-07	0.
429	DEAD	0.	0.	0.	0.	0.	0.
429	G1	0.	0.	-749.778507	1.261E-09	-2.672E-10	0.
429	G2	0.	0.	-89.489859	0.019024	8.888E-06	0.
429	Qm	0.	0.	-434.912161	0.062551	-0.008731	0.
429	Qs	0.	0.	-47.999998	5.868E-11	-9.682E-12	0.
429	T+	0.	0.	0.	0.	0.	5.593E-19
429	T-	0.	0.	0.	0.	0.	-5.593E-19
429	W	0.	0.	-129.167359	-0.047805	0.095685	0.
429	Qm-1	0.	0.	-503.71851	0.05833	-0.008771	0.
429	Qm-2	0.	0.	-76.971636	-0.005053	-4.739E-07	0.
430	DEAD	0.	0.	0.	0.	0.	0.
430	G1	0.	0.	-749.778507	1.261E-09	-2.672E-10	0.
430	G2	0.	0.	-93.29479	0.019025	8.843E-06	0.
430	Qm	0.	0.	-447.421692	0.062545	-0.008732	0.
430	Qs	0.	0.	-47.999998	5.869E-11	-9.683E-12	0.
430	T+	0.	0.	0.	0.	0.	-5.832E-19
430	T-	0.	0.	0.	0.	0.	5.832E-19
430	W	0.	0.	-119.606091	-0.047808	0.095685	0.
430	Qm-1	0.	0.	-515.384288	0.058327	-0.008772	0.
430	Qm-2	0.	0.	-75.960993	-0.005054	-2.641E-07	0.
431	DEAD	0.	0.	0.	0.	0.	0.
431	G1	0.	0.	-749.778507	1.261E-09	-2.672E-10	0.
431	G2	0.	0.	-97.099841	0.019026	8.824E-06	0.
431	Qm	0.	0.	-459.930143	0.06254	-0.008732	0.
431	Qs	0.	0.	-47.999998	5.870E-11	-9.685E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
431	T+	0.	0.	0.	0.	0.	6.081E-19
431	T-	0.	0.	0.	0.	0.	-6.081E-19
431	W	0.	0.	-110.04417	-0.047811	0.095685	0.
431	Qm-1	0.	0.	-527.049327	0.058323	-0.008773	0.
431	Qm-2	0.	0.	-74.950158	-0.005055	1.773E-08	0.
432	DEAD	0.	0.	0.	0.	0.	0.
432	G1	0.	0.	-749.778508	1.261E-09	-2.673E-10	0.
432	G2	0.	0.	-100.905044	0.019026	8.828E-06	0.
432	Qm	0.	0.	-472.437753	0.062536	-0.008733	0.
432	Qs	0.	0.	-47.999998	5.872E-11	-9.686E-12	0.
432	T+	0.	0.	0.	0.	0.	-6.157E-19
432	T-	0.	0.	0.	0.	0.	6.157E-19
432	W	0.	0.	-100.48148	-0.047816	0.095686	0.
432	Qm-1	0.	0.	-538.713392	0.058318	-0.008773	0.
432	Qm-2	0.	0.	-73.939136	-0.005056	3.928E-07	0.
433	DEAD	0.	0.	0.	0.	0.	0.
433	G1	0.	0.	-749.778508	1.261E-09	-2.673E-10	0.
433	G2	0.	0.	-104.710427	0.019027	8.854E-06	0.
433	Qm	0.	0.	-484.944789	0.062534	-0.008734	0.
433	Qs	0.	0.	-47.999998	5.873E-11	-9.687E-12	0.
433	T+	0.	0.	0.	0.	0.	6.628E-19
433	T-	0.	0.	0.	0.	0.	-6.628E-19
433	W	0.	0.	-90.917892	-0.04782	0.095686	0.
433	Qm-1	0.	0.	-550.376689	0.058315	-0.008774	0.
433	Qm-2	0.	0.	-72.927957	-0.005056	8.149E-07	0.
434	DEAD	0.	0.	0.	0.	0.	0.
434	G1	0.	0.	-749.778508	1.261E-09	-2.673E-10	0.
434	G2	0.	0.	-108.516017	0.019029	8.901E-06	0.
434	Qm	0.	0.	-497.451388	0.062532	-0.008735	0.
434	Qs	0.	0.	-47.999998	5.874E-11	-9.688E-12	0.
434	T+	0.	0.	0.	0.	0.	-6.684E-19
434	T-	0.	0.	0.	0.	0.	6.684E-19
434	W	0.	0.	-81.35326	-0.047826	0.095686	0.
434	Qm-1	0.	0.	-562.039384	0.058312	-0.008774	0.
434	Qm-2	0.	0.	-71.916667	-0.005057	1.195E-06	0.
435	DEAD	0.	0.	0.	0.	0.	0.
435	G1	0.	0.	-749.778508	1.261E-09	-2.673E-10	0.
435	G2	0.	0.	-112.321837	0.01903	8.968E-06	0.
435	Qm	0.	0.	-509.957531	0.062529	-0.008735	0.
435	Qs	0.	0.	-47.999998	5.876E-11	-9.688E-12	0.
435	T+	0.	0.	0.	0.	0.	7.226E-19
435	T-	0.	0.	0.	0.	0.	-7.226E-19
435	W	0.	0.	-71.787426	-0.047832	0.095686	0.
435	Qm-1	0.	0.	-573.701444	0.058308	-0.008774	0.
435	Qm-2	0.	0.	-70.905318	-0.005057	1.495E-06	0.
436	DEAD	0.	0.	0.	0.	0.	0.
436	G1	0.	0.	-749.778509	1.262E-09	-2.673E-10	0.
436	G2	0.	0.	-116.127907	0.019031	9.057E-06	0.
436	Qm	0.	0.	-522.463065	0.062526	-0.008736	0.
436	Qs	0.	0.	-47.999998	5.877E-11	-9.689E-12	0.
436	T+	0.	0.	0.	0.	0.	-7.421E-19
436	T-	0.	0.	0.	0.	0.	7.421E-19
436	W	0.	0.	-62.22023	-0.04784	0.095687	0.
436	Qm-1	0.	0.	-585.36286	0.058307	-0.008775	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
436	Qm-2	0.	0.	-69.893954	-0.005057	1.712E-06	0.
437	DEAD	0.	0.	0.	0.	0.	0.
437	G1	0.	0.	-749.778509	1.262E-09	-2.673E-10	0.
437	G2	0.	0.	-119.934241	0.019032	9.168E-06	0.
437	Qm	0.	0.	-534.967795	0.062521	-0.008737	0.
437	Qs	0.	0.	-47.999998	5.878E-11	-9.690E-12	0.
437	T+	0.	0.	0.	0.	0.	7.266E-19
437	T-	0.	0.	0.	0.	0.	-7.266E-19
437	W	0.	0.	-52.651511	-0.047848	0.095687	0.
437	Qm-1	0.	0.	-597.024312	0.058309	-0.008775	0.
437	Qm-2	0.	0.	-68.882618	-0.005057	1.861E-06	0.
438	DEAD	0.	0.	0.	0.	0.	0.
438	G1	0.	0.	-749.778509	1.262E-09	-2.673E-10	0.
438	G2	0.	0.	-123.740848	0.019034	9.301E-06	0.
438	Qm	0.	0.	-547.471568	0.062516	-0.008738	0.
438	Qs	0.	0.	-47.999998	5.879E-11	-9.691E-12	0.
438	T+	0.	0.	0.	0.	0.	-6.860E-19
438	T-	0.	0.	0.	0.	0.	6.860E-19
438	W	0.	0.	-43.081113	-0.047856	0.095686	0.
438	Qm-1	0.	0.	-608.686519	0.058314	-0.008775	0.
438	Qm-2	0.	0.	-67.87135	-0.005056	1.970E-06	0.
439	DEAD	0.	0.	0.	0.	0.	0.
439	G1	0.	0.	-749.778509	1.263E-09	-2.673E-10	0.
439	G2	0.	0.	-127.54773	0.019035	9.456E-06	0.
439	Qm	0.	0.	-559.974297	0.062511	-0.008739	0.
439	Qs	0.	0.	-47.999998	5.881E-11	-9.692E-12	0.
439	T+	0.	0.	0.	0.	0.	6.495E-19
439	T-	0.	0.	0.	0.	0.	-6.495E-19
439	W	0.	0.	-33.508885	-0.047866	0.095686	0.
439	Qm-1	0.	0.	-620.350032	0.058322	-0.008776	0.
439	Qm-2	0.	0.	-66.860181	-0.005056	2.071E-06	0.
440	DEAD	0.	0.	0.	0.	0.	0.
440	G1	0.	0.	-749.77851	1.263E-09	-2.674E-10	0.
440	G2	0.	0.	-131.354884	0.019036	9.634E-06	0.
440	Qm	0.	0.	-572.475946	0.062506	-0.008739	0.
440	Qs	0.	0.	-47.999998	5.882E-11	-9.693E-12	0.
440	T+	0.	0.	0.	0.	0.	-6.791E-19
440	T-	0.	0.	0.	0.	0.	6.791E-19
440	W	0.	0.	-23.934675	-0.047876	0.095686	0.
440	Qm-1	0.	0.	-632.015241	0.058331	-0.008777	0.
440	Qm-2	0.	0.	-65.849136	-0.005055	2.190E-06	0.
441	DEAD	0.	0.	0.	0.	0.	0.
441	G1	0.	0.	-749.77851	1.263E-09	-2.674E-10	0.
441	G2	0.	0.	-135.162299	0.019038	9.837E-06	0.
441	Qm	0.	0.	-584.976536	0.0625	-0.00874	0.
441	Qs	0.	0.	-47.999998	5.883E-11	-9.694E-12	0.
441	T+	0.	0.	0.	0.	0.	7.177E-19
441	T-	0.	0.	0.	0.	0.	-7.177E-19
441	W	0.	0.	-14.358335	-0.047887	0.095686	0.
441	Qm-1	0.	0.	-643.68238	0.058341	-0.008778	0.
441	Qm-2	0.	0.	-64.838228	-0.005054	2.343E-06	0.
442	DEAD	0.	0.	0.	0.	0.	0.
442	G1	0.	0.	-749.77851	1.264E-09	-2.674E-10	0.
442	G2	0.	0.	-138.969954	0.019039	0.00001	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
442	Qm	0.	0.	-597.476134	0.062496	-0.008741	0.
442	Qs	0.	0.	-47.999998	5.884E-11	-9.695E-12	0.
442	T+	0.	0.	0.	0.	0.	-7.540E-19
442	T-	0.	0.	0.	0.	0.	7.540E-19
442	W	0.	0.	-4.779724	-0.047899	0.095686	0.
442	Qm-1	0.	0.	-655.351526	0.058351	-0.008779	0.
442	Qm-2	0.	0.	-63.827457	-0.005054	2.536E-06	0.
443	DEAD	0.	0.	0.	0.	0.	0.
443	G1	0.	0.	-749.77851	1.264E-09	-2.675E-10	0.
443	G2	0.	0.	-142.777823	0.01904	0.00001	0.
443	Qm	0.	0.	-609.974858	0.062492	-0.008741	0.
443	Qs	0.	0.	-47.999998	5.885E-11	-9.694E-12	0.
443	T+	0.	0.	0.	0.	0.	7.818E-19
443	T-	0.	0.	0.	0.	0.	-7.818E-19
443	W	0.	0.	4.801292	-0.047911	0.095686	0.
443	Qm-1	0.	0.	-667.0226	0.05836	-0.00878	0.
443	Qm-2	0.	0.	-62.816812	-0.005053	2.768E-06	0.
444	DEAD	0.	0.	0.	0.	0.	0.
444	G1	0.	0.	-749.778511	1.264E-09	-2.675E-10	0.
444	G2	0.	0.	-146.585867	0.019041	0.000011	0.
444	Qm	0.	0.	-622.472871	0.062489	-0.008742	0.
444	Qs	0.	0.	-47.999998	5.886E-11	-9.694E-12	0.
444	T+	0.	0.	0.	0.	0.	-7.926E-19
444	T-	0.	0.	0.	0.	0.	7.926E-19
444	W	0.	0.	14.384842	-0.047924	0.095685	0.
444	Qm-1	0.	0.	-678.695362	0.058367	-0.008781	0.
444	Qm-2	0.	0.	-61.806272	-0.005052	3.027E-06	0.
445	DEAD	0.	0.	0.	0.	0.	0.
445	G1	0.	0.	-749.778511	1.265E-09	-2.675E-10	0.
445	G2	0.	0.	-150.394039	0.019041	0.000011	0.
445	Qm	0.	0.	-634.970381	0.062487	-0.008742	0.
445	Qs	0.	0.	-47.999998	5.886E-11	-9.694E-12	0.
445	T+	0.	0.	0.	0.	0.	7.740E-19
445	T-	0.	0.	0.	0.	0.	-7.740E-19
445	W	0.	0.	23.971086	-0.047938	0.095685	0.
445	Qm-1	0.	0.	-690.369404	0.058373	-0.008783	0.
445	Qm-2	0.	0.	-60.795806	-0.005052	3.295E-06	0.
446	DEAD	0.	0.	0.	0.	0.	0.
446	G1	0.	0.	-749.778511	1.265E-09	-2.675E-10	0.
446	G2	0.	0.	-154.202278	0.019041	0.000011	0.
446	Qm	0.	0.	-647.467643	0.062486	-0.008743	0.
446	Qs	0.	0.	-47.999998	5.887E-11	-9.693E-12	0.
446	T+	0.	0.	0.	0.	0.	-7.119E-19
446	T-	0.	0.	0.	0.	0.	7.119E-19
446	W	0.	0.	33.560479	-0.047957	0.095685	0.
446	Qm-1	0.	0.	-702.044145	0.058374	-0.008785	0.
446	Qm-2	0.	0.	-59.785384	-0.005052	3.558E-06	0.
447	DEAD	0.	0.	0.	0.	0.	0.
447	G1	0.	0.	-749.778511	1.265E-09	-2.676E-10	0.
447	G2	0.	0.	-158.010502	0.019041	0.000012	0.
447	Qm	0.	0.	-659.964941	0.062487	-0.008743	0.
447	Qs	0.	0.	-47.999998	5.887E-11	-9.693E-12	0.
447	T+	0.	0.	0.	0.	0.	6.705E-19
447	T-	0.	0.	0.	0.	0.	-6.705E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
447	W	0.	0.	43.153455	-0.047966	0.095676	0.
447	Qm-1	0.	0.	-713.719038	0.058375	-0.008786	0.
447	Qm-2	0.	0.	-58.774972	-0.005052	3.817E-06	0.
448	DEAD	0.	0.	0.	0.	0.	0.
448	G1	0.	0.	-749.778512	1.265E-09	-2.676E-10	0.
448	G2	0.	0.	-161.818633	0.01904	0.000012	0.
448	Qm	0.	0.	-672.4625	0.062489	-0.008744	0.
448	Qs	0.	0.	-47.999998	5.887E-11	-9.693E-12	0.
448	T+	0.	0.	0.	0.	0.	-6.344E-19
448	T-	0.	0.	0.	0.	0.	6.344E-19
448	W	0.	0.	52.748461	-0.047979	0.095664	0.
448	Qm-1	0.	0.	-725.39422	0.058377	-0.008788	0.
448	Qm-2	0.	0.	-57.764542	-0.005052	4.091E-06	0.
449	DEAD	0.	0.	0.	0.	0.	0.
449	G1	0.	0.	-749.778505	1.261E-09	-2.672E-10	0.
449	G2	0.	0.	-66.663157	0.019024	0.000012	0.
449	Qm	0.	0.	-358.095904	0.062557	-0.008734	0.
449	Qs	0.	0.	-47.999998	5.866E-11	-9.669E-12	0.
449	T+	0.	0.	0.	0.	0.	-3.832E-19
449	T-	0.	0.	0.	0.	0.	3.832E-19
449	W	0.	0.	-205.662192	-0.047792	0.095685	0.
449	Qm-1	0.	0.	-431.961454	0.058333	-0.008777	0.
449	Qm-2	0.	0.	-83.032337	-0.00505	-1.216E-06	0.
450	DEAD	0.	0.	0.	0.	0.	0.
450	G1	0.	0.	-749.778506	1.261E-09	-2.672E-10	0.
450	G2	0.	0.	-70.46801	0.019024	0.000012	0.
450	Qm	0.	0.	-370.607435	0.062559	-0.008735	0.
450	Qs	0.	0.	-47.999998	5.866E-11	-9.670E-12	0.
450	T+	0.	0.	0.	0.	0.	3.825E-19
450	T-	0.	0.	0.	0.	0.	-3.825E-19
450	W	0.	0.	-196.103565	-0.047794	0.095687	0.
450	Qm-1	0.	0.	-443.62829	0.058335	-0.008778	0.
450	Qm-2	0.	0.	-82.022357	-0.00505	-1.185E-06	0.
451	DEAD	0.	0.	0.	0.	0.	0.
451	G1	0.	0.	-749.778506	1.261E-09	-2.672E-10	0.
451	G2	0.	0.	-74.272794	0.019024	0.000012	0.
451	Qm	0.	0.	-383.119293	0.06256	-0.008736	0.
451	Qs	0.	0.	-47.999998	5.866E-11	-9.671E-12	0.
451	T+	0.	0.	0.	0.	0.	-3.935E-19
451	T-	0.	0.	0.	0.	0.	3.935E-19
451	W	0.	0.	-186.54462	-0.047796	0.095688	0.
451	Qm-1	0.	0.	-455.295537	0.058337	-0.00878	0.
451	Qm-2	0.	0.	-81.012369	-0.00505	-1.154E-06	0.
452	DEAD	0.	0.	0.	0.	0.	0.
452	G1	0.	0.	-749.778506	1.261E-09	-2.673E-10	0.
452	G2	0.	0.	-78.077538	0.019024	0.000012	0.
452	Qm	0.	0.	-395.631306	0.06256	-0.008738	0.
452	Qs	0.	0.	-47.999998	5.866E-11	-9.672E-12	0.
452	T+	0.	0.	0.	0.	0.	4.512E-19
452	T-	0.	0.	0.	0.	0.	-4.512E-19
452	W	0.	0.	-176.98534	-0.047797	0.09569	0.
452	Qm-1	0.	0.	-466.962969	0.058337	-0.008781	0.
452	Qm-2	0.	0.	-80.002335	-0.00505	-1.102E-06	0.
453	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
453	G1	0.	0.	-749.778506	1.261E-09	-2.673E-10	0.
453	G2	0.	0.	-81.882275	0.019024	0.000011	0.
453	Qm	0.	0.	-408.143181	0.062558	-0.008739	0.
453	Qs	0.	0.	-47.999998	5.867E-11	-9.673E-12	0.
453	T+	0.	0.	0.	0.	0.	-5.042E-19
453	T-	0.	0.	0.	0.	0.	5.042E-19
453	W	0.	0.	-167.425686	-0.047799	0.095691	0.
453	Qm-1	0.	0.	-478.630205	0.058335	-0.008782	0.
453	Qm-2	0.	0.	-78.992206	-0.005051	-1.007E-06	0.
454	DEAD	0.	0.	0.	0.	0.	0.
454	G1	0.	0.	-749.778507	1.261E-09	-2.674E-10	0.
454	G2	0.	0.	-85.68704	0.019024	0.000011	0.
454	Qm	0.	0.	-420.654512	0.062555	-0.00874	0.
454	Qs	0.	0.	-47.999998	5.867E-11	-9.674E-12	0.
454	T+	0.	0.	0.	0.	0.	5.300E-19
454	T-	0.	0.	0.	0.	0.	-5.300E-19
454	W	0.	0.	-157.865597	-0.047802	0.095691	0.
454	Qm-1	0.	0.	-490.296845	0.058332	-0.008783	0.
454	Qm-2	0.	0.	-77.981944	-0.005052	-8.521E-07	0.
455	DEAD	0.	0.	0.	0.	0.	0.
455	G1	0.	0.	-749.778507	1.261E-09	-2.674E-10	0.
455	G2	0.	0.	-89.491867	0.019024	0.000011	0.
455	Qm	0.	0.	-433.164936	0.062549	-0.008742	0.
455	Qs	0.	0.	-47.999998	5.868E-11	-9.675E-12	0.
455	T+	0.	0.	0.	0.	0.	-5.466E-19
455	T-	0.	0.	0.	0.	0.	5.466E-19
455	W	0.	0.	-148.305003	-0.047804	0.095692	0.
455	Qm-1	0.	0.	-501.96295	0.058329	-0.008785	0.
455	Qm-2	0.	0.	-76.971524	-0.005053	-6.270E-07	0.
456	DEAD	0.	0.	0.	0.	0.	0.
456	G1	0.	0.	-749.778507	1.261E-09	-2.674E-10	0.
456	G2	0.	0.	-93.296788	0.019025	0.000011	0.
456	Qm	0.	0.	-445.674278	0.062544	-0.008742	0.
456	Qs	0.	0.	-47.999998	5.869E-11	-9.676E-12	0.
456	T+	0.	0.	0.	0.	0.	5.680E-19
456	T-	0.	0.	0.	0.	0.	-5.680E-19
456	W	0.	0.	-138.743825	-0.047807	0.095693	0.
456	Qm-1	0.	0.	-513.628538	0.058326	-0.008785	0.
456	Qm-2	0.	0.	-75.960933	-0.005053	-3.268E-07	0.
457	DEAD	0.	0.	0.	0.	0.	0.
457	G1	0.	0.	-749.778507	1.261E-09	-2.675E-10	0.
457	G2	0.	0.	-97.101835	0.019026	0.000011	0.
457	Qm	0.	0.	-458.182578	0.062539	-0.008743	0.
457	Qs	0.	0.	-47.999998	5.870E-11	-9.678E-12	0.
457	T+	0.	0.	0.	0.	0.	-5.904E-19
457	T-	0.	0.	0.	0.	0.	5.904E-19
457	W	0.	0.	-129.181976	-0.047811	0.095693	0.
457	Qm-1	0.	0.	-525.293425	0.058322	-0.008786	0.
457	Qm-2	0.	0.	-74.950165	-0.005054	4.600E-08	0.
458	DEAD	0.	0.	0.	0.	0.	0.
458	G1	0.	0.	-749.778508	1.261E-09	-2.675E-10	0.
458	G2	0.	0.	-100.907039	0.019026	0.000011	0.
458	Qm	0.	0.	-470.690061	0.062536	-0.008744	0.
458	Qs	0.	0.	-47.999998	5.871E-11	-9.679E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
458	T+	0.	0.	0.	0.	0.	6.058E-19
458	T-	0.	0.	0.	0.	0.	-6.058E-19
458	W	0.	0.	-119.619352	-0.047815	0.095693	0.
458	Qm-1	0.	0.	-536.95738	0.058318	-0.008787	0.
458	Qm-2	0.	0.	-73.939223	-0.005055	4.767E-07	0.
459	DEAD	0.	0.	0.	0.	0.	0.
459	G1	0.	0.	-749.778508	1.261E-09	-2.675E-10	0.
459	G2	0.	0.	-104.712427	0.019027	0.000011	0.
459	Qm	0.	0.	-483.196978	0.062533	-0.008744	0.
459	Qs	0.	0.	-47.999998	5.873E-11	-9.680E-12	0.
459	T+	0.	0.	0.	0.	0.	-5.993E-19
459	T-	0.	0.	0.	0.	0.	5.993E-19
459	W	0.	0.	-110.055825	-0.04782	0.095694	0.
459	Qm-1	0.	0.	-548.620605	0.058315	-0.008787	0.
459	Qm-2	0.	0.	-72.928131	-0.005056	9.327E-07	0.
460	DEAD	0.	0.	0.	0.	0.	0.
460	G1	0.	0.	-749.778508	1.261E-09	-2.675E-10	0.
460	G2	0.	0.	-108.518028	0.019029	0.000011	0.
460	Qm	0.	0.	-495.703452	0.062531	-0.008745	0.
460	Qs	0.	0.	-47.999998	5.874E-11	-9.681E-12	0.
460	T+	0.	0.	0.	0.	0.	6.206E-19
460	T-	0.	0.	0.	0.	0.	-6.206E-19
460	W	0.	0.	-100.491248	-0.047826	0.095694	0.
460	Qm-1	0.	0.	-560.283258	0.058312	-0.008787	0.
460	Qm-2	0.	0.	-71.916923	-0.005056	1.365E-06	0.
461	DEAD	0.	0.	0.	0.	0.	0.
461	G1	0.	0.	-749.778508	1.261E-09	-2.675E-10	0.
461	G2	0.	0.	-112.323863	0.01903	0.000011	0.
461	Qm	0.	0.	-508.209458	0.062529	-0.008745	0.
461	Qs	0.	0.	-47.999998	5.876E-11	-9.682E-12	0.
461	T+	0.	0.	0.	0.	0.	-7.074E-19
461	T-	0.	0.	0.	0.	0.	7.074E-19
461	W	0.	0.	-90.925456	-0.047832	0.095694	0.
461	Qm-1	0.	0.	-571.945292	0.058308	-0.008787	0.
461	Qm-2	0.	0.	-70.905641	-0.005057	1.725E-06	0.
462	DEAD	0.	0.	0.	0.	0.	0.
462	G1	0.	0.	-749.778509	1.262E-09	-2.675E-10	0.
462	G2	0.	0.	-116.129953	0.019031	0.000011	0.
462	Qm	0.	0.	-520.714841	0.062525	-0.008746	0.
462	Qs	0.	0.	-47.999998	5.877E-11	-9.683E-12	0.
462	T+	0.	0.	0.	0.	0.	7.002E-19
462	T-	0.	0.	0.	0.	0.	-7.002E-19
462	W	0.	0.	-81.358283	-0.04784	0.095694	0.
462	Qm-1	0.	0.	-583.606689	0.058306	-0.008787	0.
462	Qm-2	0.	0.	-69.894325	-0.005057	1.989E-06	0.
463	DEAD	0.	0.	0.	0.	0.	0.
463	G1	0.	0.	-749.778509	1.262E-09	-2.675E-10	0.
463	G2	0.	0.	-119.936312	0.019032	0.000012	0.
463	Qm	0.	0.	-533.219412	0.062521	-0.008747	0.
463	Qs	0.	0.	-47.999998	5.878E-11	-9.684E-12	0.
463	T+	0.	0.	0.	0.	0.	-6.630E-19
463	T-	0.	0.	0.	0.	0.	6.630E-19
463	W	0.	0.	-71.789568	-0.047848	0.095694	0.
463	Qm-1	0.	0.	-595.268114	0.058308	-0.008787	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
463	Qm-2	0.	0.	-68.883023	-0.005056	2.171E-06	0.
464	DEAD	0.	0.	0.	0.	0.	0.
464	G1	0.	0.	-749.778509	1.262E-09	-2.675E-10	0.
464	G2	0.	0.	-123.742949	0.019034	0.000012	0.
464	Qm	0.	0.	-545.723027	0.062516	-0.008747	0.
464	Qs	0.	0.	-47.999998	5.879E-11	-9.685E-12	0.
464	T+	0.	0.	0.	0.	0.	6.638E-19
464	T-	0.	0.	0.	0.	0.	-6.638E-19
464	W	0.	0.	-62.21916	-0.047857	0.095694	0.
464	Qm-1	0.	0.	-606.930272	0.058314	-0.008787	0.
464	Qm-2	0.	0.	-67.87178	-0.005056	2.311E-06	0.
465	DEAD	0.	0.	0.	0.	0.	0.
465	G1	0.	0.	-749.778509	1.263E-09	-2.675E-10	0.
465	G2	0.	0.	-127.549866	0.019035	0.000012	0.
465	Qm	0.	0.	-558.225602	0.06251	-0.008748	0.
465	Qs	0.	0.	-47.999998	5.881E-11	-9.686E-12	0.
465	T+	0.	0.	0.	0.	0.	-6.477E-19
465	T-	0.	0.	0.	0.	0.	6.477E-19
465	W	0.	0.	-52.646913	-0.047866	0.095694	0.
465	Qm-1	0.	0.	-618.593704	0.058321	-0.008787	0.
465	Qm-2	0.	0.	-66.860636	-0.005055	2.449E-06	0.
466	DEAD	0.	0.	0.	0.	0.	0.
466	G1	0.	0.	-749.77851	1.263E-09	-2.675E-10	0.
466	G2	0.	0.	-131.35706	0.019037	0.000012	0.
466	Qm	0.	0.	-570.727109	0.062505	-0.008749	0.
466	Qs	0.	0.	-47.999998	5.882E-11	-9.687E-12	0.
466	T+	0.	0.	0.	0.	0.	6.945E-19
466	T-	0.	0.	0.	0.	0.	-6.945E-19
466	W	0.	0.	-43.072678	-0.047876	0.095694	0.
466	Qm-1	0.	0.	-630.25879	0.05833	-0.008788	0.
466	Qm-2	0.	0.	-65.84962	-0.005055	2.616E-06	0.
467	DEAD	0.	0.	0.	0.	0.	0.
467	G1	0.	0.	-749.77851	1.263E-09	-2.676E-10	0.
467	G2	0.	0.	-135.164519	0.019038	0.000012	0.
467	Qm	0.	0.	-583.227571	0.0625	-0.008749	0.
467	Qs	0.	0.	-47.999998	5.883E-11	-9.688E-12	0.
467	T+	0.	0.	0.	0.	0.	-7.426E-19
467	T-	0.	0.	0.	0.	0.	7.426E-19
467	W	0.	0.	-33.496304	-0.047887	0.095694	0.
467	Qm-1	0.	0.	-641.925758	0.05834	-0.008789	0.
467	Qm-2	0.	0.	-64.838748	-0.005054	2.828E-06	0.
468	DEAD	0.	0.	0.	0.	0.	0.
468	G1	0.	0.	-749.77851	1.264E-09	-2.676E-10	0.
468	G2	0.	0.	-138.972225	0.019039	0.000013	0.
468	Qm	0.	0.	-595.727058	0.062495	-0.00875	0.
468	Qs	0.	0.	-47.999998	5.884E-11	-9.688E-12	0.
468	T+	0.	0.	0.	0.	0.	7.767E-19
468	T-	0.	0.	0.	0.	0.	-7.767E-19
468	W	0.	0.	-23.917639	-0.047899	0.095693	0.
468	Qm-1	0.	0.	-653.594684	0.058349	-0.00879	0.
468	Qm-2	0.	0.	-63.828023	-0.005053	3.093E-06	0.
469	DEAD	0.	0.	0.	0.	0.	0.
469	G1	0.	0.	-749.77851	1.264E-09	-2.676E-10	0.
469	G2	0.	0.	-142.780151	0.01904	0.000013	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
469	Qm	0.	0.	-608.225683	0.062491	-0.00875	0.
469	Qs	0.	0.	-47.999998	5.885E-11	-9.688E-12	0.
469	T+	0.	0.	0.	0.	0.	-8.166E-19
469	T-	0.	0.	0.	0.	0.	8.166E-19
469	W	0.	0.	-14.336543	-0.047912	0.095693	0.
469	Qm-1	0.	0.	-665.265494	0.058358	-0.008791	0.
469	Qm-2	0.	0.	-62.817434	-0.005053	3.410E-06	0.
470	DEAD	0.	0.	0.	0.	0.	0.
470	G1	0.	0.	-749.778511	1.264E-09	-2.676E-10	0.
470	G2	0.	0.	-146.58826	0.019041	0.000013	0.
470	Qm	0.	0.	-620.723607	0.062488	-0.008751	0.
470	Qs	0.	0.	-47.999998	5.886E-11	-9.688E-12	0.
470	T+	0.	0.	0.	0.	0.	8.452E-19
470	T-	0.	0.	0.	0.	0.	-8.452E-19
470	W	0.	0.	-4.752879	-0.047925	0.095692	0.
470	Qm-1	0.	0.	-676.937955	0.058366	-0.008793	0.
470	Qm-2	0.	0.	-61.806954	-0.005052	3.763E-06	0.
471	DEAD	0.	0.	0.	0.	0.	0.
471	G1	0.	0.	-749.778511	1.265E-09	-2.677E-10	0.
471	G2	0.	0.	-150.396507	0.019041	0.000014	0.
471	Qm	0.	0.	-633.221031	0.062486	-0.008751	0.
471	Qs	0.	0.	-47.999998	5.886E-11	-9.687E-12	0.
471	T+	0.	0.	0.	0.	0.	-8.559E-19
471	T-	0.	0.	0.	0.	0.	8.559E-19
471	W	0.	0.	4.833514	-0.047939	0.095691	0.
471	Qm-1	0.	0.	-688.611667	0.058371	-0.008794	0.
471	Qm-2	0.	0.	-60.796552	-0.005052	4.125E-06	0.
472	DEAD	0.	0.	0.	0.	0.	0.
472	G1	0.	0.	-749.778511	1.265E-09	-2.677E-10	0.
472	G2	0.	0.	-154.204834	0.019042	0.000014	0.
472	Qm	0.	0.	-645.718202	0.062486	-0.008752	0.
472	Qs	0.	0.	-47.999998	5.887E-11	-9.687E-12	0.
472	T+	0.	0.	0.	0.	0.	8.487E-19
472	T-	0.	0.	0.	0.	0.	-8.487E-19
472	W	0.	0.	14.422794	-0.047953	0.095689	0.
472	Qm-1	0.	0.	-700.286056	0.058372	-0.008796	0.
472	Qm-2	0.	0.	-59.786191	-0.005052	4.470E-06	0.
473	DEAD	0.	0.	0.	0.	0.	0.
473	G1	0.	0.	-749.778511	1.265E-09	-2.677E-10	0.
473	G2	0.	0.	-158.013161	0.019041	0.000014	0.
473	Qm	0.	0.	-658.215395	0.062486	-0.008752	0.
473	Qs	0.	0.	-47.999998	5.887E-11	-9.686E-12	0.
473	T+	0.	0.	0.	0.	0.	-7.894E-19
473	T-	0.	0.	0.	0.	0.	7.894E-19
473	W	0.	0.	24.017197	-0.048007	0.095688	0.
473	Qm-1	0.	0.	-711.960575	0.058373	-0.008798	0.
473	Qm-2	0.	0.	-58.775838	-0.005052	4.794E-06	0.
474	DEAD	0.	0.	0.	0.	0.	0.
474	G1	0.	0.	-749.778512	1.265E-09	-2.678E-10	0.
474	G2	0.	0.	-161.821369	0.019041	0.000015	0.
474	Qm	0.	0.	-670.712824	0.062488	-0.008753	0.
474	Qs	0.	0.	-47.999998	5.887E-11	-9.686E-12	0.
474	T+	0.	0.	0.	0.	0.	7.284E-19
474	T-	0.	0.	0.	0.	0.	-7.284E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
474	W	0.	0.	33.614001	-0.047976	0.095685	0.
474	Qm-1	0.	0.	-723.635357	0.058375	-0.0088	0.
474	Qm-2	0.	0.	-57.765469	-0.005052	5.126E-06	0.
475	DEAD	0.	0.	0.	0.	0.	0.
475	G1	0.	0.	-749.778505	1.261E-09	-2.674E-10	0.
475	G2	0.	0.	-66.665865	0.019024	0.000015	0.
475	Qm	0.	0.	-356.348176	0.062556	-0.008743	0.
475	Qs	0.	0.	-47.999998	5.866E-11	-9.663E-12	0.
475	T+	0.	0.	0.	0.	0.	3.828E-19
475	T-	0.	0.	0.	0.	0.	-3.828E-19
475	W	0.	0.	-224.80014	-0.047791	0.095694	0.
475	Qm-1	0.	0.	-430.204751	0.058332	-0.008789	0.
475	Qm-2	0.	0.	-83.032044	-0.00505	-1.699E-06	0.
476	DEAD	0.	0.	0.	0.	0.	0.
476	G1	0.	0.	-749.778506	1.261E-09	-2.674E-10	0.
476	G2	0.	0.	-70.470652	0.019024	0.000014	0.
476	Qm	0.	0.	-368.859494	0.062557	-0.008744	0.
476	Qs	0.	0.	-47.999998	5.866E-11	-9.664E-12	0.
476	T+	0.	0.	0.	0.	0.	-4.052E-19
476	T-	0.	0.	0.	0.	0.	4.052E-19
476	W	0.	0.	-215.241838	-0.047792	0.095696	0.
476	Qm-1	0.	0.	-441.871398	0.058334	-0.00879	0.
476	Qm-2	0.	0.	-82.022075	-0.00505	-1.623E-06	0.
477	DEAD	0.	0.	0.	0.	0.	0.
477	G1	0.	0.	-749.778506	1.261E-09	-2.674E-10	0.
477	G2	0.	0.	-74.275377	0.019024	0.000014	0.
477	Qm	0.	0.	-381.371089	0.062558	-0.008746	0.
477	Qs	0.	0.	-47.999998	5.866E-11	-9.665E-12	0.
477	T+	0.	0.	0.	0.	0.	4.030E-19
477	T-	0.	0.	0.	0.	0.	-4.030E-19
477	W	0.	0.	-205.683173	-0.047794	0.095697	0.
477	Qm-1	0.	0.	-453.538399	0.058336	-0.008792	0.
477	Qm-2	0.	0.	-81.012102	-0.00505	-1.520E-06	0.
478	DEAD	0.	0.	0.	0.	0.	0.
478	G1	0.	0.	-749.778506	1.261E-09	-2.675E-10	0.
478	G2	0.	0.	-78.080072	0.019023	0.000014	0.
478	Qm	0.	0.	-393.882804	0.062558	-0.008747	0.
478	Qs	0.	0.	-47.999998	5.866E-11	-9.666E-12	0.
478	T+	0.	0.	0.	0.	0.	-4.274E-19
478	T-	0.	0.	0.	0.	0.	4.274E-19
478	W	0.	0.	-196.124136	-0.047796	0.095698	0.
478	Qm-1	0.	0.	-465.205554	0.058336	-0.008793	0.
478	Qm-2	0.	0.	-80.002087	-0.00505	-1.371E-06	0.
479	DEAD	0.	0.	0.	0.	0.	0.
479	G1	0.	0.	-749.778506	1.261E-09	-2.675E-10	0.
479	G2	0.	0.	-81.88477	0.019024	0.000014	0.
479	Qm	0.	0.	-406.39437	0.062557	-0.008749	0.
479	Qs	0.	0.	-47.999998	5.867E-11	-9.666E-12	0.
479	T+	0.	0.	0.	0.	0.	5.202E-19
479	T-	0.	0.	0.	0.	0.	-5.202E-19
479	W	0.	0.	-186.564684	-0.047798	0.0957	0.
479	Qm-1	0.	0.	-476.872513	0.058333	-0.008794	0.
479	Qm-2	0.	0.	-78.991985	-0.005051	-1.205E-06	0.
480	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
480	G1	0.	0.	-749.778507	1.261E-09	-2.676E-10	0.
480	G2	0.	0.	-85.689505	0.019024	0.000013	0.
480	Qm	0.	0.	-418.905416	0.062553	-0.00875	0.
480	Qs	0.	0.	-47.999998	5.867E-11	-9.667E-12	0.
480	T+	0.	0.	0.	0.	0.	-5.433E-19
480	T-	0.	0.	0.	0.	0.	5.433E-19
480	W	0.	0.	-177.004753	-0.047801	0.0957	0.
480	Qm-1	0.	0.	-488.538901	0.058331	-0.008796	0.
480	Qm-2	0.	0.	-77.981757	-0.005051	-1.021E-06	0.
481	DEAD	0.	0.	0.	0.	0.	0.
481	G1	0.	0.	-749.778507	1.261E-09	-2.676E-10	0.
481	G2	0.	0.	-89.494311	0.019024	0.000013	0.
481	Qm	0.	0.	-431.415606	0.062548	-0.008751	0.
481	Qs	0.	0.	-47.999998	5.868E-11	-9.668E-12	0.
481	T+	0.	0.	0.	0.	0.	5.362E-19
481	T-	0.	0.	0.	0.	0.	-5.362E-19
481	W	0.	0.	-167.444276	-0.047804	0.095701	0.
481	Qm-1	0.	0.	-500.204784	0.058328	-0.008797	0.
481	Qm-2	0.	0.	-76.971385	-0.005052	-7.733E-07	0.
482	DEAD	0.	0.	0.	0.	0.	0.
482	G1	0.	0.	-749.778507	1.261E-09	-2.676E-10	0.
482	G2	0.	0.	-93.29922	0.019025	0.000013	0.
482	Qm	0.	0.	-443.924779	0.062543	-0.008752	0.
482	Qs	0.	0.	-47.999998	5.869E-11	-9.670E-12	0.
482	T+	0.	0.	0.	0.	0.	-5.431E-19
482	T-	0.	0.	0.	0.	0.	5.431E-19
482	W	0.	0.	-157.883185	-0.047807	0.095701	0.
482	Qm-1	0.	0.	-511.870189	0.058326	-0.008798	0.
482	Qm-2	0.	0.	-75.960861	-0.005053	-4.065E-07	0.
483	DEAD	0.	0.	0.	0.	0.	0.
483	G1	0.	0.	-749.778507	1.261E-09	-2.677E-10	0.
483	G2	0.	0.	-97.104262	0.019026	0.000013	0.
483	Qm	0.	0.	-456.432965	0.062539	-0.008753	0.
483	Qs	0.	0.	-47.999998	5.870E-11	-9.671E-12	0.
483	T+	0.	0.	0.	0.	0.	5.913E-19
483	T-	0.	0.	0.	0.	0.	-5.913E-19
483	W	0.	0.	-148.32141	-0.047811	0.095702	0.
483	Qm-1	0.	0.	-523.534944	0.058322	-0.008798	0.
483	Qm-2	0.	0.	-74.950174	-0.005054	3.113E-08	0.
484	DEAD	0.	0.	0.	0.	0.	0.
484	G1	0.	0.	-749.778508	1.261E-09	-2.677E-10	0.
484	G2	0.	0.	-100.909467	0.019026	0.000013	0.
484	Qm	0.	0.	-468.940367	0.062535	-0.008753	0.
484	Qs	0.	0.	-47.999998	5.871E-11	-9.672E-12	0.
484	T+	0.	0.	0.	0.	0.	-5.952E-19
484	T-	0.	0.	0.	0.	0.	5.952E-19
484	W	0.	0.	-138.758861	-0.047815	0.095702	0.
484	Qm-1	0.	0.	-535.198822	0.058317	-0.008799	0.
484	Qm-2	0.	0.	-73.939323	-0.005055	4.965E-07	0.
485	DEAD	0.	0.	0.	0.	0.	0.
485	G1	0.	0.	-749.778508	1.261E-09	-2.677E-10	0.
485	G2	0.	0.	-104.714863	0.019027	0.000013	0.
485	Qm	0.	0.	-481.447208	0.062533	-0.008753	0.
485	Qs	0.	0.	-47.999998	5.873E-11	-9.674E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
485	T+	0.	0.	0.	0.	0.	5.724E-19
485	T-	0.	0.	0.	0.	0.	-5.724E-19
485	W	0.	0.	-129.195416	-0.04782	0.095703	0.
485	Qm-1	0.	0.	-546.862023	0.058315	-0.008799	0.
485	Qm-2	0.	0.	-72.928325	-0.005055	9.779E-07	0.
486	DEAD	0.	0.	0.	0.	0.	0.
486	G1	0.	0.	-749.778508	1.261E-09	-2.677E-10	0.
486	G2	0.	0.	-108.520476	0.019029	0.000013	0.
486	Qm	0.	0.	-493.953592	0.062531	-0.008754	0.
486	Qs	0.	0.	-47.999998	5.874E-11	-9.675E-12	0.
486	T+	0.	0.	0.	0.	0.	-6.010E-19
486	T-	0.	0.	0.	0.	0.	6.010E-19
486	W	0.	0.	-119.630918	-0.047825	0.095703	0.
486	Qm-1	0.	0.	-558.524688	0.058312	-0.008799	0.
486	Qm-2	0.	0.	-71.917208	-0.005056	1.462E-06	0.
487	DEAD	0.	0.	0.	0.	0.	0.
487	G1	0.	0.	-749.778508	1.262E-09	-2.677E-10	0.
487	G2	0.	0.	-112.326329	0.01903	0.000013	0.
487	Qm	0.	0.	-506.459486	0.062528	-0.008754	0.
487	Qs	0.	0.	-47.999998	5.875E-11	-9.675E-12	0.
487	T+	0.	0.	0.	0.	0.	6.289E-19
487	T-	0.	0.	0.	0.	0.	-6.289E-19
487	W	0.	0.	-110.065188	-0.047832	0.095703	0.
487	Qm-1	0.	0.	-570.186754	0.058309	-0.008798	0.
487	Qm-2	0.	0.	-70.906002	-0.005056	1.872E-06	0.
488	DEAD	0.	0.	0.	0.	0.	0.
488	G1	0.	0.	-749.778509	1.262E-09	-2.677E-10	0.
488	G2	0.	0.	-116.132443	0.019031	0.000013	0.
488	Qm	0.	0.	-518.964739	0.062524	-0.008755	0.
488	Qs	0.	0.	-47.999998	5.877E-11	-9.677E-12	0.
488	T+	0.	0.	0.	0.	0.	-6.185E-19
488	T-	0.	0.	0.	0.	0.	6.185E-19
488	W	0.	0.	-100.498047	-0.04784	0.095704	0.
488	Qm-1	0.	0.	-581.848192	0.058307	-0.008798	0.
488	Qm-2	0.	0.	-69.894742	-0.005056	2.160E-06	0.
489	DEAD	0.	0.	0.	0.	0.	0.
489	G1	0.	0.	-749.778509	1.262E-09	-2.677E-10	0.
489	G2	0.	0.	-119.938832	0.019033	0.000014	0.
489	Qm	0.	0.	-531.469168	0.06252	-0.008756	0.
489	Qs	0.	0.	-47.999998	5.878E-11	-9.678E-12	0.
489	T+	0.	0.	0.	0.	0.	5.872E-19
489	T-	0.	0.	0.	0.	0.	-5.872E-19
489	W	0.	0.	-90.929333	-0.047848	0.095704	0.
489	Qm-1	0.	0.	-593.509649	0.058309	-0.008798	0.
489	Qm-2	0.	0.	-68.883478	-0.005056	2.346E-06	0.
490	DEAD	0.	0.	0.	0.	0.	0.
490	G1	0.	0.	-749.778509	1.262E-09	-2.677E-10	0.
490	G2	0.	0.	-123.745505	0.019034	0.000014	0.
490	Qm	0.	0.	-543.972638	0.062515	-0.008756	0.
490	Qs	0.	0.	-47.999998	5.879E-11	-9.679E-12	0.
490	T+	0.	0.	0.	0.	0.	-6.109E-19
490	T-	0.	0.	0.	0.	0.	6.109E-19
490	W	0.	0.	-81.358905	-0.047857	0.095703	0.
490	Qm-1	0.	0.	-605.171816	0.058314	-0.008797	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
490	Qm-2	0.	0.	-67.872263	-0.005056	2.493E-06	0.
491	DEAD	0.	0.	0.	0.	0.	0.
491	G1	0.	0.	-749.778509	1.263E-09	-2.677E-10	0.
491	G2	0.	0.	-127.552464	0.019036	0.000014	0.
491	Qm	0.	0.	-556.475075	0.06251	-0.008757	0.
491	Qs	0.	0.	-47.999998	5.880E-11	-9.680E-12	0.
491	T+	0.	0.	0.	0.	0.	6.475E-19
491	T-	0.	0.	0.	0.	0.	-6.475E-19
491	W	0.	0.	-71.786627	-0.047866	0.095703	0.
491	Qm-1	0.	0.	-616.835213	0.058321	-0.008797	0.
491	Qm-2	0.	0.	-66.861149	-0.005055	2.656E-06	0.
492	DEAD	0.	0.	0.	0.	0.	0.
492	G1	0.	0.	-749.77851	1.263E-09	-2.677E-10	0.
492	G2	0.	0.	-131.359704	0.019037	0.000014	0.
492	Qm	0.	0.	-568.976457	0.062504	-0.008757	0.
492	Qs	0.	0.	-47.999998	5.882E-11	-9.681E-12	0.
492	T+	0.	0.	0.	0.	0.	-7.054E-19
492	T-	0.	0.	0.	0.	0.	7.054E-19
492	W	0.	0.	-62.212356	-0.047877	0.095703	0.
492	Qm-1	0.	0.	-628.500209	0.058329	-0.008798	0.
492	Qm-2	0.	0.	-65.85017	-0.005055	2.860E-06	0.
493	DEAD	0.	0.	0.	0.	0.	0.
493	G1	0.	0.	-749.77851	1.263E-09	-2.677E-10	0.
493	G2	0.	0.	-135.167216	0.019038	0.000015	0.
493	Qm	0.	0.	-581.476811	0.062499	-0.008758	0.
493	Qs	0.	0.	-47.999998	5.883E-11	-9.682E-12	0.
493	T+	0.	0.	0.	0.	0.	7.503E-19
493	T-	0.	0.	0.	0.	0.	-7.503E-19
493	W	0.	0.	-52.63593	-0.047888	0.095703	0.
493	Qm-1	0.	0.	-640.167024	0.058339	-0.008799	0.
493	Qm-2	0.	0.	-64.839346	-0.005054	3.117E-06	0.
494	DEAD	0.	0.	0.	0.	0.	0.
494	G1	0.	0.	-749.77851	1.264E-09	-2.677E-10	0.
494	G2	0.	0.	-138.974981	0.019039	0.000015	0.
494	Qm	0.	0.	-593.976207	0.062495	-0.008758	0.
494	Qs	0.	0.	-47.999998	5.884E-11	-9.682E-12	0.
494	T+	0.	0.	0.	0.	0.	-7.924E-19
494	T-	0.	0.	0.	0.	0.	7.924E-19
494	W	0.	0.	-43.057179	-0.0479	0.095702	0.
494	Qm-1	0.	0.	-651.835734	0.058348	-0.0088	0.
494	Qm-2	0.	0.	-63.82868	-0.005053	3.435E-06	0.
495	DEAD	0.	0.	0.	0.	0.	0.
495	G1	0.	0.	-749.77851	1.264E-09	-2.678E-10	0.
495	G2	0.	0.	-142.782971	0.01904	0.000015	0.
495	Qm	0.	0.	-606.474759	0.062491	-0.008759	0.
495	Qs	0.	0.	-47.999998	5.885E-11	-9.682E-12	0.
495	T+	0.	0.	0.	0.	0.	8.350E-19
495	T-	0.	0.	0.	0.	0.	-8.350E-19
495	W	0.	0.	-33.475936	-0.047913	0.095701	0.
495	Qm-1	0.	0.	-663.50627	0.058357	-0.008801	0.
495	Qm-2	0.	0.	-62.81816	-0.005052	3.816E-06	0.
496	DEAD	0.	0.	0.	0.	0.	0.
496	G1	0.	0.	-749.778511	1.264E-09	-2.678E-10	0.
496	G2	0.	0.	-146.591149	0.019041	0.000016	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
496	Qm	0.	0.	-618.97262	0.062488	-0.008759	0.
496	Qs	0.	0.	-47.999998	5.886E-11	-9.682E-12	0.
496	T+	0.	0.	0.	0.	0.	-8.630E-19
496	T-	0.	0.	0.	0.	0.	8.630E-19
496	W	0.	0.	-23.892046	-0.047926	0.0957	0.
496	Qm-1	0.	0.	-675.178409	0.058364	-0.008803	0.
496	Qm-2	0.	0.	-61.80776	-0.005052	4.251E-06	0.
497	DEAD	0.	0.	0.	0.	0.	0.
497	G1	0.	0.	-749.778511	1.265E-09	-2.678E-10	0.
497	G2	0.	0.	-150.399467	0.019042	0.000016	0.
497	Qm	0.	0.	-631.469985	0.062486	-0.008759	0.
497	Qs	0.	0.	-47.999998	5.886E-11	-9.682E-12	0.
497	T+	0.	0.	0.	0.	0.	8.630E-19
497	T-	0.	0.	0.	0.	0.	-8.630E-19
497	W	0.	0.	-14.305336	-0.047941	0.095698	0.
497	Qm-1	0.	0.	-686.851767	0.058369	-0.008805	0.
497	Qm-2	0.	0.	-60.797439	-0.005051	4.698E-06	0.
498	DEAD	0.	0.	0.	0.	0.	0.
498	G1	0.	0.	-749.778511	1.265E-09	-2.678E-10	0.
498	G2	0.	0.	-154.207863	0.019042	0.000016	0.
498	Qm	0.	0.	-643.96709	0.062485	-0.008759	0.
498	Qs	0.	0.	-47.999998	5.887E-11	-9.681E-12	0.
498	T+	0.	0.	0.	0.	0.	-8.568E-19
498	T-	0.	0.	0.	0.	0.	8.568E-19
498	W	0.	0.	-4.715352	-0.04796	0.095695	0.
498	Qm-1	0.	0.	-698.525777	0.05837	-0.008807	0.
498	Qm-2	0.	0.	-59.787153	-0.005051	5.107E-06	0.
499	DEAD	0.	0.	0.	0.	0.	0.
499	G1	0.	0.	-749.778511	1.265E-09	-2.679E-10	0.
499	G2	0.	0.	-158.016255	0.019042	0.000017	0.
499	Qm	0.	0.	-656.464197	0.062486	-0.00876	0.
499	Qs	0.	0.	-47.999998	5.887E-11	-9.680E-12	0.
499	T+	0.	0.	0.	0.	0.	8.280E-19
499	T-	0.	0.	0.	0.	0.	-8.280E-19
499	W	0.	0.	4.878338	-0.047969	0.095701	0.
499	Qm-1	0.	0.	-710.199896	0.058371	-0.008809	0.
499	Qm-2	0.	0.	-58.776869	-0.005051	5.461E-06	0.
500	DEAD	0.	0.	0.	0.	0.	0.
500	G1	0.	0.	-749.778512	1.265E-09	-2.679E-10	0.
500	G2	0.	0.	-161.824569	0.019041	0.000017	0.
500	Qm	0.	0.	-668.96151	0.062487	-0.00876	0.
500	Qs	0.	0.	-47.999998	5.887E-11	-9.679E-12	0.
500	T+	0.	0.	0.	0.	0.	-7.980E-19
500	T-	0.	0.	0.	0.	0.	7.980E-19
500	W	0.	0.	14.474177	-0.047983	0.095708	0.
500	Qm-1	0.	0.	-721.874248	0.058373	-0.008811	0.
500	Qm-2	0.	0.	-57.766569	-0.005052	5.808E-06	0.
501	DEAD	0.	0.	0.	0.	0.	0.
501	G1	0.	0.	-749.778505	1.261E-09	-2.675E-10	0.
501	G2	0.	0.	-66.669017	0.019024	0.000017	0.
501	Qm	0.	0.	-354.598703	0.062555	-0.008751	0.
501	Qs	0.	0.	-47.999998	5.865E-11	-9.656E-12	0.
501	T+	0.	0.	0.	0.	0.	-4.002E-19
501	T-	0.	0.	0.	0.	0.	4.002E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
501	W	0.	0.	-243.940009	-0.047789	0.095705	0.
501	Qm-1	0.	0.	-428.445835	0.058331	-0.008799	0.
501	Qm-2	0.	0.	-83.031661	-0.00505	-2.113E-06	0.
502	DEAD	0.	0.	0.	0.	0.	0.
502	G1	0.	0.	-749.778505	1.261E-09	-2.676E-10	0.
502	G2	0.	0.	-70.473724	0.019023	0.000016	0.
502	Qm	0.	0.	-367.109806	0.062556	-0.008752	0.
502	Qs	0.	0.	-47.999998	5.865E-11	-9.657E-12	0.
502	T+	0.	0.	0.	0.	0.	4.146E-19
502	T-	0.	0.	0.	0.	0.	-4.146E-19
502	W	0.	0.	-234.382007	-0.047791	0.095706	0.
502	Qm-1	0.	0.	-440.112291	0.058333	-0.0088	0.
502	Qm-2	0.	0.	-82.02171	-0.00505	-2.019E-06	0.
503	DEAD	0.	0.	0.	0.	0.	0.
503	G1	0.	0.	-749.778506	1.261E-09	-2.676E-10	0.
503	G2	0.	0.	-74.278381	0.019023	0.000016	0.
503	Qm	0.	0.	-379.621128	0.062557	-0.008754	0.
503	Qs	0.	0.	-47.999998	5.866E-11	-9.658E-12	0.
503	T+	0.	0.	0.	0.	0.	-4.174E-19
503	T-	0.	0.	0.	0.	0.	4.174E-19
503	W	0.	0.	-224.823612	-0.047793	0.095707	0.
503	Qm-1	0.	0.	-451.77903	0.058334	-0.008802	0.
503	Qm-2	0.	0.	-81.011761	-0.00505	-1.897E-06	0.
504	DEAD	0.	0.	0.	0.	0.	0.
504	G1	0.	0.	-749.778506	1.261E-09	-2.677E-10	0.
504	G2	0.	0.	-78.083017	0.019023	0.000016	0.
504	Qm	0.	0.	-392.132521	0.062557	-0.008755	0.
504	Qs	0.	0.	-47.999998	5.866E-11	-9.659E-12	0.
504	T+	0.	0.	0.	0.	0.	4.315E-19
504	T-	0.	0.	0.	0.	0.	-4.315E-19
504	W	0.	0.	-215.264818	-0.047795	0.095709	0.
504	Qm-1	0.	0.	-463.44588	0.058334	-0.008803	0.
504	Qm-2	0.	0.	-80.001782	-0.00505	-1.699E-06	0.
505	DEAD	0.	0.	0.	0.	0.	0.
505	G1	0.	0.	-749.778506	1.261E-09	-2.677E-10	0.
505	G2	0.	0.	-81.887666	0.019023	0.000015	0.
505	Qm	0.	0.	-404.643749	0.062555	-0.008757	0.
505	Qs	0.	0.	-47.999998	5.867E-11	-9.660E-12	0.
505	T+	0.	0.	0.	0.	0.	-4.422E-19
505	T-	0.	0.	0.	0.	0.	4.422E-19
505	W	0.	0.	-205.705574	-0.047797	0.09571	0.
505	Qm-1	0.	0.	-475.112542	0.058332	-0.008805	0.
505	Qm-2	0.	0.	-78.991721	-0.005051	-1.439E-06	0.
506	DEAD	0.	0.	0.	0.	0.	0.
506	G1	0.	0.	-749.778506	1.261E-09	-2.677E-10	0.
506	G2	0.	0.	-85.692365	0.019024	0.000015	0.
506	Qm	0.	0.	-417.154486	0.062552	-0.008759	0.
506	Qs	0.	0.	-47.999998	5.867E-11	-9.661E-12	0.
506	T+	0.	0.	0.	0.	0.	5.025E-19
506	T-	0.	0.	0.	0.	0.	-5.025E-19
506	W	0.	0.	-196.145806	-0.0478	0.09571	0.
506	Qm-1	0.	0.	-486.778676	0.058329	-0.008806	0.
506	Qm-2	0.	0.	-77.981528	-0.005051	-1.309E-06	0.
507	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
507	G1	0.	0.	-749.778507	1.261E-09	-2.678E-10	0.
507	G2	0.	0.	-89.497147	0.019024	0.000015	0.
507	Qm	0.	0.	-429.664437	0.062547	-0.00876	0.
507	Qs	0.	0.	-47.999998	5.868E-11	-9.662E-12	0.
507	T+	0.	0.	0.	0.	0.	-5.075E-19
507	T-	0.	0.	0.	0.	0.	5.075E-19
507	W	0.	0.	-186.585445	-0.047803	0.095711	0.
507	Qm-1	0.	0.	-498.444345	0.058327	-0.008807	0.
507	Qm-2	0.	0.	-76.971205	-0.005052	-1.070E-06	0.
508	DEAD	0.	0.	0.	0.	0.	0.
508	G1	0.	0.	-749.778507	1.261E-09	-2.678E-10	0.
508	G2	0.	0.	-93.302043	0.019025	0.000015	0.
508	Qm	0.	0.	-442.17346	0.062543	-0.008761	0.
508	Qs	0.	0.	-47.999998	5.869E-11	-9.663E-12	0.
508	T+	0.	0.	0.	0.	0.	5.123E-19
508	T-	0.	0.	0.	0.	0.	-5.123E-19
508	W	0.	0.	-177.024437	-0.047807	0.095711	0.
508	Qm-1	0.	0.	-510.109564	0.058325	-0.008808	0.
508	Qm-2	0.	0.	-75.960759	-0.005053	-6.553E-07	0.
509	DEAD	0.	0.	0.	0.	0.	0.
509	G1	0.	0.	-749.778507	1.261E-09	-2.678E-10	0.
509	G2	0.	0.	-97.107081	0.019026	0.000015	0.
509	Qm	0.	0.	-454.681573	0.062539	-0.008761	0.
509	Qs	0.	0.	-47.999998	5.870E-11	-9.665E-12	0.
509	T+	0.	0.	0.	0.	0.	-5.775E-19
509	T-	0.	0.	0.	0.	0.	5.775E-19
509	W	0.	0.	-167.462736	-0.04781	0.095712	0.
509	Qm-1	0.	0.	-521.774188	0.058321	-0.008809	0.
509	Qm-2	0.	0.	-74.950167	-0.005053	-1.225E-07	0.
510	DEAD	0.	0.	0.	0.	0.	0.
510	G1	0.	0.	-749.778507	1.261E-09	-2.678E-10	0.
510	G2	0.	0.	-100.912288	0.019027	0.000015	0.
510	Qm	0.	0.	-467.188938	0.062535	-0.008761	0.
510	Qs	0.	0.	-47.999998	5.871E-11	-9.666E-12	0.
510	T+	0.	0.	0.	0.	0.	5.777E-19
510	T-	0.	0.	0.	0.	0.	-5.777E-19
510	W	0.	0.	-157.900277	-0.047814	0.095712	0.
510	Qm-1	0.	0.	-533.438016	0.058317	-0.008809	0.
510	Qm-2	0.	0.	-73.939408	-0.005054	3.006E-07	0.
511	DEAD	0.	0.	0.	0.	0.	0.
511	G1	0.	0.	-749.778508	1.261E-09	-2.678E-10	0.
511	G2	0.	0.	-104.717691	0.019028	0.000015	0.
511	Qm	0.	0.	-479.695739	0.062533	-0.008761	0.
511	Qs	0.	0.	-47.999998	5.873E-11	-9.667E-12	0.
511	T+	0.	0.	0.	0.	0.	-5.720E-19
511	T-	0.	0.	0.	0.	0.	5.720E-19
511	W	0.	0.	-148.336944	-0.047819	0.095713	0.
511	Qm-1	0.	0.	-545.101231	0.058315	-0.008809	0.
511	Qm-2	0.	0.	-72.928508	-0.005055	8.123E-07	0.
512	DEAD	0.	0.	0.	0.	0.	0.
512	G1	0.	0.	-749.778508	1.261E-09	-2.678E-10	0.
512	G2	0.	0.	-108.523316	0.019029	0.000015	0.
512	Qm	0.	0.	-492.202058	0.06253	-0.008761	0.
512	Qs	0.	0.	-47.999998	5.874E-11	-9.669E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
512	T+	0.	0.	0.	0.	0.	5.849E-19
512	T-	0.	0.	0.	0.	0.	-5.849E-19
512	W	0.	0.	-138.772565	-0.047825	0.095714	0.
512	Qm-1	0.	0.	-556.763945	0.058312	-0.008809	0.
512	Qm-2	0.	0.	-71.917497	-0.005055	1.395E-06	0.
513	DEAD	0.	0.	0.	0.	0.	0.
513	G1	0.	0.	-749.778508	1.262E-09	-2.678E-10	0.
513	G2	0.	0.	-112.329189	0.01903	0.000015	0.
513	Qm	0.	0.	-504.707854	0.062527	-0.008762	0.
513	Qs	0.	0.	-47.999998	5.875E-11	-9.670E-12	0.
513	T+	0.	0.	0.	0.	0.	-6.005E-19
513	T-	0.	0.	0.	0.	0.	6.005E-19
513	W	0.	0.	-129.206929	-0.047832	0.095714	0.
513	Qm-1	0.	0.	-568.426086	0.058309	-0.008808	0.
513	Qm-2	0.	0.	-70.90638	-0.005056	1.874E-06	0.
514	DEAD	0.	0.	0.	0.	0.	0.
514	G1	0.	0.	-749.778508	1.262E-09	-2.678E-10	0.
514	G2	0.	0.	-116.135331	0.019031	0.000015	0.
514	Qm	0.	0.	-517.212984	0.062524	-0.008762	0.
514	Qs	0.	0.	-47.999998	5.877E-11	-9.671E-12	0.
514	T+	0.	0.	0.	0.	0.	5.898E-19
514	T-	0.	0.	0.	0.	0.	-5.898E-19
514	W	0.	0.	-119.63983	-0.047839	0.095714	0.
514	Qm-1	0.	0.	-580.087613	0.058307	-0.008808	0.
514	Qm-2	0.	0.	-69.895178	-0.005056	2.167E-06	0.
515	DEAD	0.	0.	0.	0.	0.	0.
515	G1	0.	0.	-749.778509	1.262E-09	-2.678E-10	0.
515	G2	0.	0.	-119.941755	0.019033	0.000016	0.
515	Qm	0.	0.	-529.717275	0.062519	-0.008763	0.
515	Qs	0.	0.	-47.999998	5.878E-11	-9.672E-12	0.
515	T+	0.	0.	0.	0.	0.	-6.007E-19
515	T-	0.	0.	0.	0.	0.	6.007E-19
515	W	0.	0.	-110.071106	-0.047848	0.095714	0.
515	Qm-1	0.	0.	-591.749158	0.058309	-0.008807	0.
515	Qm-2	0.	0.	-68.883949	-0.005056	2.324E-06	0.
516	DEAD	0.	0.	0.	0.	0.	0.
516	G1	0.	0.	-749.778509	1.262E-09	-2.678E-10	0.
516	G2	0.	0.	-123.748471	0.019034	0.000016	0.
516	Qm	0.	0.	-542.220606	0.062514	-0.008764	0.
516	Qs	0.	0.	-47.999998	5.879E-11	-9.674E-12	0.
516	T+	0.	0.	0.	0.	0.	6.212E-19
516	T-	0.	0.	0.	0.	0.	-6.212E-19
516	W	0.	0.	-100.500635	-0.047857	0.095714	0.
516	Qm-1	0.	0.	-603.411384	0.058314	-0.008807	0.
516	Qm-2	0.	0.	-67.872764	-0.005056	2.479E-06	0.
517	DEAD	0.	0.	0.	0.	0.	0.
517	G1	0.	0.	-749.778509	1.263E-09	-2.678E-10	0.
517	G2	0.	0.	-127.555478	0.019036	0.000016	0.
517	Qm	0.	0.	-554.722914	0.062509	-0.008765	0.
517	Qs	0.	0.	-47.999998	5.880E-11	-9.675E-12	0.
517	T+	0.	0.	0.	0.	0.	-6.583E-19
517	T-	0.	0.	0.	0.	0.	6.583E-19
517	W	0.	0.	-90.928308	-0.047866	0.095714	0.
517	Qm-1	0.	0.	-615.074789	0.058321	-0.008807	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
517	Qm-2	0.	0.	-66.861685	-0.005055	2.674E-06	0.
518	DEAD	0.	0.	0.	0.	0.	0.
518	G1	0.	0.	-749.778509	1.263E-09	-2.678E-10	0.
518	G2	0.	0.	-131.362772	0.019037	0.000016	0.
518	Qm	0.	0.	-567.224182	0.062504	-0.008765	0.
518	Qs	0.	0.	-47.999998	5.882E-11	-9.676E-12	0.
518	T+	0.	0.	0.	0.	0.	7.107E-19
518	T-	0.	0.	0.	0.	0.	-7.107E-19
518	W	0.	0.	-81.353993	-0.047877	0.095714	0.
518	Qm-1	0.	0.	-626.739724	0.058329	-0.008807	0.
518	Qm-2	0.	0.	-65.850751	-0.005054	2.913E-06	0.
519	DEAD	0.	0.	0.	0.	0.	0.
519	G1	0.	0.	-749.77851	1.263E-09	-2.678E-10	0.
519	G2	0.	0.	-135.170343	0.019039	0.000017	0.
519	Qm	0.	0.	-579.724443	0.062499	-0.008765	0.
519	Qs	0.	0.	-47.999998	5.883E-11	-9.677E-12	0.
519	T+	0.	0.	0.	0.	0.	-7.572E-19
519	T-	0.	0.	0.	0.	0.	7.572E-19
519	W	0.	0.	-71.777512	-0.047888	0.095713	0.
519	Qm-1	0.	0.	-638.4064	0.058338	-0.008807	0.
519	Qm-2	0.	0.	-64.839981	-0.005053	3.200E-06	0.
520	DEAD	0.	0.	0.	0.	0.	0.
520	G1	0.	0.	-749.77851	1.264E-09	-2.679E-10	0.
520	G2	0.	0.	-138.978173	0.01904	0.000017	0.
520	Qm	0.	0.	-592.223769	0.062494	-0.008766	0.
520	Qs	0.	0.	-47.999998	5.884E-11	-9.678E-12	0.
520	T+	0.	0.	0.	0.	0.	8.190E-19
520	T-	0.	0.	0.	0.	0.	-8.190E-19
520	W	0.	0.	-62.198657	-0.047901	0.095713	0.
520	Qm-1	0.	0.	-650.074892	0.058347	-0.008809	0.
520	Qm-2	0.	0.	-63.829382	-0.005053	3.542E-06	0.
521	DEAD	0.	0.	0.	0.	0.	0.
521	G1	0.	0.	-749.77851	1.264E-09	-2.679E-10	0.
521	G2	0.	0.	-142.786234	0.019041	0.000017	0.
521	Qm	0.	0.	-604.72227	0.062491	-0.008766	0.
521	Qs	0.	0.	-47.999998	5.885E-11	-9.678E-12	0.
521	T+	0.	0.	0.	0.	0.	-8.686E-19
521	T-	0.	0.	0.	0.	0.	8.686E-19
521	W	0.	0.	-52.617226	-0.047914	0.095712	0.
521	Qm-1	0.	0.	-661.745139	0.058355	-0.00881	0.
521	Qm-2	0.	0.	-62.818942	-0.005052	3.949E-06	0.
522	DEAD	0.	0.	0.	0.	0.	0.
522	G1	0.	0.	-749.778511	1.264E-09	-2.679E-10	0.
522	G2	0.	0.	-146.594487	0.019042	0.000018	0.
522	Qm	0.	0.	-617.220094	0.062488	-0.008766	0.
522	Qs	0.	0.	-47.999998	5.886E-11	-9.677E-12	0.
522	T+	0.	0.	0.	0.	0.	8.663E-19
522	T-	0.	0.	0.	0.	0.	-8.663E-19
522	W	0.	0.	-43.033041	-0.047928	0.09571	0.
522	Qm-1	0.	0.	-673.416933	0.058362	-0.008812	0.
522	Qm-2	0.	0.	-61.808634	-0.005051	4.429E-06	0.
523	DEAD	0.	0.	0.	0.	0.	0.
523	G1	0.	0.	-749.778511	1.265E-09	-2.679E-10	0.
523	G2	0.	0.	-150.40288	0.019042	0.000018	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
523	Qm	0.	0.	-629.717428	0.062486	-0.008766	0.
523	Qs	0.	0.	-47.999998	5.886E-11	-9.677E-12	0.
523	T+	0.	0.	0.	0.	0.	-8.463E-19
523	T-	0.	0.	0.	0.	0.	8.463E-19
523	W	0.	0.	-33.445932	-0.047943	0.095709	0.
523	Qm-1	0.	0.	-685.089908	0.058367	-0.008814	0.
523	Qm-2	0.	0.	-60.79841	-0.005051	4.954E-06	0.
524	DEAD	0.	0.	0.	0.	0.	0.
524	G1	0.	0.	-749.778511	1.265E-09	-2.680E-10	0.
524	G2	0.	0.	-154.211346	0.019042	0.000019	0.
524	Qm	0.	0.	-642.214494	0.062485	-0.008766	0.
524	Qs	0.	0.	-47.999998	5.887E-11	-9.676E-12	0.
524	T+	0.	0.	0.	0.	0.	8.603E-19
524	T-	0.	0.	0.	0.	0.	-8.603E-19
524	W	0.	0.	-23.855768	-0.047958	0.095709	0.
524	Qm-1	0.	0.	-696.763514	0.058368	-0.008816	0.
524	Qm-2	0.	0.	-59.788211	-0.005051	5.403E-06	0.
525	DEAD	0.	0.	0.	0.	0.	0.
525	G1	0.	0.	-749.778511	1.265E-09	-2.680E-10	0.
525	G2	0.	0.	-158.019815	0.019042	0.000019	0.
525	Qm	0.	0.	-654.711541	0.062486	-0.008767	0.
525	Qs	0.	0.	-47.999998	5.887E-11	-9.675E-12	0.
525	T+	0.	0.	0.	0.	0.	-8.689E-19
525	T-	0.	0.	0.	0.	0.	8.689E-19
525	W	0.	0.	-14.262935	-0.047971	0.095712	0.
525	Qm-1	0.	0.	-708.437215	0.058369	-0.008818	0.
525	Qm-2	0.	0.	-58.777996	-0.005051	5.733E-06	0.
526	DEAD	0.	0.	0.	0.	0.	0.
526	G1	0.	0.	-749.778512	1.265E-09	-2.680E-10	0.
526	G2	0.	0.	-161.828227	0.019042	0.000019	0.
526	Qm	0.	0.	-667.208758	0.062487	-0.008767	0.
526	Qs	0.	0.	-47.999998	5.887E-11	-9.674E-12	0.
526	T+	0.	0.	0.	0.	0.	8.398E-19
526	T-	0.	0.	0.	0.	0.	-8.398E-19
526	W	0.	0.	-4.668438	-0.047974	0.095717	0.
526	Qm-1	0.	0.	-720.111119	0.05837	-0.00882	0.
526	Qm-2	0.	0.	-57.767761	-0.005051	6.023E-06	0.
527	DEAD	0.	0.	0.	0.	0.	0.
527	G1	0.	0.	-749.778505	1.261E-09	-2.676E-10	0.
527	G2	0.	0.	-66.672559	0.019023	0.000019	0.
527	Qm	0.	0.	-352.847785	0.062554	-0.008758	0.
527	Qs	0.	0.	-47.999998	5.865E-11	-9.651E-12	0.
527	T+	0.	0.	0.	0.	0.	3.936E-19
527	T-	0.	0.	0.	0.	0.	-3.936E-19
527	W	0.	0.	-263.08205	-0.047788	0.095716	0.
527	Qm-1	0.	0.	-426.685093	0.058331	-0.008808	0.
527	Qm-2	0.	0.	-83.031203	-0.00505	-2.460E-06	0.
528	DEAD	0.	0.	0.	0.	0.	0.
528	G1	0.	0.	-749.778505	1.261E-09	-2.677E-10	0.
528	G2	0.	0.	-70.477175	0.019023	0.000018	0.
528	Qm	0.	0.	-365.358681	0.062555	-0.008759	0.
528	Qs	0.	0.	-47.999998	5.865E-11	-9.651E-12	0.
528	T+	0.	0.	0.	0.	0.	-4.032E-19
528	T-	0.	0.	0.	0.	0.	4.032E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
528	W	0.	0.	-253.524308	-0.04779	0.095717	0.
528	Qm-1	0.	0.	-438.35136	0.058332	-0.008809	0.
528	Qm-2	0.	0.	-82.02127	-0.00505	-2.377E-06	0.
529	DEAD	0.	0.	0.	0.	0.	0.
529	G1	0.	0.	-749.778506	1.261E-09	-2.677E-10	0.
529	G2	0.	0.	-74.281751	0.019023	0.000018	0.
529	Qm	0.	0.	-377.869728	0.062555	-0.00876	0.
529	Qs	0.	0.	-47.999998	5.866E-11	-9.652E-12	0.
529	T+	0.	0.	0.	0.	0.	3.979E-19
529	T-	0.	0.	0.	0.	0.	-3.979E-19
529	W	0.	0.	-243.966162	-0.047792	0.095718	0.
529	Qm-1	0.	0.	-450.017831	0.058333	-0.00881	0.
529	Qm-2	0.	0.	-81.011342	-0.00505	-2.290E-06	0.
530	DEAD	0.	0.	0.	0.	0.	0.
530	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
530	G2	0.	0.	-78.086317	0.019023	0.000017	0.
530	Qm	0.	0.	-390.38079	0.062555	-0.008762	0.
530	Qs	0.	0.	-47.999998	5.866E-11	-9.653E-12	0.
530	T+	0.	0.	0.	0.	0.	-4.116E-19
530	T-	0.	0.	0.	0.	0.	4.116E-19
530	W	0.	0.	-234.40761	-0.047794	0.09572	0.
530	Qm-1	0.	0.	-461.684353	0.058332	-0.008811	0.
530	Qm-2	0.	0.	-80.001397	-0.00505	-2.179E-06	0.
531	DEAD	0.	0.	0.	0.	0.	0.
531	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
531	G2	0.	0.	-81.89091	0.019023	0.000017	0.
531	Qm	0.	0.	-402.891658	0.062553	-0.008763	0.
531	Qs	0.	0.	-47.999998	5.867E-11	-9.654E-12	0.
531	T+	0.	0.	0.	0.	0.	4.364E-19
531	T-	0.	0.	0.	0.	0.	-4.364E-19
531	W	0.	0.	-224.848583	-0.047796	0.095721	0.
531	Qm-1	0.	0.	-473.350687	0.058331	-0.008813	0.
531	Qm-2	0.	0.	-78.991386	-0.00505	-2.023E-06	0.
532	DEAD	0.	0.	0.	0.	0.	0.
532	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
532	G2	0.	0.	-85.695567	0.019024	0.000017	0.
532	Qm	0.	0.	-415.402068	0.06255	-0.008765	0.
532	Qs	0.	0.	-47.999998	5.867E-11	-9.655E-12	0.
532	T+	0.	0.	0.	0.	0.	-4.965E-19
532	T-	0.	0.	0.	0.	0.	4.965E-19
532	W	0.	0.	-215.28899	-0.0478	0.095722	0.
532	Qm-1	0.	0.	-485.016592	0.058328	-0.008814	0.
532	Qm-2	0.	0.	-77.981219	-0.005051	-1.808E-06	0.
533	DEAD	0.	0.	0.	0.	0.	0.
533	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
533	G2	0.	0.	-89.500323	0.019024	0.000017	0.
533	Qm	0.	0.	-427.911781	0.062547	-0.008766	0.
533	Qs	0.	0.	-47.999998	5.868E-11	-9.657E-12	0.
533	T+	0.	0.	0.	0.	0.	4.852E-19
533	T-	0.	0.	0.	0.	0.	-4.852E-19
533	W	0.	0.	-205.728751	-0.047803	0.095722	0.
533	Qm-1	0.	0.	-496.682059	0.058326	-0.008815	0.
533	Qm-2	0.	0.	-76.970947	-0.005052	-1.523E-06	0.
534	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
534	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
534	G2	0.	0.	-93.305206	0.019025	0.000017	0.
534	Qm	0.	0.	-440.420671	0.062542	-0.008767	0.
534	Qs	0.	0.	-47.999998	5.869E-11	-9.658E-12	0.
534	T+	0.	0.	0.	0.	0.	-4.692E-19
534	T-	0.	0.	0.	0.	0.	4.692E-19
534	W	0.	0.	-196.167822	-0.047806	0.095723	0.
534	Qm-1	0.	0.	-508.347078	0.058324	-0.008816	0.
534	Qm-2	0.	0.	-75.960581	-0.005052	-1.163E-06	0.
535	DEAD	0.	0.	0.	0.	0.	0.
535	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
535	G2	0.	0.	-97.110241	0.019026	0.000017	0.
535	Qm	0.	0.	-452.928743	0.062538	-0.008767	0.
535	Qs	0.	0.	-47.999998	5.870E-11	-9.659E-12	0.
535	T+	0.	0.	0.	0.	0.	5.128E-19
535	T-	0.	0.	0.	0.	0.	-5.128E-19
535	W	0.	0.	-186.606193	-0.04781	0.095723	0.
535	Qm-1	0.	0.	-520.011544	0.058321	-0.008817	0.
535	Qm-2	0.	0.	-74.950095	-0.005053	-7.282E-07	0.
536	DEAD	0.	0.	0.	0.	0.	0.
536	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
536	G2	0.	0.	-100.915451	0.019027	0.000017	0.
536	Qm	0.	0.	-465.436105	0.062535	-0.008767	0.
536	Qs	0.	0.	-47.999998	5.871E-11	-9.660E-12	0.
536	T+	0.	0.	0.	0.	0.	-5.351E-19
536	T-	0.	0.	0.	0.	0.	5.351E-19
536	W	0.	0.	-177.043842	-0.047814	0.095724	0.
536	Qm-1	0.	0.	-531.675344	0.058317	-0.008817	0.
536	Qm-2	0.	0.	-73.939421	-0.005054	-2.209E-07	0.
537	DEAD	0.	0.	0.	0.	0.	0.
537	G1	0.	0.	-749.778508	1.261E-09	-2.679E-10	0.
537	G2	0.	0.	-104.72086	0.019028	0.000017	0.
537	Qm	0.	0.	-477.942887	0.062533	-0.008767	0.
537	Qs	0.	0.	-47.999998	5.873E-11	-9.662E-12	0.
537	T+	0.	0.	0.	0.	0.	5.619E-19
537	T-	0.	0.	0.	0.	0.	-5.619E-19
537	W	0.	0.	-167.48067	-0.047818	0.095725	0.
537	Qm-1	0.	0.	-543.338589	0.058315	-0.008817	0.
537	Qm-2	0.	0.	-72.92863	-0.005054	3.574E-07	0.
538	DEAD	0.	0.	0.	0.	0.	0.
538	G1	0.	0.	-749.778508	1.261E-09	-2.679E-10	0.
538	G2	0.	0.	-108.526498	0.019029	0.000017	0.
538	Qm	0.	0.	-490.449146	0.06253	-0.008767	0.
538	Qs	0.	0.	-47.999998	5.874E-11	-9.663E-12	0.
538	T+	0.	0.	0.	0.	0.	-5.619E-19
538	T-	0.	0.	0.	0.	0.	5.619E-19
538	W	0.	0.	-157.916471	-0.047824	0.095726	0.
538	Qm-1	0.	0.	-555.00136	0.058313	-0.008817	0.
538	Qm-2	0.	0.	-71.917746	-0.005055	1.023E-06	0.
539	DEAD	0.	0.	0.	0.	0.	0.
539	G1	0.	0.	-749.778508	1.262E-09	-2.679E-10	0.
539	G2	0.	0.	-112.332391	0.01903	0.000017	0.
539	Qm	0.	0.	-502.954841	0.062527	-0.008768	0.
539	Qs	0.	0.	-47.999998	5.875E-11	-9.664E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
539	T+	0.	0.	0.	0.	0.	5.520E-19
539	T-	0.	0.	0.	0.	0.	-5.520E-19
539	W	0.	0.	-148.350976	-0.047831	0.095726	0.
539	Qm-1	0.	0.	-566.663592	0.058309	-0.008816	0.
539	Qm-2	0.	0.	-70.906738	-0.005055	1.676E-06	0.
540	DEAD	0.	0.	0.	0.	0.	0.
540	G1	0.	0.	-749.778508	1.262E-09	-2.679E-10	0.
540	G2	0.	0.	-116.138563	0.019032	0.000017	0.
540	Qm	0.	0.	-515.459841	0.062523	-0.008769	0.
540	Qs	0.	0.	-47.999998	5.876E-11	-9.666E-12	0.
540	T+	0.	0.	0.	0.	0.	-5.510E-19
540	T-	0.	0.	0.	0.	0.	5.510E-19
540	W	0.	0.	-138.783934	-0.047839	0.095727	0.
540	Qm-1	0.	0.	-578.325242	0.058308	-0.008816	0.
540	Qm-2	0.	0.	-69.895589	-0.005056	1.871E-06	0.
541	DEAD	0.	0.	0.	0.	0.	0.
541	G1	0.	0.	-749.778509	1.262E-09	-2.679E-10	0.
541	G2	0.	0.	-119.945028	0.019033	0.000017	0.
541	Qm	0.	0.	-527.963989	0.062518	-0.008769	0.
541	Qs	0.	0.	-47.999998	5.878E-11	-9.667E-12	0.
541	T+	0.	0.	0.	0.	0.	5.698E-19
541	T-	0.	0.	0.	0.	0.	-5.698E-19
541	W	0.	0.	-129.215178	-0.047848	0.095727	0.
541	Qm-1	0.	0.	-589.98692	0.05831	-0.008815	0.
541	Qm-2	0.	0.	-68.88439	-0.005056	2.037E-06	0.
542	DEAD	0.	0.	0.	0.	0.	0.
542	G1	0.	0.	-749.778509	1.262E-09	-2.679E-10	0.
542	G2	0.	0.	-123.751793	0.019035	0.000017	0.
542	Qm	0.	0.	-540.46718	0.062513	-0.00877	0.
542	Qs	0.	0.	-47.999998	5.879E-11	-9.669E-12	0.
542	T+	0.	0.	0.	0.	0.	-5.989E-19
542	T-	0.	0.	0.	0.	0.	5.989E-19
542	W	0.	0.	-119.644628	-0.047857	0.095726	0.
542	Qm-1	0.	0.	-601.649252	0.058314	-0.008814	0.
542	Qm-2	0.	0.	-67.873241	-0.005055	2.261E-06	0.
543	DEAD	0.	0.	0.	0.	0.	0.
543	G1	0.	0.	-749.778509	1.263E-09	-2.679E-10	0.
543	G2	0.	0.	-127.558855	0.019036	0.000018	0.
543	Qm	0.	0.	-552.96936	0.062508	-0.008771	0.
543	Qs	0.	0.	-47.999998	5.880E-11	-9.671E-12	0.
543	T+	0.	0.	0.	0.	0.	6.212E-19
543	T-	0.	0.	0.	0.	0.	-6.212E-19
543	W	0.	0.	-110.072228	-0.047867	0.095726	0.
543	Qm-1	0.	0.	-613.312701	0.058321	-0.008814	0.
543	Qm-2	0.	0.	-66.862207	-0.005055	2.515E-06	0.
544	DEAD	0.	0.	0.	0.	0.	0.
544	G1	0.	0.	-749.778509	1.263E-09	-2.679E-10	0.
544	G2	0.	0.	-131.366208	0.019037	0.000018	0.
544	Qm	0.	0.	-565.470522	0.062503	-0.008771	0.
544	Qs	0.	0.	-47.999998	5.882E-11	-9.672E-12	0.
544	T+	0.	0.	0.	0.	0.	-6.789E-19
544	T-	0.	0.	0.	0.	0.	6.789E-19
544	W	0.	0.	-100.49787	-0.047877	0.095725	0.
544	Qm-1	0.	0.	-624.977598	0.058328	-0.008814	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
544	Qm-2	0.	0.	-65.851324	-0.005054	2.793E-06	0.
545	DEAD	0.	0.	0.	0.	0.	0.
545	G1	0.	0.	-749.77851	1.263E-09	-2.679E-10	0.
545	G2	0.	0.	-135.173843	0.019039	0.000018	0.
545	Qm	0.	0.	-577.970701	0.062499	-0.008772	0.
545	Qs	0.	0.	-47.999998	5.883E-11	-9.673E-12	0.
545	T+	0.	0.	0.	0.	0.	7.368E-19
545	T-	0.	0.	0.	0.	0.	-7.368E-19
545	W	0.	0.	-90.92135	-0.047888	0.095725	0.
545	Qm-1	0.	0.	-636.644144	0.058337	-0.008815	0.
545	Qm-2	0.	0.	-64.840614	-0.005053	3.097E-06	0.
546	DEAD	0.	0.	0.	0.	0.	0.
546	G1	0.	0.	-749.77851	1.264E-09	-2.680E-10	0.
546	G2	0.	0.	-138.981745	0.01904	0.000019	0.
546	Qm	0.	0.	-590.46997	0.062494	-0.008772	0.
546	Qs	0.	0.	-47.999998	5.884E-11	-9.673E-12	0.
546	T+	0.	0.	0.	0.	0.	-7.757E-19
546	T-	0.	0.	0.	0.	0.	7.757E-19
546	W	0.	0.	-81.342405	-0.047901	0.095725	0.
546	Qm-1	0.	0.	-648.312414	0.058346	-0.008816	0.
546	Qm-2	0.	0.	-63.830082	-0.005052	3.431E-06	0.
547	DEAD	0.	0.	0.	0.	0.	0.
547	G1	0.	0.	-749.77851	1.264E-09	-2.680E-10	0.
547	G2	0.	0.	-142.789887	0.019041	0.000019	0.
547	Qm	0.	0.	-602.968439	0.062491	-0.008772	0.
547	Qs	0.	0.	-47.999998	5.885E-11	-9.673E-12	0.
547	T+	0.	0.	0.	0.	0.	8.026E-19
547	T-	0.	0.	0.	0.	0.	-8.026E-19
547	W	0.	0.	-71.760788	-0.047915	0.095724	0.
547	Qm-1	0.	0.	-659.982354	0.058354	-0.008818	0.
547	Qm-2	0.	0.	-62.819722	-0.005051	3.805E-06	0.
548	DEAD	0.	0.	0.	0.	0.	0.
548	G1	0.	0.	-749.77851	1.264E-09	-2.680E-10	0.
548	G2	0.	0.	-146.598228	0.019042	0.00002	0.
548	Qm	0.	0.	-615.466252	0.062488	-0.008772	0.
548	Qs	0.	0.	-47.999998	5.886E-11	-9.673E-12	0.
548	T+	0.	0.	0.	0.	0.	-8.075E-19
548	T-	0.	0.	0.	0.	0.	8.075E-19
548	W	0.	0.	-62.176322	-0.04793	0.095723	0.
548	Qm-1	0.	0.	-671.653774	0.05836	-0.00882	0.
548	Qm-2	0.	0.	-61.809507	-0.005051	4.236E-06	0.
549	DEAD	0.	0.	0.	0.	0.	0.
549	G1	0.	0.	-749.778511	1.265E-09	-2.681E-10	0.
549	G2	0.	0.	-150.406711	0.019043	0.00002	0.
549	Qm	0.	0.	-627.963582	0.062486	-0.008772	0.
549	Qs	0.	0.	-47.999998	5.887E-11	-9.672E-12	0.
549	T+	0.	0.	0.	0.	0.	7.972E-19
549	T-	0.	0.	0.	0.	0.	-7.972E-19
549	W	0.	0.	-52.588939	-0.047944	0.095722	0.
549	Qm-1	0.	0.	-683.326335	0.058365	-0.008822	0.
549	Qm-2	0.	0.	-60.799391	-0.00505	4.763E-06	0.
550	DEAD	0.	0.	0.	0.	0.	0.
550	G1	0.	0.	-749.778511	1.265E-09	-2.681E-10	0.
550	G2	0.	0.	-154.215268	0.019043	0.000021	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
550	Qm	0.	0.	-640.46064	0.062485	-0.008772	0.
550	Qs	0.	0.	-47.999998	5.887E-11	-9.671E-12	0.
550	T+	0.	0.	0.	0.	0.	-8.199E-19
550	T-	0.	0.	0.	0.	0.	8.199E-19
550	W	0.	0.	-42.998788	-0.047957	0.095721	0.
550	Qm-1	0.	0.	-694.999518	0.058366	-0.008824	0.
550	Qm-2	0.	0.	-59.789288	-0.005051	5.310E-06	0.
551	DEAD	0.	0.	0.	0.	0.	0.
551	G1	0.	0.	-749.778511	1.265E-09	-2.681E-10	0.
551	G2	0.	0.	-158.023834	0.019043	0.000021	0.
551	Qm	0.	0.	-652.957654	0.062485	-0.008772	0.
551	Qs	0.	0.	-47.999998	5.887E-11	-9.670E-12	0.
551	T+	0.	0.	0.	0.	0.	7.939E-19
551	T-	0.	0.	0.	0.	0.	-7.939E-19
551	W	0.	0.	-33.406375	-0.047966	0.095722	0.
551	Qm-1	0.	0.	-706.672793	0.058367	-0.008826	0.
551	Qm-2	0.	0.	-58.779126	-0.005051	5.460E-06	0.
552	DEAD	0.	0.	0.	0.	0.	0.
552	G1	0.	0.	-749.778511	1.265E-09	-2.681E-10	0.
552	G2	0.	0.	-161.832353	0.019042	0.000022	0.
552	Qm	0.	0.	-665.454798	0.062486	-0.008772	0.
552	Qs	0.	0.	-47.999998	5.887E-11	-9.669E-12	0.
552	T+	0.	0.	0.	0.	0.	-7.851E-19
552	T-	0.	0.	0.	0.	0.	7.851E-19
552	W	0.	0.	-23.812577	-0.047971	0.095724	0.
552	Qm-1	0.	0.	-718.346251	0.058368	-0.008828	0.
552	Qm-2	0.	0.	-57.768939	-0.005051	5.659E-06	0.
553	DEAD	0.	0.	0.	0.	0.	0.
553	G1	0.	0.	-749.778505	1.261E-09	-2.677E-10	0.
553	G2	0.	0.	-66.676426	0.019023	0.00002	0.
553	Qm	0.	0.	-351.09574	0.062553	-0.008763	0.
553	Qs	0.	0.	-47.999998	5.865E-11	-9.647E-12	0.
553	T+	0.	0.	0.	0.	0.	-3.747E-19
553	T-	0.	0.	0.	0.	0.	3.747E-19
553	W	0.	0.	-282.226505	-0.047787	0.095729	0.
553	Qm-1	0.	0.	-424.922935	0.05833	-0.008814	0.
553	Qm-2	0.	0.	-83.030683	-0.00505	-2.721E-06	0.
554	DEAD	0.	0.	0.	0.	0.	0.
554	G1	0.	0.	-749.778505	1.261E-09	-2.678E-10	0.
554	G2	0.	0.	-70.480941	0.019022	0.00002	0.
554	Qm	0.	0.	-363.606445	0.062554	-0.008763	0.
554	Qs	0.	0.	-47.999998	5.865E-11	-9.647E-12	0.
554	T+	0.	0.	0.	0.	0.	3.699E-19
554	T-	0.	0.	0.	0.	0.	-3.699E-19
554	W	0.	0.	-272.668948	-0.047789	0.095729	0.
554	Qm-1	0.	0.	-436.589028	0.058331	-0.008814	0.
554	Qm-2	0.	0.	-82.020764	-0.00505	-2.661E-06	0.
555	DEAD	0.	0.	0.	0.	0.	0.
555	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
555	G2	0.	0.	-74.285426	0.019022	0.000019	0.
555	Qm	0.	0.	-376.117234	0.062554	-0.008765	0.
555	Qs	0.	0.	-47.999998	5.865E-11	-9.648E-12	0.
555	T+	0.	0.	0.	0.	0.	-3.793E-19
555	T-	0.	0.	0.	0.	0.	3.793E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
555	W	0.	0.	-263.111008	-0.047791	0.09573	0.
555	Qm-1	0.	0.	-448.255244	0.058331	-0.008816	0.
555	Qm-2	0.	0.	-81.010848	-0.00505	-2.623E-06	0.
556	DEAD	0.	0.	0.	0.	0.	0.
556	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
556	G2	0.	0.	-78.089911	0.019022	0.000019	0.
556	Qm	0.	0.	-388.627981	0.062553	-0.008766	0.
556	Qs	0.	0.	-47.999998	5.866E-11	-9.649E-12	0.
556	T+	0.	0.	0.	0.	0.	3.979E-19
556	T-	0.	0.	0.	0.	0.	-3.979E-19
556	W	0.	0.	-253.552688	-0.047793	0.095731	0.
556	Qm-1	0.	0.	-459.921451	0.058331	-0.008817	0.
556	Qm-2	0.	0.	-80.000914	-0.00505	-2.611E-06	0.
557	DEAD	0.	0.	0.	0.	0.	0.
557	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
557	G2	0.	0.	-81.894439	0.019023	0.000018	0.
557	Qm	0.	0.	-401.138505	0.062552	-0.008768	0.
557	Qs	0.	0.	-47.999998	5.866E-11	-9.650E-12	0.
557	T+	0.	0.	0.	0.	0.	-4.578E-19
557	T-	0.	0.	0.	0.	0.	4.578E-19
557	W	0.	0.	-243.993883	-0.047795	0.095732	0.
557	Qm-1	0.	0.	-471.58747	0.058329	-0.008819	0.
557	Qm-2	0.	0.	-78.990914	-0.00505	-2.574E-06	0.
558	DEAD	0.	0.	0.	0.	0.	0.
558	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
558	G2	0.	0.	-85.699049	0.019023	0.000018	0.
558	Qm	0.	0.	-413.6486	0.062549	-0.008769	0.
558	Qs	0.	0.	-47.999998	5.867E-11	-9.651E-12	0.
558	T+	0.	0.	0.	0.	0.	4.899E-19
558	T-	0.	0.	0.	0.	0.	-4.899E-19
558	W	0.	0.	-234.434482	-0.047799	0.095733	0.
558	Qm-1	0.	0.	-483.253152	0.058327	-0.00882	0.
558	Qm-2	0.	0.	-77.980806	-0.005051	-2.287E-06	0.
559	DEAD	0.	0.	0.	0.	0.	0.
559	G1	0.	0.	-749.778507	1.261E-09	-2.679E-10	0.
559	G2	0.	0.	-89.503777	0.019024	0.000018	0.
559	Qm	0.	0.	-426.158085	0.062546	-0.00877	0.
559	Qs	0.	0.	-47.999998	5.868E-11	-9.652E-12	0.
559	T+	0.	0.	0.	0.	0.	-4.335E-19
559	T-	0.	0.	0.	0.	0.	4.335E-19
559	W	0.	0.	-224.874394	-0.047802	0.095734	0.
559	Qm-1	0.	0.	-494.918422	0.058325	-0.008821	0.
559	Qm-2	0.	0.	-76.970596	-0.005051	-1.971E-06	0.
560	DEAD	0.	0.	0.	0.	0.	0.
560	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
560	G2	0.	0.	-93.308649	0.019025	0.000018	0.
560	Qm	0.	0.	-438.666851	0.062542	-0.008771	0.
560	Qs	0.	0.	-47.999998	5.869E-11	-9.653E-12	0.
560	T+	0.	0.	0.	0.	0.	3.834E-19
560	T-	0.	0.	0.	0.	0.	-3.834E-19
560	W	0.	0.	-215.31356	-0.047806	0.095735	0.
560	Qm-1	0.	0.	-506.583236	0.058323	-0.008822	0.
560	Qm-2	0.	0.	-75.960293	-0.005052	-1.685E-06	0.
561	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
561	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
561	G2	0.	0.	-97.113684	0.019026	0.000018	0.
561	Qm	0.	0.	-451.174885	0.062538	-0.008771	0.
561	Qs	0.	0.	-47.999998	5.870E-11	-9.654E-12	0.
561	T+	0.	0.	0.	0.	0.	-4.225E-19
561	T-	0.	0.	0.	0.	0.	4.225E-19
561	W	0.	0.	-205.752001	-0.047809	0.095735	0.
561	Qm-1	0.	0.	-518.247533	0.05832	-0.008823	0.
561	Qm-2	0.	0.	-74.949873	-0.005052	-1.375E-06	0.
562	DEAD	0.	0.	0.	0.	0.	0.
562	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
562	G2	0.	0.	-100.918898	0.019027	0.000018	0.
562	Qm	0.	0.	-463.682244	0.062535	-0.008771	0.
562	Qs	0.	0.	-47.999998	5.871E-11	-9.655E-12	0.
562	T+	0.	0.	0.	0.	0.	4.989E-19
562	T-	0.	0.	0.	0.	0.	-4.989E-19
562	W	0.	0.	-196.189779	-0.047813	0.095736	0.
562	Qm-1	0.	0.	-529.911283	0.058317	-0.008823	0.
562	Qm-2	0.	0.	-73.939314	-0.005053	-8.280E-07	0.
563	DEAD	0.	0.	0.	0.	0.	0.
563	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
563	G2	0.	0.	-104.724313	0.019028	0.000018	0.
563	Qm	0.	0.	-476.189	0.062532	-0.008771	0.
563	Qs	0.	0.	-47.999998	5.872E-11	-9.656E-12	0.
563	T+	0.	0.	0.	0.	0.	-5.462E-19
563	T-	0.	0.	0.	0.	0.	5.462E-19
563	W	0.	0.	-186.626837	-0.047817	0.095737	0.
563	Qm-1	0.	0.	-541.574524	0.058315	-0.008823	0.
563	Qm-2	0.	0.	-72.92864	-0.005054	-2.706E-07	0.
564	DEAD	0.	0.	0.	0.	0.	0.
564	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
564	G2	0.	0.	-108.529959	0.019029	0.000018	0.
564	Qm	0.	0.	-488.695185	0.062529	-0.008772	0.
564	Qs	0.	0.	-47.999998	5.874E-11	-9.658E-12	0.
564	T+	0.	0.	0.	0.	0.	5.250E-19
564	T-	0.	0.	0.	0.	0.	-5.250E-19
564	W	0.	0.	-177.062908	-0.047823	0.095739	0.
564	Qm-1	0.	0.	-553.237311	0.058313	-0.008823	0.
564	Qm-2	0.	0.	-71.917879	-0.005054	2.414E-07	0.
565	DEAD	0.	0.	0.	0.	0.	0.
565	G1	0.	0.	-749.778508	1.262E-09	-2.680E-10	0.
565	G2	0.	0.	-112.335871	0.01903	0.000018	0.
565	Qm	0.	0.	-501.200762	0.062526	-0.008773	0.
565	Qs	0.	0.	-47.999998	5.875E-11	-9.660E-12	0.
565	T+	0.	0.	0.	0.	0.	-5.473E-19
565	T-	0.	0.	0.	0.	0.	5.473E-19
565	W	0.	0.	-167.497617	-0.04783	0.09574	0.
565	Qm-1	0.	0.	-564.899613	0.05831	-0.008823	0.
565	Qm-2	0.	0.	-70.907	-0.005055	7.131E-07	0.
566	DEAD	0.	0.	0.	0.	0.	0.
566	G1	0.	0.	-749.778508	1.262E-09	-2.680E-10	0.
566	G2	0.	0.	-116.142075	0.019032	0.000018	0.
566	Qm	0.	0.	-513.705613	0.062522	-0.008773	0.
566	Qs	0.	0.	-47.999998	5.876E-11	-9.661E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
566	T+	0.	0.	0.	0.	0.	5.394E-19
566	T-	0.	0.	0.	0.	0.	-5.394E-19
566	W	0.	0.	-157.930648	-0.047839	0.095741	0.
566	Qm-1	0.	0.	-576.561405	0.058309	-0.008822	0.
566	Qm-2	0.	0.	-69.895898	-0.005056	1.144E-06	0.
567	DEAD	0.	0.	0.	0.	0.	0.
567	G1	0.	0.	-749.778509	1.262E-09	-2.680E-10	0.
567	G2	0.	0.	-119.948587	0.019033	0.000018	0.
567	Qm	0.	0.	-526.209605	0.062518	-0.008774	0.
567	Qs	0.	0.	-47.999998	5.877E-11	-9.663E-12	0.
567	T+	0.	0.	0.	0.	0.	-5.500E-19
567	T-	0.	0.	0.	0.	0.	5.500E-19
567	W	0.	0.	-148.361832	-0.047849	0.09574	0.
567	Qm-1	0.	0.	-588.223257	0.05831	-0.008821	0.
567	Qm-2	0.	0.	-68.884749	-0.005056	1.536E-06	0.
568	DEAD	0.	0.	0.	0.	0.	0.
568	G1	0.	0.	-749.778509	1.262E-09	-2.680E-10	0.
568	G2	0.	0.	-123.755409	0.019035	0.000019	0.
568	Qm	0.	0.	-538.712648	0.062513	-0.008775	0.
568	Qs	0.	0.	-47.999998	5.879E-11	-9.665E-12	0.
568	T+	0.	0.	0.	0.	0.	5.618E-19
568	T-	0.	0.	0.	0.	0.	-5.618E-19
568	W	0.	0.	-138.791148	-0.047858	0.095739	0.
568	Qm-1	0.	0.	-599.885729	0.058315	-0.008821	0.
568	Qm-2	0.	0.	-67.873659	-0.005055	1.895E-06	0.
569	DEAD	0.	0.	0.	0.	0.	0.
569	G1	0.	0.	-749.778509	1.263E-09	-2.680E-10	0.
569	G2	0.	0.	-127.562532	0.019036	0.000019	0.
569	Qm	0.	0.	-551.214699	0.062508	-0.008776	0.
569	Qs	0.	0.	-47.999998	5.880E-11	-9.667E-12	0.
569	T+	0.	0.	0.	0.	0.	-5.865E-19
569	T-	0.	0.	0.	0.	0.	5.865E-19
569	W	0.	0.	-129.218641	-0.047867	0.095739	0.
569	Qm-1	0.	0.	-611.549245	0.058321	-0.00882	0.
569	Qm-2	0.	0.	-66.862683	-0.005055	2.230E-06	0.
570	DEAD	0.	0.	0.	0.	0.	0.
570	G1	0.	0.	-749.778509	1.263E-09	-2.680E-10	0.
570	G2	0.	0.	-131.369949	0.019038	0.000019	0.
570	Qm	0.	0.	-563.715757	0.062503	-0.008776	0.
570	Qs	0.	0.	-47.999998	5.881E-11	-9.668E-12	0.
570	T+	0.	0.	0.	0.	0.	6.285E-19
570	T-	0.	0.	0.	0.	0.	-6.285E-19
570	W	0.	0.	-119.644253	-0.047877	0.095739	0.
570	Qm-1	0.	0.	-623.214116	0.058328	-0.00882	0.
570	Qm-2	0.	0.	-65.85186	-0.005054	2.548E-06	0.
571	DEAD	0.	0.	0.	0.	0.	0.
571	G1	0.	0.	-749.77851	1.263E-09	-2.680E-10	0.
571	G2	0.	0.	-135.177652	0.019039	0.00002	0.
571	Qm	0.	0.	-576.215859	0.062498	-0.008776	0.
571	Qs	0.	0.	-47.999998	5.883E-11	-9.669E-12	0.
571	T+	0.	0.	0.	0.	0.	-6.917E-19
571	T-	0.	0.	0.	0.	0.	6.917E-19
571	W	0.	0.	-110.067734	-0.047889	0.095739	0.
571	Qm-1	0.	0.	-634.880536	0.058336	-0.008821	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
571	Qm-2	0.	0.	-64.841211	-0.005053	2.856E-06	0.
572	DEAD	0.	0.	0.	0.	0.	0.
572	G1	0.	0.	-749.77851	1.264E-09	-2.681E-10	0.
572	G2	0.	0.	-138.985632	0.019041	0.00002	0.
572	Qm	0.	0.	-588.715081	0.062494	-0.008777	0.
572	Qs	0.	0.	-47.999998	5.884E-11	-9.670E-12	0.
572	T+	0.	0.	0.	0.	0.	7.151E-19
572	T-	0.	0.	0.	0.	0.	-7.151E-19
572	W	0.	0.	-100.488728	-0.047902	0.095738	0.
572	Qm-1	0.	0.	-646.54858	0.058344	-0.008822	0.
572	Qm-2	0.	0.	-63.830743	-0.005052	3.158E-06	0.
573	DEAD	0.	0.	0.	0.	0.	0.
573	G1	0.	0.	-749.77851	1.264E-09	-2.681E-10	0.
573	G2	0.	0.	-142.793866	0.019042	0.000021	0.
573	Qm	0.	0.	-601.213532	0.062491	-0.008777	0.
573	Qs	0.	0.	-47.999998	5.885E-11	-9.670E-12	0.
573	T+	0.	0.	0.	0.	0.	-7.314E-19
573	T-	0.	0.	0.	0.	0.	7.314E-19
573	W	0.	0.	-90.906945	-0.047916	0.095738	0.
573	Qm-1	0.	0.	-658.218198	0.058352	-0.008824	0.
573	Qm-2	0.	0.	-62.82045	-0.005051	3.454E-06	0.
574	DEAD	0.	0.	0.	0.	0.	0.
574	G1	0.	0.	-749.77851	1.264E-09	-2.681E-10	0.
574	G2	0.	0.	-146.602313	0.019043	0.000021	0.
574	Qm	0.	0.	-613.71135	0.062488	-0.008777	0.
574	Qs	0.	0.	-47.999998	5.886E-11	-9.669E-12	0.
574	T+	0.	0.	0.	0.	0.	7.354E-19
574	T-	0.	0.	0.	0.	0.	-7.354E-19
574	W	0.	0.	-81.322238	-0.047931	0.095737	0.
574	Qm-1	0.	0.	-669.889217	0.058358	-0.008826	0.
574	Qm-2	0.	0.	-61.810308	-0.00505	3.742E-06	0.
575	DEAD	0.	0.	0.	0.	0.	0.
575	G1	0.	0.	-749.778511	1.265E-09	-2.681E-10	0.
575	G2	0.	0.	-150.41091	0.019043	0.000022	0.
575	Qm	0.	0.	-626.208703	0.062486	-0.008777	0.
575	Qs	0.	0.	-47.999998	5.887E-11	-9.669E-12	0.
575	T+	0.	0.	0.	0.	0.	-7.263E-19
575	T-	0.	0.	0.	0.	0.	7.263E-19
575	W	0.	0.	-71.73462	-0.047945	0.095735	0.
575	Qm-1	0.	0.	-681.561331	0.058363	-0.008828	0.
575	Qm-2	0.	0.	-60.800278	-0.00505	4.020E-06	0.
576	DEAD	0.	0.	0.	0.	0.	0.
576	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
576	G2	0.	0.	-154.219584	0.019043	0.000022	0.
576	Qm	0.	0.	-638.705782	0.062485	-0.008776	0.
576	Qs	0.	0.	-47.999998	5.887E-11	-9.667E-12	0.
576	T+	0.	0.	0.	0.	0.	7.420E-19
576	T-	0.	0.	0.	0.	0.	-7.420E-19
576	W	0.	0.	-62.144337	-0.047957	0.095734	0.
576	Qm-1	0.	0.	-693.234076	0.058364	-0.00883	0.
576	Qm-2	0.	0.	-59.790274	-0.00505	4.289E-06	0.
577	DEAD	0.	0.	0.	0.	0.	0.
577	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
577	G2	0.	0.	-158.028266	0.019043	0.000023	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
577	Qm	0.	0.	-651.202794	0.062485	-0.008776	0.
577	Qs	0.	0.	-47.999998	5.887E-11	-9.666E-12	0.
577	T+	0.	0.	0.	0.	0.	-7.316E-19
577	T-	0.	0.	0.	0.	0.	7.316E-19
577	W	0.	0.	-52.55193	-0.047966	0.095733	0.
577	Qm-1	0.	0.	-704.906947	0.058365	-0.008832	0.
577	Qm-2	0.	0.	-58.780137	-0.005051	4.555E-06	0.
578	DEAD	0.	0.	0.	0.	0.	0.
578	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
578	G2	0.	0.	-161.836908	0.019043	0.000024	0.
578	Qm	0.	0.	-663.699891	0.062486	-0.008776	0.
578	Qs	0.	0.	-47.999998	5.887E-11	-9.665E-12	0.
578	T+	0.	0.	0.	0.	0.	7.196E-19
578	T-	0.	0.	0.	0.	0.	-7.196E-19
578	W	0.	0.	-42.958219	-0.04797	0.095732	0.
578	Qm-1	0.	0.	-716.579991	0.058366	-0.008834	0.
578	Qm-2	0.	0.	-57.769993	-0.005051	4.827E-06	0.
579	DEAD	0.	0.	0.	0.	0.	0.
579	G1	0.	0.	-749.778505	1.261E-09	-2.678E-10	0.
579	G2	0.	0.	-66.680544	0.019022	0.000021	0.
579	Qm	0.	0.	-349.342876	0.062552	-0.008766	0.
579	Qs	0.	0.	-47.999998	5.865E-11	-9.643E-12	0.
579	T+	0.	0.	0.	0.	0.	3.669E-19
579	T-	0.	0.	0.	0.	0.	-3.669E-19
579	W	0.	0.	-301.373646	-0.047786	0.095743	0.
579	Qm-1	0.	0.	-423.159765	0.058329	-0.008818	0.
579	Qm-2	0.	0.	-83.030122	-0.00505	-2.877E-06	0.
580	DEAD	0.	0.	0.	0.	0.	0.
580	G1	0.	0.	-749.778505	1.261E-09	-2.678E-10	0.
580	G2	0.	0.	-70.484951	0.019022	0.000021	0.
580	Qm	0.	0.	-361.853416	0.062553	-0.008767	0.
580	Qs	0.	0.	-47.999998	5.865E-11	-9.644E-12	0.
580	T+	0.	0.	0.	0.	0.	-3.697E-19
580	T-	0.	0.	0.	0.	0.	3.697E-19
580	W	0.	0.	-291.816122	-0.047788	0.095743	0.
580	Qm-1	0.	0.	-434.825707	0.05833	-0.008818	0.
580	Qm-2	0.	0.	-82.020213	-0.00505	-2.835E-06	0.
581	DEAD	0.	0.	0.	0.	0.	0.
581	G1	0.	0.	-749.778506	1.261E-09	-2.678E-10	0.
581	G2	0.	0.	-74.289336	0.019022	0.00002	0.
581	Qm	0.	0.	-374.363981	0.062553	-0.008768	0.
581	Qs	0.	0.	-47.999998	5.865E-11	-9.644E-12	0.
581	T+	0.	0.	0.	0.	0.	3.821E-19
581	T-	0.	0.	0.	0.	0.	-3.821E-19
581	W	0.	0.	-282.2583	-0.04779	0.095743	0.
581	Qm-1	0.	0.	-446.491704	0.05833	-0.008819	0.
581	Qm-2	0.	0.	-81.010302	-0.00505	-2.815E-06	0.
582	DEAD	0.	0.	0.	0.	0.	0.
582	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
582	G2	0.	0.	-78.09373	0.019022	0.00002	0.
582	Qm	0.	0.	-386.874455	0.062552	-0.008769	0.
582	Qs	0.	0.	-47.999998	5.866E-11	-9.645E-12	0.
582	T+	0.	0.	0.	0.	0.	-4.058E-19
582	T-	0.	0.	0.	0.	0.	4.058E-19

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
582	W	0.	0.	-272.700169	-0.047792	0.095744	0.
582	Qm-1	0.	0.	-458.157646	0.058329	-0.008821	0.
582	Qm-2	0.	0.	-80.000369	-0.00505	-2.794E-06	0.
583	DEAD	0.	0.	0.	0.	0.	0.
583	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
583	G2	0.	0.	-81.898183	0.019022	0.000019	0.
583	Qm	0.	0.	-399.384687	0.06255	-0.00877	0.
583	Qs	0.	0.	-47.999998	5.866E-11	-9.646E-12	0.
583	T+	0.	0.	0.	0.	0.	4.416E-19
583	T-	0.	0.	0.	0.	0.	-4.416E-19
583	W	0.	0.	-263.141537	-0.047795	0.095744	0.
583	Qm-1	0.	0.	-469.823401	0.058328	-0.008822	0.
583	Qm-2	0.	0.	-78.990384	-0.00505	-2.702E-06	0.
584	DEAD	0.	0.	0.	0.	0.	0.
584	G1	0.	0.	-749.778506	1.261E-09	-2.679E-10	0.
584	G2	0.	0.	-85.702741	0.019023	0.000019	0.
584	Qm	0.	0.	-411.894513	0.062548	-0.008771	0.
584	Qs	0.	0.	-47.999998	5.867E-11	-9.647E-12	0.
584	T+	0.	0.	0.	0.	0.	-4.570E-19
584	T-	0.	0.	0.	0.	0.	4.570E-19
584	W	0.	0.	-253.58234	-0.047797	0.095745	0.
584	Qm-1	0.	0.	-481.488854	0.058326	-0.008823	0.
584	Qm-2	0.	0.	-77.980322	-0.005051	-2.506E-06	0.
585	DEAD	0.	0.	0.	0.	0.	0.
585	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
585	G2	0.	0.	-89.507441	0.019024	0.000019	0.
585	Qm	0.	0.	-424.403791	0.062545	-0.008772	0.
585	Qs	0.	0.	-47.999998	5.868E-11	-9.648E-12	0.
585	T+	0.	0.	0.	0.	0.	4.033E-19
585	T-	0.	0.	0.	0.	0.	-4.033E-19
585	W	0.	0.	-244.022499	-0.047801	0.095747	0.
585	Qm-1	0.	0.	-493.15392	0.058324	-0.008824	0.
585	Qm-2	0.	0.	-76.97017	-0.005051	-2.240E-06	0.
586	DEAD	0.	0.	0.	0.	0.	0.
586	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
586	G2	0.	0.	-93.312306	0.019025	0.000019	0.
586	Qm	0.	0.	-436.912432	0.062542	-0.008773	0.
586	Qs	0.	0.	-47.999998	5.869E-11	-9.648E-12	0.
586	T+	0.	0.	0.	0.	0.	-4.204E-19
586	T-	0.	0.	0.	0.	0.	4.204E-19
586	W	0.	0.	-234.461872	-0.047805	0.095748	0.
586	Qm-1	0.	0.	-504.818541	0.058322	-0.008825	0.
586	Qm-2	0.	0.	-75.959924	-0.005051	-1.959E-06	0.
587	DEAD	0.	0.	0.	0.	0.	0.
587	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
587	G2	0.	0.	-97.117347	0.019026	0.000019	0.
587	Qm	0.	0.	-449.420405	0.062538	-0.008773	0.
587	Qs	0.	0.	-47.999998	5.870E-11	-9.649E-12	0.
587	T+	0.	0.	0.	0.	0.	4.378E-19
587	T-	0.	0.	0.	0.	0.	-4.378E-19
587	W	0.	0.	-224.900388	-0.047809	0.095749	0.
587	Qm-1	0.	0.	-516.482679	0.058319	-0.008826	0.
587	Qm-2	0.	0.	-74.949571	-0.005052	-1.624E-06	0.
588	DEAD	0.	0.	0.	0.	0.	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
588	G1	0.	0.	-749.778507	1.261E-09	-2.680E-10	0.
588	G2	0.	0.	-100.922567	0.019027	0.000019	0.
588	Qm	0.	0.	-461.927728	0.062535	-0.008774	0.
588	Qs	0.	0.	-47.999998	5.871E-11	-9.650E-12	0.
588	T+	0.	0.	0.	0.	0.	-4.806E-19
588	T-	0.	0.	0.	0.	0.	4.806E-19
588	W	0.	0.	-215.338321	-0.047812	0.09575	0.
588	Qm-1	0.	0.	-528.146323	0.058317	-0.008826	0.
588	Qm-2	0.	0.	-73.939104	-0.005053	-1.222E-06	0.
589	DEAD	0.	0.	0.	0.	0.	0.
589	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
589	G2	0.	0.	-104.727983	0.019028	0.000019	0.
589	Qm	0.	0.	-474.43443	0.062532	-0.008774	0.
589	Qs	0.	0.	-47.999998	5.872E-11	-9.652E-12	0.
589	T+	0.	0.	0.	0.	0.	5.217E-19
589	T-	0.	0.	0.	0.	0.	-5.217E-19
589	W	0.	0.	-205.775697	-0.047815	0.095752	0.
589	Qm-1	0.	0.	-539.809491	0.058315	-0.008827	0.
589	Qm-2	0.	0.	-72.928528	-0.005053	-8.088E-07	0.
590	DEAD	0.	0.	0.	0.	0.	0.
590	G1	0.	0.	-749.778508	1.261E-09	-2.680E-10	0.
590	G2	0.	0.	-108.53363	0.019029	0.000019	0.
590	Qm	0.	0.	-486.940518	0.062529	-0.008775	0.
590	Qs	0.	0.	-47.999998	5.874E-11	-9.654E-12	0.
590	T+	0.	0.	0.	0.	0.	-5.257E-19
590	T-	0.	0.	0.	0.	0.	5.257E-19
590	W	0.	0.	-196.212151	-0.047821	0.095754	0.
590	Qm-1	0.	0.	-551.472221	0.058313	-0.008827	0.
590	Qm-2	0.	0.	-71.917846	-0.005054	-4.982E-07	0.
591	DEAD	0.	0.	0.	0.	0.	0.
591	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
591	G2	0.	0.	-112.339555	0.01903	0.000019	0.
591	Qm	0.	0.	-499.445949	0.062525	-0.008775	0.
591	Qs	0.	0.	-47.999998	5.875E-11	-9.656E-12	0.
591	T+	0.	0.	0.	0.	0.	5.235E-19
591	T-	0.	0.	0.	0.	0.	-5.235E-19
591	W	0.	0.	-186.647073	-0.04783	0.095754	0.
591	Qm-1	0.	0.	-563.134525	0.05831	-0.008828	0.
591	Qm-2	0.	0.	-70.907024	-0.005055	-2.339E-07	0.
592	DEAD	0.	0.	0.	0.	0.	0.
592	G1	0.	0.	-749.778508	1.262E-09	-2.681E-10	0.
592	G2	0.	0.	-116.145793	0.019032	0.000019	0.
592	Qm	0.	0.	-511.950631	0.062521	-0.008776	0.
592	Qs	0.	0.	-47.999998	5.876E-11	-9.658E-12	0.
592	T+	0.	0.	0.	0.	0.	-5.026E-19
592	T-	0.	0.	0.	0.	0.	5.026E-19
592	W	0.	0.	-177.080198	-0.047839	0.095755	0.
592	Qm-1	0.	0.	-574.796478	0.05831	-0.008827	0.
592	Qm-2	0.	0.	-69.896047	-0.005055	4.132E-07	0.
593	DEAD	0.	0.	0.	0.	0.	0.
593	G1	0.	0.	-749.778509	1.262E-09	-2.681E-10	0.
593	G2	0.	0.	-119.95236	0.019034	0.000019	0.
593	Qm	0.	0.	-524.454454	0.062517	-0.008777	0.
593	Qs	0.	0.	-47.999998	5.877E-11	-9.660E-12	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
593	T+	0.	0.	0.	0.	0.	5.092E-19
593	T-	0.	0.	0.	0.	0.	-5.092E-19
593	W	0.	0.	-167.511355	-0.047849	0.095755	0.
593	Qm-1	0.	0.	-586.458524	0.058311	-0.008826	0.
593	Qm-2	0.	0.	-68.885003	-0.005055	1.014E-06	0.
594	DEAD	0.	0.	0.	0.	0.	0.
594	G1	0.	0.	-749.778509	1.262E-09	-2.681E-10	0.
594	G2	0.	0.	-123.759249	0.019035	0.00002	0.
594	Qm	0.	0.	-536.957344	0.062512	-0.008778	0.
594	Qs	0.	0.	-47.999998	5.879E-11	-9.662E-12	0.
594	T+	0.	0.	0.	0.	0.	-5.200E-19
594	T-	0.	0.	0.	0.	0.	5.200E-19
594	W	0.	0.	-157.940467	-0.047859	0.095754	0.
594	Qm-1	0.	0.	-598.121144	0.058315	-0.008825	0.
594	Qm-2	0.	0.	-67.873997	-0.005055	1.494E-06	0.
595	DEAD	0.	0.	0.	0.	0.	0.
595	G1	0.	0.	-749.778509	1.263E-09	-2.681E-10	0.
595	G2	0.	0.	-127.566441	0.019037	0.00002	0.
595	Qm	0.	0.	-549.459263	0.062507	-0.008778	0.
595	Qs	0.	0.	-47.999998	5.880E-11	-9.664E-12	0.
595	T+	0.	0.	0.	0.	0.	5.551E-19
595	T-	0.	0.	0.	0.	0.	-5.551E-19
595	W	0.	0.	-148.367809	-0.047867	0.095753	0.
595	Qm-1	0.	0.	-609.784728	0.058321	-0.008825	0.
595	Qm-2	0.	0.	-66.863096	-0.005054	1.896E-06	0.
596	DEAD	0.	0.	0.	0.	0.	0.
596	G1	0.	0.	-749.778509	1.263E-09	-2.681E-10	0.
596	G2	0.	0.	-131.373923	0.019038	0.00002	0.
596	Qm	0.	0.	-561.960217	0.062502	-0.008779	0.
596	Qs	0.	0.	-47.999998	5.881E-11	-9.665E-12	0.
596	T+	0.	0.	0.	0.	0.	-5.959E-19
596	T-	0.	0.	0.	0.	0.	5.959E-19
596	W	0.	0.	-138.793417	-0.047877	0.095753	0.
596	Qm-1	0.	0.	-621.449574	0.058328	-0.008825	0.
596	Qm-2	0.	0.	-65.852339	-0.005053	2.243E-06	0.
597	DEAD	0.	0.	0.	0.	0.	0.
597	G1	0.	0.	-749.77851	1.263E-09	-2.681E-10	0.
597	G2	0.	0.	-135.181694	0.01904	0.000021	0.
597	Qm	0.	0.	-574.460244	0.062498	-0.008779	0.
597	Qs	0.	0.	-47.999998	5.883E-11	-9.666E-12	0.
597	T+	0.	0.	0.	0.	0.	6.234E-19
597	T-	0.	0.	0.	0.	0.	-6.234E-19
597	W	0.	0.	-129.216949	-0.047889	0.095754	0.
597	Qm-1	0.	0.	-633.115867	0.058335	-0.008826	0.
597	Qm-2	0.	0.	-64.841752	-0.005052	2.548E-06	0.
598	DEAD	0.	0.	0.	0.	0.	0.
598	G1	0.	0.	-749.77851	1.264E-09	-2.681E-10	0.
598	G2	0.	0.	-138.989756	0.019041	0.000021	0.
598	Qm	0.	0.	-586.959421	0.062494	-0.00878	0.
598	Qs	0.	0.	-47.999998	5.884E-11	-9.667E-12	0.
598	T+	0.	0.	0.	0.	0.	-6.730E-19
598	T-	0.	0.	0.	0.	0.	6.730E-19
598	W	0.	0.	-119.637833	-0.047903	0.095753	0.
598	Qm-1	0.	0.	-644.783683	0.058343	-0.008827	0.

Table 24: Joint Displacements

Joint	OutputCase	U1 mm	U2 mm	U3 mm	R1 Radians	R2 Radians	R3 Radians
598	Qm-2	0.	0.	-63.831341	-0.005052	2.811E-06	0.
599	DEAD	0.	0.	0.	0.	0.	0.
599	G1	0.	0.	-749.77851	1.264E-09	-2.681E-10	0.
599	G2	0.	0.	-142.798094	0.019042	0.000022	0.
599	Qm	0.	0.	-599.457857	0.062491	-0.00878	0.
599	Qs	0.	0.	-47.999998	5.885E-11	-9.667E-12	0.
599	T+	0.	0.	0.	0.	0.	6.993E-19
599	T-	0.	0.	0.	0.	0.	-6.993E-19
599	W	0.	0.	-110.055863	-0.047917	0.095751	0.
599	Qm-1	0.	0.	-656.452977	0.05835	-0.008828	0.
599	Qm-2	0.	0.	-62.821098	-0.005051	3.024E-06	0.
600	DEAD	0.	0.	0.	0.	0.	0.
600	G1	0.	0.	-749.77851	1.264E-09	-2.682E-10	0.
600	G2	0.	0.	-146.606667	0.019043	0.000022	0.
600	Qm	0.	0.	-611.95569	0.062488	-0.00878	0.
600	Qs	0.	0.	-47.999998	5.886E-11	-9.667E-12	0.
600	T+	0.	0.	0.	0.	0.	-6.732E-19
600	T-	0.	0.	0.	0.	0.	6.732E-19
600	W	0.	0.	-100.470953	-0.047932	0.095751	0.
600	Qm-1	0.	0.	-668.123588	0.058356	-0.00883	0.
600	Qm-2	0.	0.	-61.810998	-0.00505	3.166E-06	0.
601	DEAD	0.	0.	0.	0.	0.	0.
601	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
601	G2	0.	0.	-150.415405	0.019044	0.000023	0.
601	Qm	0.	0.	-624.45308	0.062486	-0.008779	0.
601	Qs	0.	0.	-47.999998	5.887E-11	-9.666E-12	0.
601	T+	0.	0.	0.	0.	0.	6.378E-19
601	T-	0.	0.	0.	0.	0.	-6.378E-19
601	W	0.	0.	-90.88308	-0.047946	0.095749	0.
601	Qm-1	0.	0.	-679.795236	0.05836	-0.008833	0.
601	Qm-2	0.	0.	-60.800994	-0.00505	3.193E-06	0.
602	DEAD	0.	0.	0.	0.	0.	0.
602	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
602	G2	0.	0.	-154.224221	0.019044	0.000024	0.
602	Qm	0.	0.	-636.950202	0.062485	-0.008779	0.
602	Qs	0.	0.	-47.999998	5.887E-11	-9.665E-12	0.
602	T+	0.	0.	0.	0.	0.	-6.492E-19
602	T-	0.	0.	0.	0.	0.	6.492E-19
602	W	0.	0.	-81.292492	-0.047959	0.095748	0.
602	Qm-1	0.	0.	-691.467526	0.058362	-0.008835	0.
602	Qm-2	0.	0.	-59.790998	-0.00505	3.179E-06	0.
603	DEAD	0.	0.	0.	0.	0.	0.
603	G1	0.	0.	-749.778511	1.265E-09	-2.682E-10	0.
603	G2	0.	0.	-158.033036	0.019044	0.000025	0.
603	Qm	0.	0.	-649.447236	0.062485	-0.008779	0.
603	Qs	0.	0.	-47.999998	5.887E-11	-9.664E-12	0.
603	T+	0.	0.	0.	0.	0.	6.381E-19
603	T-	0.	0.	0.	0.	0.	-6.381E-19
603	W	0.	0.	-71.69971	-0.047969	0.095745	0.
603	Qm-1	0.	0.	-703.140058	0.058363	-0.008836	0.
603	Qm-2	0.	0.	-58.780942	-0.00505	3.552E-06	0.
604	DEAD	0.	0.	0.	0.	0.	0.
604	G1	0.	0.	-749.778511	1.265E-09	-2.683E-10	0.
604	G2	0.	0.	-161.841808	0.019044	0.000025	0.