



CITTA' METROPOLITANA DI ROMA CAPITALE

DIPARTIMENTO I - Direzione -

UOT Progetti Complessi

**CITTA' DI COLLEFERRO - Realizzazione della nuova sede
dell'Istituto P.I.A. "Parodi-Delfino"**

CUP: F51B20000730001

PROGETTO ESECUTIVO



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**STATO DI PROGETTO:
ALLEGATO: TABULATI DI CALCOLO ED.
E1 - ED. E2**

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DIREZIONE DEL DIPARTIMENTO I

SCALA

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PLOT

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RUP

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ALLEGATO DI CALCOLO EDIFICIO E1

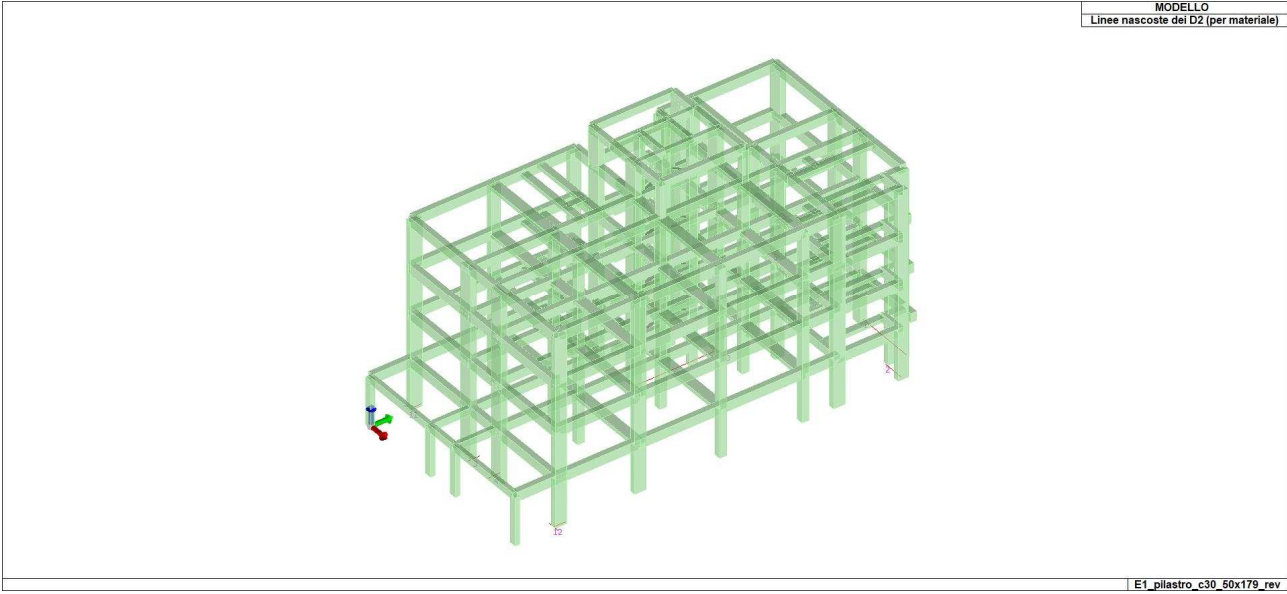
Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2023-06-199)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi2526

CARATTERISTICHE MATERIALI UTILIZZATI	3
LEGENDA TABELLA DATI MATERIALI	3
MODELLAZIONE DELLE SEZIONI	5
LEGENDA TABELLA DATI SEZIONI.....	5
MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO	7
LEGENDA TABELLA DATI SOLAI-PANNELLI.....	7
MODELLAZIONE DELLE AZIONI	11
LEGENDA TABELLA DATI AZIONI.....	11
SCHEMATIZZAZIONE DEI CASI DI CARICO	13
LEGENDA TABELLA CASI DI CARICO	13
DEFINIZIONE DELLE COMBINAZIONI.....	15
LEGENDA TABELLA COMBINAZIONI DI CARICO	15
AZIONE SISMICA.....	22
VALUTAZIONE DELL' AZIONE SISMICA.....	22
Parametri della struttura	22
RISULTATI ANALISI SISMICHE	26
LEGENDA TABELLA ANALISI SISMICHE.....	26
VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	38
LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	38
STATI LIMITE D' ESERCIZIO	74
LEGENDA TABELLA STATI LIMITE D' ESERCIZIO	74
STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO	91
LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)	91
Simbologia adottata nelle tabelle di verifica	91

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
3	Calcestruzzo Classe C28/35			3.259e+05	0.20	1.358e+05	2.50e-03	1.00e-05	
	Resistenza Rc	350.0							
	Resistenza fctm		28.4						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								0.75
	Rapporto Rfessurata (taglio)								0.75
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
4	Calcestruzzo Classe C30/37			3.302e+05	0.20	1.376e+05	2.50e-03	1.00e-05	
	Resistenza Rc	370.0							
	Resistenza fctm		29.4						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								0.75
	Rapporto Rfessurata (taglio)								0.75
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
23	Danesi - Poroton P800 38.19.25 e malta di classe M10 -muratura E = 6.530e+04			6.530e+04	0.0	2.612e+04	9.00e-04	1.00e-05	
	Resistenza f	65.3							
	Resistenza fh	32.6							
	Resistenza fv0	3.0							
	Resistenza fv0h	3.0							
	Resistenza tau0	1.5							
	Resistenza fvlim	9.4							
	Resistenza fb	144.0							
	Resistenza fbh	32.0							
	Resistenza fbt	10.0							
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Coefficiente mu tilda								0.50
	Coefficiente fi								0.50
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

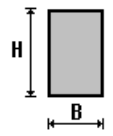
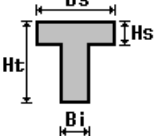
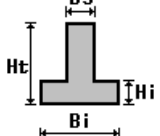
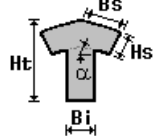
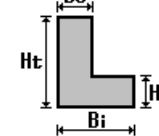
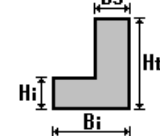
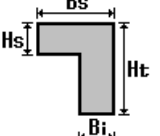
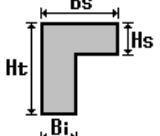
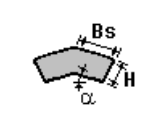
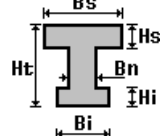
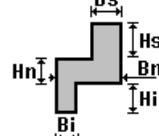
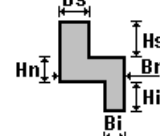
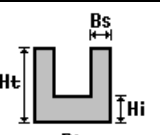
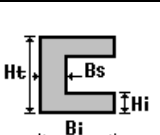
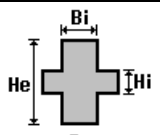
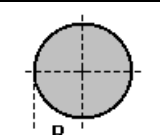
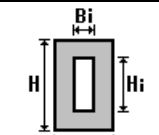
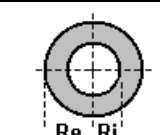
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	PILASTRO 50x90 - Rettangolare: b=50 h=90	4500.00	3750.00	3750.00	2.438e+06	9.375e+05	3.038e+06	3.750e+04	6.750e+04	5.625e+04	1.012e+05
2	PILASTRO 40x60 - Rettangolare: b=40 h=60	2400.00	2000.00	2000.00	7.424e+05	3.200e+05	7.200e+05	1.600e+04	2.400e+04	2.400e+04	3.600e+04
3	PILASTRO 50x100 - Rettangolare: b=50 h=100	5000.00	4166.67	4166.67	2.854e+06	1.042e+06	4.167e+06	4.167e+04	8.333e+04	6.250e+04	1.250e+05
4	PILASTRO 60x60 - Rettangolare: b=60 h=60	3600.00	3000.00	3000.00	1.822e+06	1.080e+06	1.080e+06	3.600e+04	3.600e+04	5.400e+04	5.400e+04
5	TRAVE BORDO 50x80 - Rettangolare: b=50 h=80	4000.00	3333.33	3333.33	2.021e+06	8.333e+05	2.133e+06	3.333e+04	5.333e+04	5.000e+04	8.000e+04
6	TRAVE CENTRALE 50x70 - Rettangolare: b=50 h=70	3500.00	2916.67	2916.67	1.636e+06	7.292e+05	1.429e+06	2.917e+04	4.083e+04	4.375e+04	6.125e+04
7	TRAVE SPESSORE 90x30 - Rettangolare: b=90 h=30	2700.00	2250.00	2250.00	6.399e+05	1.822e+06	2.025e+05	4.050e+04	1.350e+04	6.075e+04	2.025e+04
8	TRAVE ASC. 40x60 - Rettangolare: b=40 h=60	2400.00	2000.00	2000.00	7.424e+05	3.200e+05	7.200e+05	1.600e+04	2.400e+04	2.400e+04	3.600e+04
9	CORDOLO. 60x30 - Rettangolare: b=60 h=30	1800.00	1500.00	1500.00	3.699e+05	5.400e+05	1.350e+05	1.800e+04	9000.00	2.700e+04	1.350e+04
10	TRVE SCALA 40x60 - Rettangolare: b=40 h=60	2400.00	2000.00	2000.00	7.424e+05	3.200e+05	7.200e+05	1.600e+04	2.400e+04	2.400e+04	3.600e+04
11	TRAVI FONDAZIONE - Rettangolare: b=60 h=120	7200.00	6000.00	6000.00	5.918e+06	2.160e+06	8.640e+06	7.200e+04	1.440e+05	1.080e+05	2.160e+05
13	PILASTRO 50x120 - Rettangolare: b=50 h=120	6000.00	5000.00	5000.00	3.688e+06	1.250e+06	7.200e+06	5.000e+04	1.200e+05	7.500e+04	1.800e+05
14	TRAVE DI BORDO - Rettangolare: b=50 h=80	4000.00	3333.33	3333.33	2.021e+06	8.333e+05	2.133e+06	3.333e+04	5.333e+04	5.000e+04	8.000e+04
16	PILASTRO 50x80 - Rettangolare: b=50 h=80	4000.00	3333.33	3333.33	2.021e+06	8.333e+05	2.133e+06	3.333e+04	5.333e+04	5.000e+04	8.000e+04
17	PILASTRO ASCE - L regolare: bi=70 ht=70 bs=40 hi=40	4000.00	0.0	0.0	1.911e+06	1.492e+06	1.492e+06	3.778e+04	3.778e+04	6.486e+04	6.486e+04
19	PILASTRO 50x179 - Rettangolare: b=50 h=179	8950.00	7458.33	7458.33	6.146e+06	1.865e+06	2.390e+07	7.458e+04	2.670e+05	1.119e+05	4.005e+05
20	TRAVE SPESSORE CORR - Rettangolare: b=90 h=30	2700.00	2250.00	2250.00	6.399e+05	1.822e+06	2.025e+05	4.050e+04	1.350e+04	6.075e+04	2.025e+04
21	TRVE TRASVERSALE 40x60 - Rettangolare: b=40 h=60	2400.00	2000.00	2000.00	7.424e+05	3.200e+05	7.200e+05	1.600e+04	2.400e+04	2.400e+04	3.600e+04
22	PILASTRO 50x60 - Rettangolare: b=50 h=60	3000.00	2500.00	2500.00	1.246e+06	6.250e+05	9.000e+05	2.500e+04	3.000e+04	3.750e+04	4.500e+04
23	TRAVE TORRINO. 50x60 - Rettangolare: b=50 h=60	3000.00	2500.00	2500.00	1.246e+06	6.250e+05	9.000e+05	2.500e+04	3.000e+04	3.750e+04	4.500e+04
25	TRAVE DI BORDO 40x80 - Rettangolare: b=40 h=80	3200.00	2666.67	2666.67	1.169e+06	4.267e+05	1.707e+06	2.133e+04	4.267e+04	3.200e+04	6.400e+04
26	TRAV SPESSORE 80x30 - Rettangolare: b=80 h=30	2400.00	2000.00	2000.00	5.499e+05	1.280e+06	1.800e+05	3.200e+04	1.200e+04	4.800e+04	1.800e+04
27	PILASTRO 50x120 - Rettangolare: b=50 h=120	6000.00	5000.00	5000.00	3.688e+06	1.250e+06	7.200e+06	5.000e+04	1.200e+05	7.500e+04	1.800e+05
28	PILASTRO 60x60 - Rettangolare: b=60 h=60	3600.00	3000.00	3000.00	1.822e+06	1.080e+06	1.080e+06	3.600e+04	3.600e+04	5.400e+04	5.400e+04
29	TRAVE BORDO 50x80 4st - Rettangolare: b=50 h=80	4000.00	3333.33	3333.33	2.021e+06	8.333e+05	2.133e+06	3.333e+04	5.333e+04	5.000e+04	8.000e+04

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico Variab. Carico variabile generico Var. rid. Carico variabile generico con riduzione in funzione dell' area (c.5.5. ...) Neve Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore raro
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore frequente
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore quasi permanente
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: per la definizione delle masse sismiche
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento S elemento utilizzato solo per scarico C elemento utilizzato per scarico e per modellazione piano rigido P elemento utilizzato come pannello M scarico monodirezionale B scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente solaio (comprensivo del peso proprio)
Qk	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

ID Arch.	Tipo	G1	G2	Q	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
2	Neve	4.20	2.10	0.52		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.			3.00			0.70	0.70	0.60		
3	Variab.	4.20	2.85	3.00		1.00	0.70	0.70	0.60	0.60	1.00
5	Variab.	6.75	1.85	4.00		1.00	0.70	0.70	0.60	0.60	1.00
7	Neve	4.20	2.10	0.52		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.			4.00			1.00	0.90	0.80		

ID Arch.	Tipo	G1	G2	Q	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
8	Neve	4.20	1.80	0.52		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.			0.50			0.0	0.0	0.0		
9	Variab.	4.20	1.65	3.00		1.00	0.70	0.70	0.60	0.60	1.00
10	Variab.	4.20	2.20	4.00		1.00	0.70	0.70	0.60	0.60	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						kN/ m2	kN/ m2	kN/ m2					
1	CM	10	m=4	5.0	0.0	4.20	2.20	4.00	71	72	79	77	
2	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	77	79	88	89	
3	CM	10	m=4	5.0	0.0	4.20	2.20	4.00	72	75	81	79	
4	CM	10	m=4	5.0	0.0	4.20	2.20	4.00	75	76	82	81	
5	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	79	81	86	88	
6	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	81	82	84	86	
7	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	89	88	236	212	
8	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	256	236	238	258	
9	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	213	238	93	91	90
10	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	88	86	95	93	
11	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	86	84	97	95	
12	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	95	97	150	111	
13	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	98	99	101	104	102
14	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	101	111	109	104	
15	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	111	150	113	259	261
									109				
16	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	102	104	106	105	
17	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	104	109	281	107	106
18	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	200	199	152	204	203
19	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	183	182	185	184	
20	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	182	181	186	185	
21	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	181	180	187	186	
22	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	184	185	230	308	
23	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	177	230	176	178	
24	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	229	176	190	191	192
25	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	185	186	189	190	
26	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	186	187	188	189	
27	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	189	188	197	196	
28	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	193	194	144	200	201
29	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	144	196	199	200	
30	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	196	197	198	179	47
									199				
31	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	201	200	203	202	
32	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	23	21	318	42	40
33	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	237	248	283	240	
34	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	248	279	285	283	
35	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	279	277	46	285	
36	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	240	283	320	321	
37	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	311	320	310	174	
38	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	319	310	158	164	206
39	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	283	285	16	158	
40	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	285	46	12	16	
41	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	16	12	57	306	
42	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	251	253	145	23	38
43	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	145	306	21	23	
44	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	306	57	19	211	315
									21				
45	CM	3	m=4	5.0	0.0	4.20	2.85	3.00	38	23	40	39	
46	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	155	207	325	173	171
47	CM	7	m=4	5.0	0.0	4.20	2.10	0.52	326	327	332	333	
48	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	327	328	331	332	
49	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	328	329	330	331	
50	CM	7	m=4	5.0	0.0	4.20	2.10	0.52	333	332	56	54	
51	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	59	56	58	117	
52	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	55	58	336	335	334
53	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	332	331	337	336	
54	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	331	330	6	337	
55	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	337	6	260	222	
56	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	44	48	114	155	151
57	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	114	222	207	155	
58	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	222	260	226	119	322
									207				
59	CM	7	m=4	5.0	0.0	4.20	2.10	0.52	151	155	171	170	

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
60	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	210	123	125	121	
61	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	121	93	169	210	
62	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	124	282	120	254	
63	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	282	232	144	120	
64	CM	5	m=4	20.0	90.0	6.75	1.85	4.00	124	123	210	282	
65	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	127	25	32	35	
66	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	35	190	302	127	
67	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	31	255	29	33	
68	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	255	305	145	29	
69	CM	5	m=4	20.0	90.0	6.75	1.85	4.00	31	25	127	255	
70	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	36	292	34	37	
71	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	214	241	247	28	
72	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	34	292	316	114	
73	CM	5	m=4	20.0	90.0	6.75	1.85	4.00	241	214	292	36	
74	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	214	28	158	278	
75	SM	5	m=4	20.0	0.0	6.75	1.85	4.00	267	301	27	128	
76	CM	5	m=4	20.0	0.0	6.75	1.85	4.00	252	131	129	30	
77	SM	5	m=4	20.0	0.0	6.75	1.85	4.00	27	301	168	101	
78	CM	5	m=4	20.0	90.0	6.75	1.85	4.00	131	252	301	267	
79	SM	5	m=4	20.0	0.0	6.75	1.85	4.00	252	30	92	243	
80	CM	2	m=4	5.0	0.0	4.20	2.10	0.52	336	337	222	114	
81	CM	8	m=4	20.0	0.0	4.20	1.80	0.52	53	140	135	215	
82	CM	8	m=4	20.0	0.0	4.20	1.80	0.52	215	136	137	217	
83	CM	8	m=4	20.0	0.0	4.20	1.80	0.52	217	139	147	126	
101	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	93	95	111	101	
102	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	190	189	196	144	
103	CM	9	m=4	5.0	0.0	4.20	1.65	3.00	158	16	306	145	
104	CM	8	m=4	20.0	0.0	4.20	1.80	0.52	126	147	140	53	
105	CM	8	m=4	20.0	0.0	4.20	1.80	0.52	139	133	132	135	
108	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	207	322	351	325	
109	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	322	119	346	343	
110	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	21	315	344	318	
111	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	315	211	340	347	
112	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	199	47	153	152	
113	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	109	261	338	281	
114	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	261	259	195	339	
115	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	47	179	141	349	
117	PM		m=23	30.0	90.0				72	7	1	71	
118	PM		m=23	32.8	90.0				39	170	171	40	
119	PM		m=23	30.0	90.0				97	84	83	96	
120	PM		m=23	30.0	90.0				18	89	77	4	
121	PM		m=23	32.8	90.0				202	39	40	203	
122	PM		m=23	32.8	90.0				40	171	173	42	
123	PM		m=23	30.0	90.0				89	184	183	77	
124	PM		m=23	30.0	90.0				97	188	187	84	
125	PM		m=23	32.8	90.0				8	106	107	73	
126	PM		m=23	32.8	90.0				2	105	106	8	
127	PM		m=23	30.0	90.0				76	3	74	75	
128	PM		m=23	30.0	90.0				188	12	46	187	
129	PM		m=23	32.8	90.0				39	38	201	202	
130	PM		m=23	32.8	90.0				170	151	38	39	
131	PM		m=23	30.0	90.0				6	330	46	12	
132	PM		m=23	30.0	90.0				184	240	237	183	
133	PM		m=23	30.0	90.0				84	82	5	83	
134	PM		m=23	29.0	90.0				139	336	335	137	
135	PM		m=23	29.0	90.0				139	133	337	336	
136	PM		m=23	29.0	90.0				133	337	222	132	
137	PM		m=23	30.0	90.0				240	333	326	237	
138	PM		m=23	29.0	90.0				132	222	114	135	
139	PM		m=23	30.0	90.0				20	90	213	212	89
									18				
140	PM		m=23	29.0	90.0				135	114	48	136	
141	PM		m=23	30.0	90.0				212	213	90	192	229
									308	184	89		
142	PM		m=23	30.0	90.0				308	229	192	206	319
									321	240	184		
143	PM		m=23	30.0	90.0				321	319	206	334	55
									54	333	240		
144	PM		m=23	32.8	90.0				24	102	98	22	
145	PM		m=23	32.8	90.0				102	201	193	98	
146	PM		m=23	32.8	90.0				201	38	251	193	
147	PM		m=23	32.8	90.0				38	151	44	251	
148	PM		m=23	32.8	90.0				81	181	180	82	
149	PM		m=23	32.8	90.0				77	183	182	79	

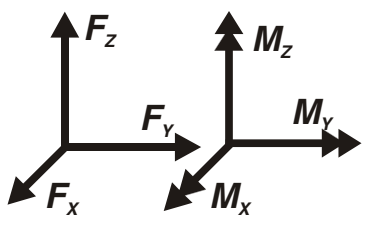
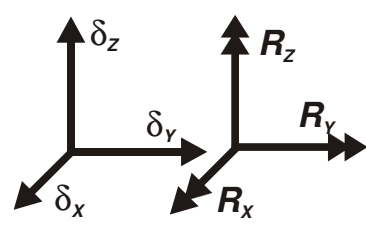
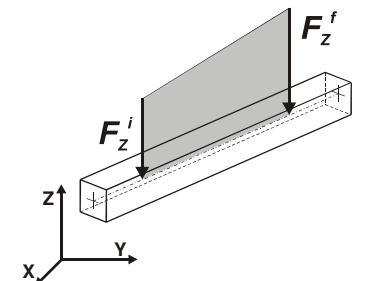
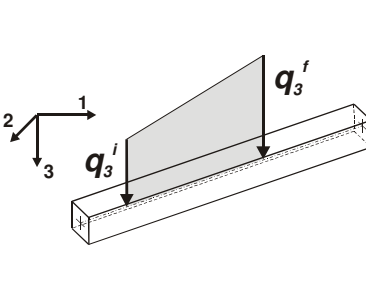
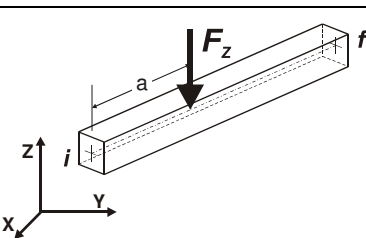
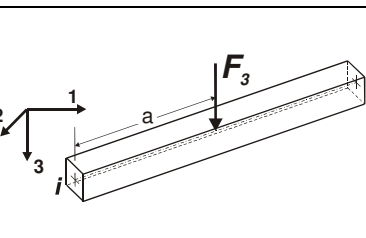
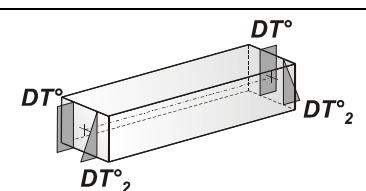
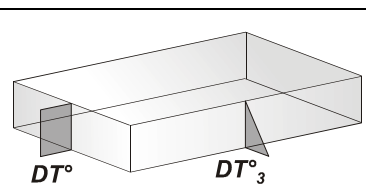
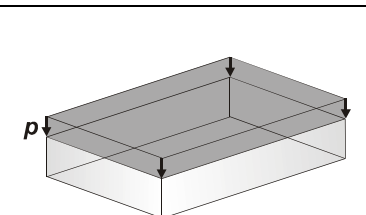
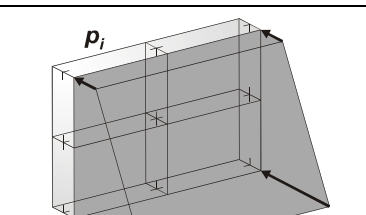
Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
150	PM		m=23	32.8	90.0				183	237	248	182	
151	PM		m=23	32.8	90.0				237	326	327	248	
152	PM		m=23	32.8	90.0				181	279	277	180	
153	PM		m=23	32.8	90.0				79	182	181	81	
154	PM		m=23	32.8	90.0				182	248	279	181	
155	PM		m=23	32.8	90.0				248	327	328	279	
156	PM		m=23	32.8	90.0				279	328	329	277	
157	PM		m=23	30.0	90.0				187	180	82	84	
158	PM		m=23	30.0	90.0				46	277	180	187	
159	PM		m=23	30.0	90.0				330	329	277	46	
160	PM		m=23	30.0	90.0				82	76	3	5	
161	PM		m=23	32.8	90.0				105	202	203	106	
162	PM		m=23	32.8	90.0				202	201	102	105	
163	PM		m=23	32.8	90.0				194	253	164	191	
164	PM		m=23	30.0	90.0				97	96	149	150	
165	PM		m=23	32.8	90.0				253	48	335	164	
166	PM		m=23	30.0	90.0				150	149	112	113	
167	PM		m=23	32.8	90.0				22	98	99	69	
168	PM		m=23	32.8	90.0				106	203	204	107	
169	PM		m=23	30.0	90.0				75	74	7	72	
170	PM		m=23	32.8	90.0				68	154	69	99	91
									70				
171	PM		m=23	32.8	90.0				102	24	2	105	
172	PM		m=23	30.0	90.0				4	77	71	1	
173	PM		m=23	32.8	90.0				348	345	340	346	
174	PM		m=23	32.8	90.0				345	342	141	340	
175	PM		m=23	32.8	90.0				342	146	195	141	
176	PM		m=23	32.8	90.0				146	297	148	195	
177	PM		m=23	32.8	90.0				346	340	42	173	
178	PM		m=23	32.8	90.0				340	141	204	42	
179	PM		m=23	32.8	90.0				204	141	195	107	
180	PM		m=23	32.8	90.0				148	73	107	195	
181	PM		m=23	30.0	90.0				113	112	297	146	
182	PM		m=23	32.8	90.0				203	40	42	204	
183	PM		m=23	30.0	90.0				90	192	191	91	
184	PM		m=23	40.0	90.0				48	136	137	335	
185	PM		m=23	30.0	90.0				20	90	91	70	
186	PM		m=23	32.8	90.0				99	194	191	91	
187	PM		m=23	30.0	90.0				206	334	335	164	
188	PM		m=23	32.8	90.0				98	193	194	99	
189	PM		m=23	32.8	90.0				193	251	253	194	
190	PM		m=23	30.0	90.0				192	206	164	191	
191	PM		m=23	32.8	90.0				251	44	48	253	
192	PM		m=23	32.8	90.0				352	98	193	353	
193	PM		m=23	32.8	90.0				353	193	251	354	
194	PM		m=23	32.8	90.0				354	251	44		
195	PM		m=23	32.8	90.0				141	356	355	195	
196	PM		m=23	32.8	90.0				340	357	356	141	
197	PM		m=23	32.8	90.0				346	357	340		

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	carico concentrato nodale 6 dati (forza F_x , F_y , F_z , momento M_x , M_y , M_z)
2	spostamento nodale impresso 6 dati (spostamento T_x , T_y , T_z , rotazione R_x , R_y , R_z)
3	carico distribuito globale su elemento tipo trave 7 dati (f_x , f_y , f_z , m_x , m_y , m_z , ascissa di inizio carico) 7 dati (f_x , f_y , f_z , m_x , m_y , m_z , ascissa di fine carico)
4	carico distribuito locale su elemento tipo trave 7 dati (f_1 , f_2 , f_3 , m_1 , m_2 , m_3 , ascissa di inizio carico) 7 dati (f_1 , f_2 , f_3 , m_1 , m_2 , m_3 , ascissa di fine carico)
5	carico concentrato globale su elemento tipo trave 7 dati (F_x , F_y , F_z , M_x , M_y , M_z , ascissa di carico)
6	carico concentrato locale su elemento tipo trave 7 dati (F_1 , F_2 , F_3 , M_1 , M_2 , M_3 , ascissa di carico)
7	variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	carico di pressione uniforme su elemento tipo piastra 1 dato (pressione)
9	carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota)
10	variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore)
11	carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell'impronta, interasse tra i carichi)

 <p>Carico concentrato nodale</p>	 <p>Spostamento impresso</p>
 <p>Carico distribuito globale</p>	 <p>Carico distribuito locale</p>
 <p>Carico concentrato globale</p>	 <p>Carico concentrato locale</p>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</p>

Tipo carico distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		m	kN/ m	kN/ m	kN/ m	kN	kN	kN
1	TRAMEZZATURE INTERNE - DG:Fzi=-7.60 Fzf=-7.60	0.0	0.0	0.0	-7.60	0.0	0.0	0.0
		0.0	0.0	0.0	-7.60	0.0	0.0	0.0
2	PARAPETTI IN MURATURA - DG:Fzi=-5.30 Fzf=-5.30	0.0	0.0	0.0	-5.30	0.0	0.0	0.0
		0.0	0.0	0.0	-5.30	0.0	0.0	0.0
4	carico aggiuntivo - DG:Fzi=-2.05 Fzf=-2.05	0.0	0.0	0.0	-2.05	0.0	0.0	0.0
		0.0	0.0	0.0	-2.05	0.0	0.0	0.0
5	carico aggiuntivo - DG:Fzi=-2.05 Fzf=-2.05	0.0	0.0	0.0	-2.05	0.0	0.0	0.0
		0.0	0.0	0.0	-2.05	0.0	0.0	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	Tipo	Descrizione
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)		

CDC	Tipo	Sigla Id	Note	Per non automatici:
5	Qsk	CDC=Qsk (variabile solai)		
6	Qnk	CDC=Qnk (carico da neve)		
7	Gk	CDC=G2k tramezzi interni	Azioni applicate:	Ad elementi:
			[1] TRAMEZZATURE INTERNE - DG:Fzi=-7.60 Fzf=-7.60	D2: 21, 26, 28, 46 # 47, 92, 100, 137, 140, 167, 291 # 293, 321, 324, 328 # 329, 337, 339 # 340, 346, 354, 361, 365, 369, 377, 390, 395, 403, 411, 413, 440, 455, 459, 462 # 463, 466, 471, 473 # 475
8	Gk	CDC=G2k parapetti murari	Azioni applicate:	Ad elementi:
			[2] PARAPETTI IN MURATURA - DG:Fzi=-5.30 Fzf=-5.30	D2: 193, 203 # 206, 230, 233, 236 # 238, 240 # 241, 252, 265, 269, 456
			[4] carico aggiuntivo - DG:Fzi=-2.05 Fzf=-2.05	D2: 7 # 8, 10, 357 # 359
			[5] carico aggiuntivo - DG:Fzi=-2.05 Fzf=-2.05	D2: 203 # 205
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)	
			partecipazione:1.00 per 5 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 6 CDC=Qnk (carico da neve)	
			partecipazione:1.00 per 7 CDC=G2k tramezzi interni	
			partecipazione:1.00 per 8 CDC=G2k parapetti murari	
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
13	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
14	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
15	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
16	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	
17	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico	
18	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico	
19	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico	
20	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico	

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30\text{kN}$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30\text{kN}$)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

	Coefficiente	EQU	A1	A2
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		γ_f			
<i>Carichi permanenti</i>	<i>Favorevoli</i>	γ_{G1}	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali</i>	<i>Favorevoli</i>	γ_{G2}	0,8	0,8	0,8
(Non compiutamente definiti)	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	γ_{Qi}	0,0	0,0	0,0
	<i>Sfavorevoli</i>		1,5	1,5	1,3

Cmb	Tipo	Sigla Id
1	SLU	Comb. SLU A1 1
2	SLU	Comb. SLU A1 2
3	SLU	Comb. SLU A1 3
4	SLU	Comb. SLU A1 4
5	SLU	Comb. SLU A1 5
6	SLU	Comb. SLU A1 6
7	SLU	Comb. SLU A1 7
8	SLU	Comb. SLU A1 8
9	SLU	Comb. SLU A1 9
10	SLU	Comb. SLU A1 10
11	SLU	Comb. SLU A1 11
12	SLU	Comb. SLU A1 12
13	SLU	Comb. SLU A1 13
14	SLU	Comb. SLU A1 14
15	SLU	Comb. SLU A1 (SLV sism.) 15
16	SLU	Comb. SLU A1 (SLV sism.) 16
17	SLU	Comb. SLU A1 (SLV sism.) 17
18	SLU	Comb. SLU A1 (SLV sism.) 18
19	SLU	Comb. SLU A1 (SLV sism.) 19
20	SLU	Comb. SLU A1 (SLV sism.) 20
21	SLU	Comb. SLU A1 (SLV sism.) 21
22	SLU	Comb. SLU A1 (SLV sism.) 22
23	SLU	Comb. SLU A1 (SLV sism.) 23
24	SLU	Comb. SLU A1 (SLV sism.) 24
25	SLU	Comb. SLU A1 (SLV sism.) 25
26	SLU	Comb. SLU A1 (SLV sism.) 26
27	SLU	Comb. SLU A1 (SLV sism.) 27
28	SLU	Comb. SLU A1 (SLV sism.) 28
29	SLU	Comb. SLU A1 (SLV sism.) 29
30	SLU	Comb. SLU A1 (SLV sism.) 30
31	SLU	Comb. SLU A1 (SLV sism.) 31
32	SLU	Comb. SLU A1 (SLV sism.) 32
33	SLU	Comb. SLU A1 (SLV sism.) 33
34	SLU	Comb. SLU A1 (SLV sism.) 34
35	SLU	Comb. SLU A1 (SLV sism.) 35
36	SLU	Comb. SLU A1 (SLV sism.) 36
37	SLU	Comb. SLU A1 (SLV sism.) 37
38	SLU	Comb. SLU A1 (SLV sism.) 38
39	SLU	Comb. SLU A1 (SLV sism.) 39
40	SLU	Comb. SLU A1 (SLV sism.) 40
41	SLU	Comb. SLU A1 (SLV sism.) 41
42	SLU	Comb. SLU A1 (SLV sism.) 42
43	SLU	Comb. SLU A1 (SLV sism.) 43
44	SLU	Comb. SLU A1 (SLV sism.) 44
45	SLU	Comb. SLU A1 (SLV sism.) 45
46	SLU	Comb. SLU A1 (SLV sism.) 46
47	SLE(sis)	Comb. SLE (SLD Danno sism.) 47
48	SLE(sis)	Comb. SLE (SLD Danno sism.) 48
49	SLE(sis)	Comb. SLE (SLD Danno sism.) 49
50	SLE(sis)	Comb. SLE (SLD Danno sism.) 50
51	SLE(sis)	Comb. SLE (SLD Danno sism.) 51
52	SLE(sis)	Comb. SLE (SLD Danno sism.) 52
53	SLE(sis)	Comb. SLE (SLD Danno sism.) 53
54	SLE(sis)	Comb. SLE (SLD Danno sism.) 54
55	SLE(sis)	Comb. SLE (SLD Danno sism.) 55

Cmb	Tipo	Sigla Id
56	SLE(sis)	Comb. SLE (SLD Danno sism.) 56
57	SLE(sis)	Comb. SLE (SLD Danno sism.) 57
58	SLE(sis)	Comb. SLE (SLD Danno sism.) 58
59	SLE(sis)	Comb. SLE (SLD Danno sism.) 59
60	SLE(sis)	Comb. SLE (SLD Danno sism.) 60
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64
65	SLE(sis)	Comb. SLE (SLD Danno sism.) 65
66	SLE(sis)	Comb. SLE (SLD Danno sism.) 66
67	SLE(sis)	Comb. SLE (SLD Danno sism.) 67
68	SLE(sis)	Comb. SLE (SLD Danno sism.) 68
69	SLE(sis)	Comb. SLE (SLD Danno sism.) 69
70	SLE(sis)	Comb. SLE (SLD Danno sism.) 70
71	SLE(sis)	Comb. SLE (SLD Danno sism.) 71
72	SLE(sis)	Comb. SLE (SLD Danno sism.) 72
73	SLE(sis)	Comb. SLE (SLD Danno sism.) 73
74	SLE(sis)	Comb. SLE (SLD Danno sism.) 74
75	SLE(sis)	Comb. SLE (SLD Danno sism.) 75
76	SLE(sis)	Comb. SLE (SLD Danno sism.) 76
77	SLE(sis)	Comb. SLE (SLD Danno sism.) 77
78	SLE(sis)	Comb. SLE (SLD Danno sism.) 78
79	SLE(sis)	Comb. SLE (SLO Operativo sism.) 79
80	SLE(sis)	Comb. SLE (SLO Operativo sism.) 80
81	SLE(sis)	Comb. SLE (SLO Operativo sism.) 81
82	SLE(sis)	Comb. SLE (SLO Operativo sism.) 82
83	SLE(sis)	Comb. SLE (SLO Operativo sism.) 83
84	SLE(sis)	Comb. SLE (SLO Operativo sism.) 84
85	SLE(sis)	Comb. SLE (SLO Operativo sism.) 85
86	SLE(sis)	Comb. SLE (SLO Operativo sism.) 86
87	SLE(sis)	Comb. SLE (SLO Operativo sism.) 87
88	SLE(sis)	Comb. SLE (SLO Operativo sism.) 88
89	SLE(sis)	Comb. SLE (SLO Operativo sism.) 89
90	SLE(sis)	Comb. SLE (SLO Operativo sism.) 90
91	SLE(sis)	Comb. SLE (SLO Operativo sism.) 91
92	SLE(sis)	Comb. SLE (SLO Operativo sism.) 92
93	SLE(sis)	Comb. SLE (SLO Operativo sism.) 93
94	SLE(sis)	Comb. SLE (SLO Operativo sism.) 94
95	SLE(sis)	Comb. SLE (SLO Operativo sism.) 95
96	SLE(sis)	Comb. SLE (SLO Operativo sism.) 96
97	SLE(sis)	Comb. SLE (SLO Operativo sism.) 97
98	SLE(sis)	Comb. SLE (SLO Operativo sism.) 98
99	SLE(sis)	Comb. SLE (SLO Operativo sism.) 99
100	SLE(sis)	Comb. SLE (SLO Operativo sism.) 100
101	SLE(sis)	Comb. SLE (SLO Operativo sism.) 101
102	SLE(sis)	Comb. SLE (SLO Operativo sism.) 102
103	SLE(sis)	Comb. SLE (SLO Operativo sism.) 103
104	SLE(sis)	Comb. SLE (SLO Operativo sism.) 104
105	SLE(sis)	Comb. SLE (SLO Operativo sism.) 105
106	SLE(sis)	Comb. SLE (SLO Operativo sism.) 106
107	SLE(sis)	Comb. SLE (SLO Operativo sism.) 107
108	SLE(sis)	Comb. SLE (SLO Operativo sism.) 108
109	SLE(sis)	Comb. SLE (SLO Operativo sism.) 109
110	SLE(sis)	Comb. SLE (SLO Operativo sism.) 110
111	SLE(r)	Comb. SLE(rara) 111
112	SLE(r)	Comb. SLE(rara) 112
113	SLE(r)	Comb. SLE(rara) 113
114	SLE(r)	Comb. SLE(rara) 114
115	SLE(r)	Comb. SLE(rara) 115
116	SLE(r)	Comb. SLE(rara) 116
117	SLE(r)	Comb. SLE(rara) 117
118	SLE(f)	Comb. SLE(freq.) 118
119	SLE(f)	Comb. SLE(freq.) 119
120	SLE(f)	Comb. SLE(freq.) 120
121	SLE(f)	Comb. SLE(freq.) 121
122	SLE(f)	Comb. SLE(freq.) 122
123	SLE(p)	Comb. SLE(perm.) 123
124	SLE(p)	Comb. SLE(perm.) 124

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	1.50	0.0	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
2	1.30	1.30	1.50	1.50	0.0	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
3	1.30	1.30	1.50	1.50	1.50	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
4	1.30	1.30	1.50	1.50	1.50	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
5	1.00	1.00	0.80	0.80	0.0	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
6	1.00	1.00	0.80	0.80	0.0	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
7	1.00	1.00	0.80	0.80	1.50	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
8	1.00	1.00	0.80	0.80	1.50	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
9	1.30	1.30	1.50	1.50	0.0	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
10	1.30	1.30	1.50	1.50	1.05	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
11	1.30	1.30	1.50	1.50	1.05	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
12	1.00	1.00	0.80	0.80	0.0	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
13	1.00	1.00	0.80	0.80	1.05	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
14	1.00	1.00	0.80	0.80	1.05	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
15	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
16	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
17	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
18	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
19	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
20	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
21	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
22	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
23	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
24	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
25	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
26	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
27	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
28	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
29	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
30	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
31	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
32	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
33	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
34	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
35	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
36	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
37	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	-1.00	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0								
38	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
39	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
40	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
41	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
42	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
43	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
44	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
45	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
46	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
47	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
48	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
49	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
50	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
51	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
52	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
53	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
54	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
55	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	-0.30	0.0	0.0	0.0	0.0	0.0								
56	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.30	0.0	0.0	0.0	0.0	0.0								
57	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	-0.30	0.0	0.0	0.0	0.0	0.0								
58	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.30	0.0	0.0	0.0	0.0	0.0								
59	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	-0.30	0.0	0.0	0.0	0.0								
60	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.30	0.0	0.0	0.0	0.0								
61	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	-0.30	0.0	0.0	0.0	0.0								
62	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.30	0.0	0.0	0.0	0.0								
63	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
64	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
65	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
66	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
67	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	-1.00	0.0	0.0	0.0	0.0	0.0								
68	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	1.00	0.0	0.0	0.0	0.0	0.0								
69	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	-1.00	0.0	0.0	0.0	0.0	0.0								
70	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	1.00	0.0	0.0	0.0	0.0	0.0								
71	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								
72	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
73	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
74	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
75	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	-1.00	0.0	0.0	0.0	0.0								
76	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	1.00	0.0	0.0	0.0	0.0								
77	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	-1.00	0.0	0.0	0.0	0.0								
78	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	1.00	0.0	0.0	0.0	0.0								
79	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	-0.30	0.0								
80	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.30	0.0								
81	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	-0.30	0.0								
82	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.30	0.0								
83	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.0	-0.30								
84	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.0	0.30								
85	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.0	-0.30								
86	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.0	0.30								
87	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	-0.30	0.0								
88	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.30	0.0								
89	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	-0.30	0.0								
90	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.30	0.0								
91	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.0	-0.30								
92	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.0	0.30								
93	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.0	-0.30								
94	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.0	0.30								
95	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	-1.00	0.0								
96	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	1.00	0.0								
97	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	-1.00	0.0								
98	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	1.00	0.0								
99	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	-1.00	0.0								
100	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	1.00	0.0								
101	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	-1.00	0.0								
102	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	1.00	0.0								
103	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	0.0	-1.00								
104	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	0.0	1.00								
105	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	0.0	-1.00								
106	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	0.0	1.00								
107	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	0.0	-1.00								
108	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	0.0	1.00								
109	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	0.0	-1.00								
110	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.30	0.0	1.00								
111	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
112	1.00	1.00	1.00	1.00	0.0	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
113	1.00	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
114	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
115	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
116	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
117	1.00	1.00	1.00	1.00	0.70	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
118	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
119	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
120	1.00	1.00	1.00	1.00	0.0	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
121	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
122	1.00	1.00	1.00	1.00	0.60	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
123	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
124	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento V_r che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento V_r e la probabilità di superamento P_{ver} associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno T_r e i relativi parametri di pericolosità sismica (vedi tabella successiva):

ag: accelerazione orizzontale massima del terreno;

Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Si riportano di seguito, per completezza, le videate delle opzioni così come impostate nel programma:

Classe d'uso

- ☐ I edifici di minor importanza per la sicurezza pubblica [edifici agricoli...]
- ☐ II edifici ordinari
- ☒ III edifici importanti in relazione alle conseguenze di un eventuale collasso (scuole, teatri...)
- ☐ IV edifici la cui funzionalità ha importanza fondamentale per la protezione civile (ospedali, municipi...)

Pericolosità e zonazione

pericolosità sismica

agS per SLV: 0.203

Modalità di progettazione semplificata per $agS < 0.075$ ☒

Strutture esistenti

- ☒ LC1: conoscenza limitata
- ☐ LC2: conoscenza adeguata
- ☐ LC3: conoscenza accurata

Fattore di confidenza FC: 1.35

Categoria di suolo di fondazione <input type="radio"/> A Ammassi rocciosi affioranti o terreni molto rigidi ... <input checked="" type="radio"/> B Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti ... <input type="radio"/> C Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti ... <input type="radio"/> D Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti ... <input type="radio"/> E Terreni con caratteristiche e valori di velocità equivalente riconducibili a quelle definite per le categorie C o D ...	Categoria topografica <input checked="" type="radio"/> T1 <input type="radio"/> T2 in sommità al pendio <input type="radio"/> T3 in cresta al rilievo con moderata <input type="radio"/> T4 in cresta al rilievo <input type="text" value="100"/> quota relativa (%)
Spettri di progetto <input checked="" type="checkbox"/> Usa spettri esterni <input type="button" value="Sfoglia..."/>	

Parametri e fattori spettrali								Duttilità <input type="radio"/> ND - non dissipativa <input checked="" type="radio"/> B - media <input type="radio"/> A - alta
S.L.	ag	S	Fo	Fv	TB	TC	TD	Regolarità <input type="checkbox"/> in pianta <input type="checkbox"/> in altezza Edifici isolati <input type="text" value="2.0"/> T is <input type="text" value="10.0"/> s esi <input type="button" value="Info..."/>
SLO	<input type="text" value="0.062"/>	<input type="text" value="1.200"/>	<input type="text" value="2.480"/>	<input type="text" value="0.832"/>	<input type="text" value="0.131"/>	<input type="text" value="0.393"/>	<input type="text" value="1.847"/>	
SLD	<input type="text" value="0.076"/>	<input type="text" value="1.200"/>	<input type="text" value="2.476"/>	<input type="text" value="0.921"/>	<input type="text" value="0.133"/>	<input type="text" value="0.400"/>	<input type="text" value="1.904"/>	
SLV	<input type="text" value="0.169"/>	<input type="text" value="1.200"/>	<input type="text" value="2.519"/>	<input type="text" value="1.397"/>	<input type="text" value="0.145"/>	<input type="text" value="0.435"/>	<input type="text" value="2.275"/>	
SLC	<input type="text" value="0.207"/>	<input type="text" value="1.188"/>	<input type="text" value="2.561"/>	<input type="text" value="1.572"/>	<input type="text" value="0.148"/>	<input type="text" value="0.445"/>	<input type="text" value="2.427"/>	
Verticale per tutti:		<input type="text" value="1.000"/>			<input type="text" value="0.050"/>	<input type="text" value="0.150"/>	<input type="text" value="1.000"/>	
eta SLO	q SLD x	q SLD y	q SLD z	q SLU x	q SLU y	q SLU z		
<input type="text" value="1.0"/>	<input type="text" value="1.5"/>	<input type="text" value="1.5"/>	<input type="text" value="1.0"/>	<input type="text" value="2.76"/>	<input type="text" value="2.76"/>	<input type="text" value="1.5"/>	<input type="button" value="Aiuto..."/>	
<input type="button" value="Smorzamento..."/>				<input type="text" value="1.0"/>	<input type="text" value="1.0"/>	<= Esistenti v. fragili		

Dati comuni per le analisi Quota spiccato [cm] <input type="text" value="0.0"/> Contributo carichi in fondazione <input type="checkbox"/> Eccentricità aggiuntiva X: <input type="text" value="10"/> Y: <input type="text" value="5"/> ex. muratura Spost. relativo rapp. SLC/SLD <input type="text" value="5"/>	Dati per analisi statica lineare e non lineare Altezza edificio [cm] <input type="text" value="2110.0"/> Fatt. Lambda [0.85 - 1] <input type="text" value="0.85"/> Periodo T1 [primo modo] <input type="text" value="0.497"/> Sd (T1) - SLU <input type="text" value="0.163"/> Se (T1) - SLD <input type="text" value="0.159"/> Rapp T1/TrZ <input type="text" value="1.209"/> Accelerazione uniforme [Fi=Ph] <input type="checkbox"/> NO Eccentricità convenzionale con momenti Mz <input type="checkbox"/> NO Usa spostamenti medi di piano per pushover <input checked="" type="checkbox"/> SI
Dati per analisi dinamica N. modi <input type="text" value="20"/> N. modi rigidi <input type="text" value="0"/>	dir. x-x <input type="text" value="0.474"/> dir. y-y <input type="text" value="0.171"/> dir. z-z <input type="text" value="0.084"/> suggerito: <input type="checkbox"/> NO <input checked="" type="checkbox"/> SI

C.D.C. sismico		Nodo cont.	0	(**)
C.D.C.				
Analisi modale di riferimento		Sfoggia...	Modo rifer.	0 (**)

Sisma	LC 1	LC 2	LC 3	LC 4	LC 5 [*]	LC 6 [*]
LC U 9	1.00	1.00	1.00	1.00	1.00	1.00
LC U 10	1.00	1.00	1.00	1.00	1.00	1.00
LC U 11	1.00	1.00	1.00	1.00	1.00	1.00
LC U 12	1.00	1.00	1.00	1.00	1.00	1.00
LC U 13	1.00	1.00	1.00	1.00	1.00	1.00
LC D 14	1.00	1.00	1.00	1.00	1.00	1.00

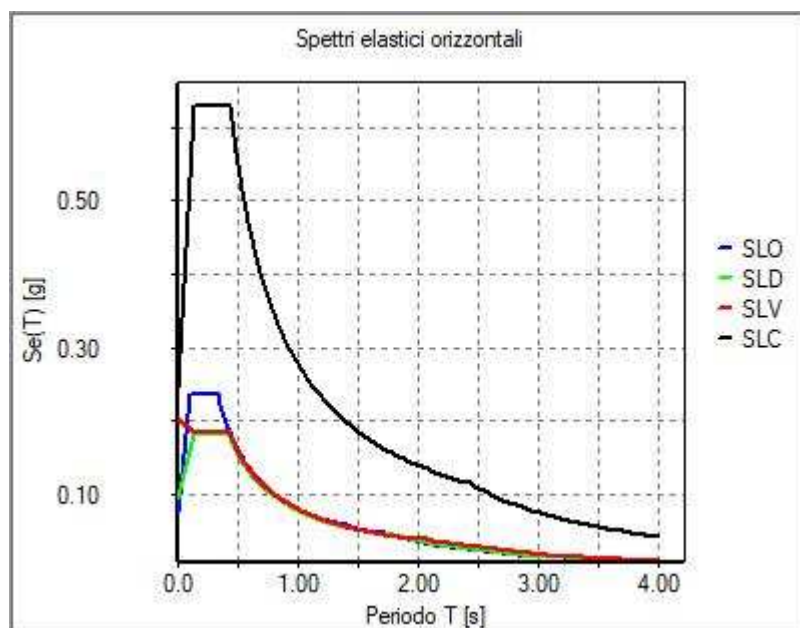
NOTA: (*) coefficienti per carichi variabili Q
cdc Qk : utilizzare psi 2
cdc Qsk/Qnk : utilizzare di regola 1 (psi 2 da archivio carico)

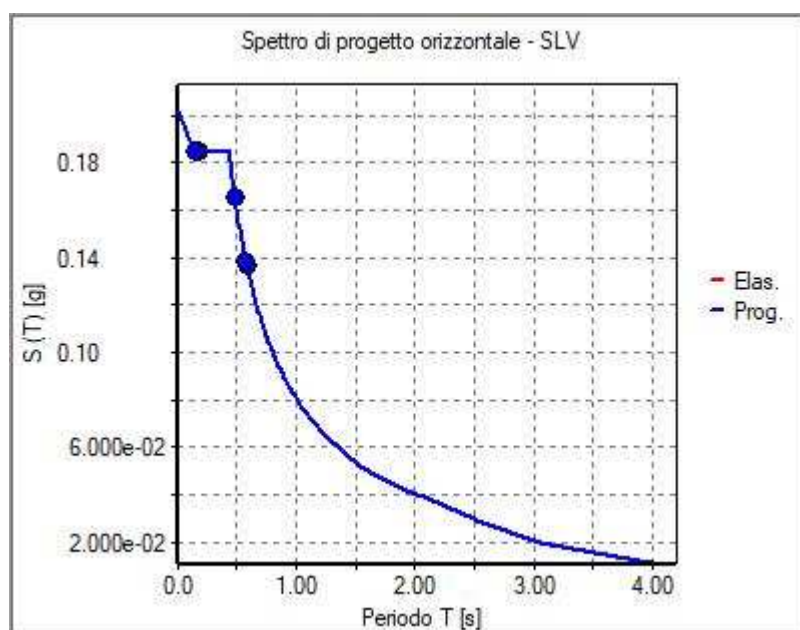
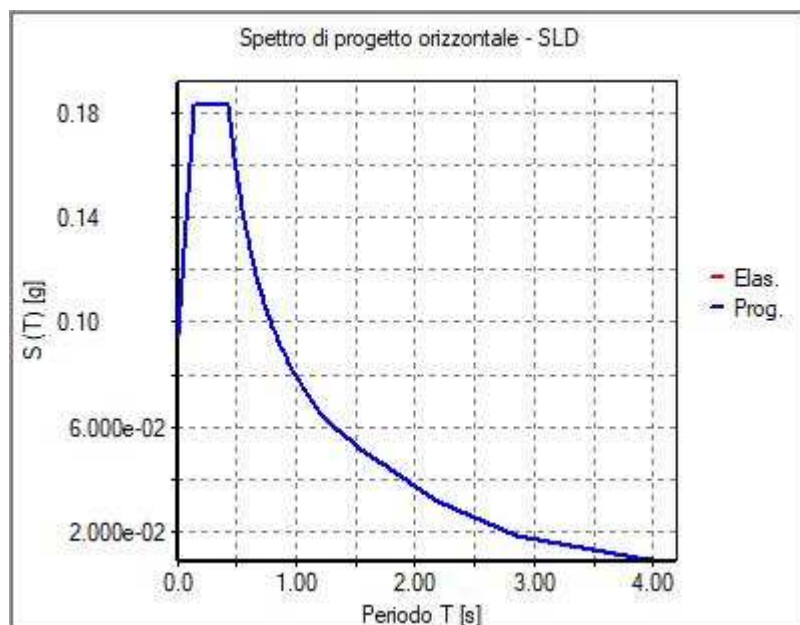
(**) 0 per default in pushover

Definizione masse automatica

Di seguito si riportano gli spettri utilizzati.

Pericolosità da RSL	
File spettro in input	
SLO_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_x.txt
SLO_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_y.txt
SLO_z	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_z.txt
SLD_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_d_x.txt
SLD_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_d_y.txt
SLV_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_v_x.txt
SLV_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_v_y.txt





RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione q/q_{ND} delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
Fattore di sito S		Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD		Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo T1	proprio	Periodo proprio di vibrazione della struttura
Coefficiente Lambda		Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata Sd(T1)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata Se(T1)	spettro	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata S (Tb-Tc)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
N°di considerati	modi	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

fattori di comportamento secondo il D.M. 17/01/2018

Fattori di comportamento utilizzati SLU			
	Dissipativi	Verifiche fragili	Non Dissipativi
q SLU x	2.76	1.00	1.50
q SLU y	2.76	1.00	1.50
q SLU z	1.50	-	-

Fattori di comportamento utilizzati SLD	
q SLD x	1.50
q SLD y	1.50
q SLD z	1.00
Eta SLO	1.00

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.616 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	-0.36	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	0.0	-1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	-1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	-1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	-1.77	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.622	0.616	0.131	2.555e+04	63.8	1175.96	2.9	0.18	4.56e-04	0.0	0.0
2	1.715	0.583	0.139	1913.51	4.8	3.016e+04	75.3	7.53e-04	1.88e-06	0.0	0.0
3	2.131	0.469	0.173	4517.68	11.3	1038.39	2.6	0.58	1.46e-03	0.0	0.0
4	5.061	0.198	0.185	4091.24	10.2	366.77	0.9	0.05	1.13e-04	0.0	0.0
5	5.383	0.186	0.185	576.71	1.4	4542.72	11.3	0.06	1.53e-04	0.0	0.0
6	6.557	0.153	0.185	535.22	1.3	194.58	0.5	0.51	1.27e-03	0.0	0.0
7	8.044	0.124	0.188	13.17	3.29e-02	1.42	3.56e-03	3.11	7.78e-03	0.0	0.0
8	8.285	0.121	0.188	4.78	1.19e-02	1.62	4.04e-03	543.26	1.4	0.0	0.0
9	8.601	0.116	0.189	0.95	2.36e-03	0.84	2.10e-03	651.70	1.6	0.0	0.0
10	8.743	0.114	0.189	1337.11	3.3	221.63	0.6	0.45	1.13e-03	0.0	0.0
11	8.902	0.112	0.189	0.19	4.68e-04	0.26	6.42e-04	211.93	0.5	0.0	0.0
12	9.279	0.108	0.190	337.75	0.8	1315.01	3.3	7.09e-03	1.77e-05	0.0	0.0
13	9.778	0.102	0.190	2.99	7.45e-03	0.29	7.35e-04	251.69	0.6	0.0	0.0
14	9.923	0.101	0.191	32.19	8.04e-02	20.74	5.18e-02	11.76	2.94e-02	0.0	0.0
15	10.082	0.099	0.191	0.03	6.47e-05	0.19	4.85e-04	163.13	0.4	0.0	0.0
16	10.358	0.097	0.191	2.84	7.08e-03	34.93	8.72e-02	25.45	6.35e-02	0.0	0.0
17	10.420	0.096	0.191	1.81	4.53e-03	3.85	9.61e-03	46.62	0.1	0.0	0.0
18	10.629	0.094	0.191	2.31	5.77e-03	9.02	2.25e-02	2.00	5.00e-03	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
19	10.727	0.093	0.191	0.65	1.62e-03	76.17	0.2	327.30	0.8	0.0	0.0
20	10.843	0.092	0.192	4.30	1.07e-02	3.48	8.69e-03	224.10	0.6	0.0	0.0
Risulta				3.892e+04		3.917e+04		2463.91			
In percentuale				97.18		97.80		6.15			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.578 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	0.36	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	0.0	1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	1.77	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.690	0.592	0.137	1.490e+04	37.2	1.609e+04	40.2	0.12	2.99e-04	0.0	0.0
2	1.731	0.578	0.140	1.709e+04	42.7	1.478e+04	36.9	0.37	9.29e-04	0.0	0.0
3	2.041	0.490	0.165	86.71	0.2	1499.44	3.7	0.12	3.08e-04	0.0	0.0
4	5.320	0.188	0.185	605.75	1.5	4155.26	10.4	0.13	3.27e-04	0.0	0.0
5	5.428	0.184	0.185	4606.87	11.5	589.14	1.5	0.33	8.28e-04	0.0	0.0
6	6.310	0.158	0.185	29.56	7.38e-02	357.70	0.9	0.23	5.71e-04	0.0	0.0
7	6.717	0.149	0.185	1.12	2.81e-03	0.71	1.76e-03	0.43	1.08e-03	0.0	0.0
8	8.286	0.121	0.188	0.81	2.02e-03	0.95	2.36e-03	546.42	1.4	0.0	0.0
9	8.601	0.116	0.189	0.25	6.16e-04	1.37	3.41e-03	653.17	1.6	0.0	0.0
10	8.901	0.112	0.189	0.19	4.79e-04	2.31	5.78e-03	211.49	0.5	0.0	0.0
11	9.114	0.110	0.189	38.02	9.49e-02	1369.76	3.4	1.10	2.76e-03	0.0	0.0
12	9.395	0.106	0.190	1429.55	3.6	57.31	0.1	0.22	5.61e-04	0.0	0.0
13	9.805	0.102	0.190	14.37	3.59e-02	27.58	6.89e-02	295.34	0.7	0.0	0.0
14	10.144	0.099	0.191	88.28	0.2	15.57	3.89e-02	112.03	0.3	0.0	0.0
15	10.330	0.097	0.191	13.78	3.44e-02	30.69	7.66e-02	93.08	0.2	0.0	0.0
16	10.439	0.096	0.191	148.09	0.4	25.95	6.48e-02	13.77	3.44e-02	0.0	0.0
17	10.536	0.095	0.191	59.15	0.1	2.53	6.33e-03	5.01	1.25e-02	0.0	0.0
18	10.690	0.094	0.191	3.13	7.82e-03	215.50	0.5	183.55	0.5	0.0	0.0
19	10.799	0.093	0.192	17.82	4.45e-02	15.64	3.90e-02	168.39	0.4	0.0	0.0
20	10.831	0.092	0.192	27.16	6.78e-02	1.94	4.84e-03	143.64	0.4	0.0	0.0
Risulta				3.916e+04		3.924e+04		2428.98			
In percentuale				97.77		97.98		6.06			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.576 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spetttrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.677	0.596	0.136	2.199e+04	54.9	8135.67	20.3	0.11	2.76e-04	0.0	0.0
2	1.735	0.576	0.141	8497.22	21.2	2.382e+04	59.5	0.29	7.24e-04	0.0	0.0
3	2.039	0.491	0.165	1545.61	3.9	392.70	1.0	0.26	6.45e-04	0.0	0.0
4	5.299	0.189	0.185	3889.58	9.7	1103.61	2.8	0.14	3.42e-04	0.0	0.0
5	5.403	0.185	0.185	1094.44	2.7	3983.21	9.9	0.08	1.95e-04	0.0	0.0
6	6.274	0.159	0.185	262.82	0.7	17.54	4.38e-02	0.45	1.13e-03	0.0	0.0
7	7.323	0.137	0.186	5.01	1.25e-02	2.31	5.78e-03	0.65	1.63e-03	0.0	0.0
8	8.286	0.121	0.188	1.22	3.04e-03	0.78	1.95e-03	547.69	1.4	0.0	0.0
9	8.601	0.116	0.189	0.51	1.27e-03	1.16	2.91e-03	656.41	1.6	0.0	0.0
10	8.902	0.112	0.189	0.33	8.26e-04	0.83	2.08e-03	213.02	0.5	0.0	0.0
11	9.225	0.108	0.190	773.23	1.9	914.08	2.3	0.03	8.52e-05	0.0	0.0
12	9.256	0.108	0.190	852.68	2.1	710.47	1.8	0.19	4.66e-04	0.0	0.0
13	10.029	0.100	0.191	0.21	5.16e-04	0.01	3.33e-05	444.90	1.1	0.0	0.0
14	10.224	0.098	0.191	0.51	1.28e-03	0.09	2.34e-04	1.28	3.19e-03	0.0	0.0
15	10.392	0.096	0.191	4.57	1.14e-02	2.37	5.93e-03	4.58	1.14e-02	0.0	0.0
16	10.650	0.094	0.191	11.34	2.83e-02	88.17	0.2	380.19	0.9	0.0	0.0
17	10.763	0.093	0.191	18.73	4.68e-02	16.20	4.04e-02	2.58	6.45e-03	0.0	0.0
18	11.052	0.090	0.192	133.82	0.3	7.85	1.96e-02	0.65	1.61e-03	0.0	0.0
19	11.064	0.090	0.192	54.54	0.1	0.34	8.38e-04	0.18	4.62e-04	0.0	0.0
20	11.191	0.089	0.192	40.51	0.1	9.11	2.28e-02	15.14	3.78e-02	0.0	0.0
Risulta				3.918e+04		3.921e+04		2268.83			
In percentuale				97.81		97.90		5.66			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.614 s
			classe di duttilità CD: B

CDC	Tipo	Sigla Id	Note
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	-0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	-1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	-1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	-1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	-1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.629	0.614	0.132	2741.16	6.8	2.392e+04	59.7	0.04	1.11e-04	0.0	0.0
2	1.703	0.587	0.138	2.834e+04	70.8	3677.21	9.2	0.27	6.83e-04	0.0	0.0
3	2.157	0.464	0.175	948.39	2.4	4799.73	12.0	0.40	9.90e-04	0.0	0.0
4	5.061	0.198	0.185	538.39	1.3	3666.87	9.2	0.01	3.40e-05	0.0	0.0
5	5.372	0.186	0.185	4596.05	11.5	656.57	1.6	0.29	7.26e-04	0.0	0.0
6	6.636	0.151	0.185	99.37	0.2	749.99	1.9	0.39	9.69e-04	0.0	0.0
7	7.268	0.138	0.186	1.61	4.02e-03	5.52	1.38e-02	1.29	3.22e-03	0.0	0.0
8	8.285	0.121	0.188	2.49	6.23e-03	6.65	1.66e-02	543.88	1.4	0.0	0.0
9	8.584	0.116	0.189	48.80	0.1	696.48	1.7	231.01	0.6	0.0	0.0
10	8.612	0.116	0.189	47.63	0.1	457.39	1.1	410.61	1.0	0.0	0.0
11	8.902	0.112	0.189	4.19e-04	1.05e-06	1.03	2.57e-03	212.03	0.5	0.0	0.0
12	9.236	0.108	0.190	1474.81	3.7	43.48	0.1	0.20	4.99e-04	0.0	0.0
13	9.380	0.107	0.190	0.05	1.37e-04	56.62	0.1	154.34	0.4	0.0	0.0
14	9.601	0.104	0.190	1.26	3.16e-03	90.83	0.2	11.31	2.82e-02	0.0	0.0
15	9.896	0.101	0.190	121.34	0.3	26.79	6.69e-02	4.90	1.22e-02	0.0	0.0
16	9.993	0.100	0.191	9.45	2.36e-02	53.55	0.1	292.20	0.7	0.0	0.0
17	10.263	0.097	0.191	0.70	1.75e-03	52.11	0.1	34.63	8.65e-02	0.0	0.0
18	10.325	0.097	0.191	55.09	0.1	171.92	0.4	6.33	1.58e-02	0.0	0.0
19	10.465	0.096	0.191	1.13	2.82e-03	2.73	6.81e-03	4.87	1.22e-02	0.0	0.0
20	10.722	0.093	0.191	7.73e-03	1.93e-05	58.04	0.1	208.40	0.5	0.0	0.0
Risulta				3.903e+04		3.920e+04		2117.40			
In percentuale				97.44		97.86		5.29			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.616 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	-0.36	5.69	21.60	1.272	0.012	0.002

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
16.50	8179.64	8.31	19.27	0.0	-1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	-1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	-1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	-1.77	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.622	0.616	0.128	2.555e+04	63.8	1175.96	2.9	0.18	4.56e-04	0.0	0.0
2	1.715	0.583	0.136	1913.51	4.8	3.016e+04	75.3	7.53e-04	1.88e-06	0.0	0.0
3	2.131	0.469	0.169	4517.68	11.3	1038.39	2.6	0.58	1.46e-03	0.0	0.0
4	5.061	0.198	0.182	4091.24	10.2	366.77	0.9	0.05	1.13e-04	0.0	0.0
5	5.383	0.186	0.182	576.71	1.4	4542.72	11.3	0.06	1.53e-04	0.0	0.0
6	6.557	0.153	0.182	535.22	1.3	194.58	0.5	0.51	1.27e-03	0.0	0.0
7	8.044	0.124	0.170	13.17	3.29e-02	1.42	3.56e-03	3.11	7.78e-03	0.0	0.0
8	8.285	0.121	0.168	4.78	1.19e-02	1.62	4.04e-03	543.26	1.4	0.0	0.0
9	8.601	0.116	0.165	0.95	2.36e-03	0.84	2.10e-03	651.70	1.6	0.0	0.0
10	8.743	0.114	0.164	1337.11	3.3	221.63	0.6	0.45	1.13e-03	0.0	0.0
11	8.902	0.112	0.163	0.19	4.68e-04	0.26	6.42e-04	211.93	0.5	0.0	0.0
12	9.279	0.108	0.160	337.75	0.8	1315.01	3.3	7.09e-03	1.77e-05	0.0	0.0
13	9.778	0.102	0.157	2.99	7.45e-03	0.29	7.35e-04	251.69	0.6	0.0	0.0
14	9.923	0.101	0.156	32.19	8.04e-02	20.74	5.18e-02	11.76	2.94e-02	0.0	0.0
15	10.082	0.099	0.155	0.03	6.47e-05	0.19	4.85e-04	163.13	0.4	0.0	0.0
16	10.358	0.097	0.153	2.84	7.08e-03	34.93	8.72e-02	25.45	6.35e-02	0.0	0.0
17	10.420	0.096	0.153	1.81	4.53e-03	3.85	9.61e-03	46.62	0.1	0.0	0.0
18	10.629	0.094	0.152	2.31	5.77e-03	9.02	2.25e-02	2.00	5.00e-03	0.0	0.0
19	10.727	0.093	0.151	0.65	1.62e-03	76.17	0.2	327.30	0.8	0.0	0.0
20	10.843	0.092	0.151	4.30	1.07e-02	3.48	8.69e-03	224.10	0.6	0.0	0.0
Risulta				3.892e+04		3.917e+04		2463.91			
In percentuale				97.18		97.80		6.15			

CDC	Tipo	Sigla Id	Note
14	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.578 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	0.36	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	0.0	1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	1.77	10.57	20.06	1.341	0.157	0.140

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
2.77	229.87	3.99	23.47	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.690	0.592	0.134	1.490e+04	37.2	1.609e+04	40.2	0.12	2.99e-04	0.0	0.0
2	1.731	0.578	0.137	1.709e+04	42.7	1.478e+04	36.9	0.37	9.29e-04	0.0	0.0
3	2.041	0.490	0.162	86.71	0.2	1499.44	3.7	0.12	3.08e-04	0.0	0.0
4	5.320	0.188	0.182	605.75	1.5	4155.26	10.4	0.13	3.27e-04	0.0	0.0
5	5.428	0.184	0.182	4606.87	11.5	589.14	1.5	0.33	8.28e-04	0.0	0.0
6	6.310	0.158	0.182	29.56	7.38e-02	357.70	0.9	0.23	5.71e-04	0.0	0.0
7	6.717	0.149	0.182	1.12	2.81e-03	0.71	1.76e-03	0.43	1.08e-03	0.0	0.0
8	8.286	0.121	0.168	0.81	2.02e-03	0.95	2.36e-03	546.42	1.4	0.0	0.0
9	8.601	0.116	0.165	0.25	6.16e-04	1.37	3.41e-03	653.17	1.6	0.0	0.0
10	8.901	0.112	0.163	0.19	4.79e-04	2.31	5.78e-03	211.49	0.5	0.0	0.0
11	9.114	0.110	0.161	38.02	9.49e-02	1369.76	3.4	1.10	2.76e-03	0.0	0.0
12	9.395	0.106	0.159	1429.55	3.6	57.31	0.1	0.22	5.61e-04	0.0	0.0
13	9.805	0.102	0.157	14.37	3.59e-02	27.58	6.89e-02	295.34	0.7	0.0	0.0
14	10.144	0.099	0.154	88.28	0.2	15.57	3.89e-02	112.03	0.3	0.0	0.0
15	10.330	0.097	0.153	13.78	3.44e-02	30.69	7.66e-02	93.08	0.2	0.0	0.0
16	10.439	0.096	0.153	148.09	0.4	25.95	6.48e-02	13.77	3.44e-02	0.0	0.0
17	10.536	0.095	0.152	59.15	0.1	2.53	6.33e-03	5.01	1.25e-02	0.0	0.0
18	10.690	0.094	0.151	3.13	7.82e-03	215.50	0.5	183.55	0.5	0.0	0.0
19	10.799	0.093	0.151	17.82	4.45e-02	15.64	3.90e-02	168.39	0.4	0.0	0.0
20	10.831	0.092	0.151	27.16	6.78e-02	1.94	4.84e-03	143.64	0.4	0.0	0.0
Risulta				3.916e+04		3.924e+04		2428.98			
In percentuale				97.77		97.98		6.06			

CDC	Tipo	Sigla Id	Note
15	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.576 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.677	0.596	0.133	2.199e+04	54.9	8135.67	20.3	0.11	2.76e-04	0.0	0.0
2	1.735	0.576	0.137	8497.22	21.2	2.382e+04	59.5	0.29	7.24e-04	0.0	0.0
3	2.039	0.491	0.161	1545.61	3.9	392.70	1.0	0.26	6.45e-04	0.0	0.0
4	5.299	0.189	0.182	3889.58	9.7	1103.61	2.8	0.14	3.42e-04	0.0	0.0
5	5.403	0.185	0.182	1094.44	2.7	3983.21	9.9	0.08	1.95e-04	0.0	0.0
6	6.274	0.159	0.182	262.82	0.7	17.54	4.38e-02	0.45	1.13e-03	0.0	0.0
7	7.323	0.137	0.177	5.01	1.25e-02	2.31	5.78e-03	0.65	1.63e-03	0.0	0.0
8	8.286	0.121	0.168	1.22	3.04e-03	0.78	1.95e-03	547.69	1.4	0.0	0.0
9	8.601	0.116	0.165	0.51	1.27e-03	1.16	2.91e-03	656.41	1.6	0.0	0.0
10	8.902	0.112	0.163	0.33	8.26e-04	0.83	2.08e-03	213.02	0.5	0.0	0.0
11	9.225	0.108	0.160	773.23	1.9	914.08	2.3	0.03	8.52e-05	0.0	0.0
12	9.256	0.108	0.160	852.68	2.1	710.47	1.8	0.19	4.66e-04	0.0	0.0
13	10.029	0.100	0.155	0.21	5.16e-04	0.01	3.33e-05	444.90	1.1	0.0	0.0
14	10.224	0.098	0.154	0.51	1.28e-03	0.09	2.34e-04	1.28	3.19e-03	0.0	0.0
15	10.392	0.096	0.153	4.57	1.14e-02	2.37	5.93e-03	4.58	1.14e-02	0.0	0.0
16	10.650	0.094	0.152	11.34	2.83e-02	88.17	0.2	380.19	0.9	0.0	0.0
17	10.763	0.093	0.151	18.73	4.68e-02	16.20	4.04e-02	2.58	6.45e-03	0.0	0.0
18	11.052	0.090	0.150	133.82	0.3	7.85	1.96e-02	0.65	1.61e-03	0.0	0.0
19	11.064	0.090	0.150	54.54	0.1	0.34	8.38e-04	0.18	4.62e-04	0.0	0.0
20	11.191	0.089	0.149	40.51	0.1	9.11	2.28e-02	15.14	3.78e-02	0.0	0.0
Risulta				3.918e+04		3.921e+04		2268.83			
In percentuale				97.81		97.90		5.66			

CDC	Tipo	Sigla Id	Note
16	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.614 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	-0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	-1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	-1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	-1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	-1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.629	0.614	0.129	2741.16	6.8	2.392e+04	59.7	0.04	1.11e-04	0.0	0.0
2	1.703	0.587	0.135	2.834e+04	70.8	3677.21	9.2	0.27	6.83e-04	0.0	0.0
3	2.157	0.464	0.171	948.39	2.4	4799.73	12.0	0.40	9.90e-04	0.0	0.0
4	5.061	0.198	0.182	538.39	1.3	3666.87	9.2	0.01	3.40e-05	0.0	0.0
5	5.372	0.186	0.182	4596.05	11.5	656.57	1.6	0.29	7.26e-04	0.0	0.0
6	6.636	0.151	0.182	99.37	0.2	749.99	1.9	0.39	9.69e-04	0.0	0.0
7	7.268	0.138	0.178	1.61	4.02e-03	5.52	1.38e-02	1.29	3.22e-03	0.0	0.0
8	8.285	0.121	0.168	2.49	6.23e-03	6.65	1.66e-02	543.88	1.4	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
9	8.584	0.116	0.165	48.80	0.1	696.48	1.7	231.01	0.6	0.0	0.0
10	8.612	0.116	0.165	47.63	0.1	457.39	1.1	410.61	1.0	0.0	0.0
11	8.902	0.112	0.163	4.19e-04	1.05e-06	1.03	2.57e-03	212.03	0.5	0.0	0.0
12	9.236	0.108	0.160	1474.81	3.7	43.48	0.1	0.20	4.99e-04	0.0	0.0
13	9.380	0.107	0.159	0.05	1.37e-04	56.62	0.1	154.34	0.4	0.0	0.0
14	9.601	0.104	0.158	1.26	3.16e-03	90.83	0.2	11.31	2.82e-02	0.0	0.0
15	9.896	0.101	0.156	121.34	0.3	26.79	6.69e-02	4.90	1.22e-02	0.0	0.0
16	9.993	0.100	0.155	9.45	2.36e-02	53.55	0.1	292.20	0.7	0.0	0.0
17	10.263	0.097	0.154	0.70	1.75e-03	52.11	0.1	34.63	8.65e-02	0.0	0.0
18	10.325	0.097	0.153	55.09	0.1	171.92	0.4	6.33	1.58e-02	0.0	0.0
19	10.465	0.096	0.153	1.13	2.82e-03	2.73	6.81e-03	4.87	1.22e-02	0.0	0.0
20	10.722	0.093	0.151	7.73e-03	1.93e-05	58.04	0.1	208.40	0.5	0.0	0.0
Risulta				3.903e+04		3.920e+04		2117.40			
In percentuale				97.44		97.86		5.29			

CDC	Tipo	Sigla Id	Note
17	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.616 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	-0.36	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	0.0	-1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	-1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	-1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	-1.77	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.622	0.616	0.132	2.555e+04	63.8	1175.96	2.9	0.18	4.56e-04	0.0	0.0
2	1.715	0.583	0.139	1913.51	4.8	3.016e+04	75.3	7.53e-04	1.88e-06	0.0	0.0
3	2.131	0.469	0.173	4517.68	11.3	1038.39	2.6	0.58	1.46e-03	0.0	0.0
4	5.061	0.198	0.238	4091.24	10.2	366.77	0.9	0.05	1.13e-04	0.0	0.0
5	5.383	0.186	0.238	576.71	1.4	4542.72	11.3	0.06	1.53e-04	0.0	0.0
6	6.557	0.153	0.238	535.22	1.3	194.58	0.5	0.51	1.27e-03	0.0	0.0
7	8.044	0.124	0.238	13.17	3.29e-02	1.42	3.56e-03	3.11	7.78e-03	0.0	0.0
8	8.285	0.121	0.238	4.78	1.19e-02	1.62	4.04e-03	543.26	1.4	0.0	0.0
9	8.601	0.116	0.238	0.95	2.36e-03	0.84	2.10e-03	651.70	1.6	0.0	0.0
10	8.743	0.114	0.238	1337.11	3.3	221.63	0.6	0.45	1.13e-03	0.0	0.0
11	8.902	0.112	0.236	0.19	4.68e-04	0.26	6.42e-04	211.93	0.5	0.0	0.0
12	9.279	0.108	0.229	337.75	0.8	1315.01	3.3	7.09e-03	1.77e-05	0.0	0.0
13	9.778	0.102	0.221	2.99	7.45e-03	0.29	7.35e-04	251.69	0.6	0.0	0.0
14	9.923	0.101	0.219	32.19	8.04e-02	20.74	5.18e-02	11.76	2.94e-02	0.0	0.0
15	10.082	0.099	0.217	0.03	6.47e-05	0.19	4.85e-04	163.13	0.4	0.0	0.0
16	10.358	0.097	0.213	2.84	7.08e-03	34.93	8.72e-02	25.45	6.35e-02	0.0	0.0
17	10.420	0.096	0.212	1.81	4.53e-03	3.85	9.61e-03	46.62	0.1	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
18	10.629	0.094	0.210	2.31	5.77e-03	9.02	2.25e-02	2.00	5.00e-03	0.0	0.0
19	10.727	0.093	0.208	0.65	1.62e-03	76.17	0.2	327.30	0.8	0.0	0.0
20	10.843	0.092	0.207	4.30	1.07e-02	3.48	8.69e-03	224.10	0.6	0.0	0.0
Risulta				3.892e+04		3.917e+04		2463.91			
In percentuale				97.18		97.80		6.15			

CDC	Tipo	Sigla Id	Note
18	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.578 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.0	0.36	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	0.0	1.59	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.0	0.12	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	0.0	1.59	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	0.0	1.59	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.0	0.12	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.0	0.12	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	0.0	1.77	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.690	0.592	0.137	1.490e+04	37.2	1.609e+04	40.2	0.12	2.99e-04	0.0	0.0
2	1.731	0.578	0.141	1.709e+04	42.7	1.478e+04	36.9	0.37	9.29e-04	0.0	0.0
3	2.041	0.490	0.166	86.71	0.2	1499.44	3.7	0.12	3.08e-04	0.0	0.0
4	5.320	0.188	0.238	605.75	1.5	4155.26	10.4	0.13	3.27e-04	0.0	0.0
5	5.428	0.184	0.238	4606.87	11.5	589.14	1.5	0.33	8.28e-04	0.0	0.0
6	6.310	0.158	0.238	29.56	7.38e-02	357.70	0.9	0.23	5.71e-04	0.0	0.0
7	6.717	0.149	0.238	1.12	2.81e-03	0.71	1.76e-03	0.43	1.08e-03	0.0	0.0
8	8.286	0.121	0.238	0.81	2.02e-03	0.95	2.36e-03	546.42	1.4	0.0	0.0
9	8.601	0.116	0.238	0.25	6.16e-04	1.37	3.41e-03	653.17	1.6	0.0	0.0
10	8.901	0.112	0.236	0.19	4.79e-04	2.31	5.78e-03	211.49	0.5	0.0	0.0
11	9.114	0.110	0.232	38.02	9.49e-02	1369.76	3.4	1.10	2.76e-03	0.0	0.0
12	9.395	0.106	0.227	1429.55	3.6	57.31	0.1	0.22	5.61e-04	0.0	0.0
13	9.805	0.102	0.221	14.37	3.59e-02	27.58	6.89e-02	295.34	0.7	0.0	0.0
14	10.144	0.099	0.216	88.28	0.2	15.57	3.89e-02	112.03	0.3	0.0	0.0
15	10.330	0.097	0.214	13.78	3.44e-02	30.69	7.66e-02	93.08	0.2	0.0	0.0
16	10.439	0.096	0.212	148.09	0.4	25.95	6.48e-02	13.77	3.44e-02	0.0	0.0
17	10.536	0.095	0.211	59.15	0.1	2.53	6.33e-03	5.01	1.25e-02	0.0	0.0
18	10.690	0.094	0.209	3.13	7.82e-03	215.50	0.5	183.55	0.5	0.0	0.0
19	10.799	0.093	0.208	17.82	4.45e-02	15.64	3.90e-02	168.39	0.4	0.0	0.0
20	10.831	0.092	0.207	27.16	6.78e-02	1.94	4.84e-03	143.64	0.4	0.0	0.0
Risulta				3.916e+04		3.924e+04		2428.98			
In percentuale				97.77		97.98		6.06			

CDC	Tipo	Sigla Id	Note
19	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.614 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	-0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	-1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	-1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	-1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	-1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	-0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.629	0.614	0.132	2741.16	6.8	2.392e+04	59.7	0.04	1.11e-04	0.0	0.0
2	1.703	0.587	0.138	2.834e+04	70.8	3677.21	9.2	0.27	6.83e-04	0.0	0.0
3	2.157	0.464	0.175	948.39	2.4	4799.73	12.0	0.40	9.90e-04	0.0	0.0
4	5.061	0.198	0.238	538.39	1.3	3666.87	9.2	0.01	3.40e-05	0.0	0.0
5	5.372	0.186	0.238	4596.05	11.5	656.57	1.6	0.29	7.26e-04	0.0	0.0
6	6.636	0.151	0.238	99.37	0.2	749.99	1.9	0.39	9.69e-04	0.0	0.0
7	7.268	0.138	0.238	1.61	4.02e-03	5.52	1.38e-02	1.29	3.22e-03	0.0	0.0
8	8.285	0.121	0.238	2.49	6.23e-03	6.65	1.66e-02	543.88	1.4	0.0	0.0
9	8.584	0.116	0.238	48.80	0.1	696.48	1.7	231.01	0.6	0.0	0.0
10	8.612	0.116	0.238	47.63	0.1	457.39	1.1	410.61	1.0	0.0	0.0
11	8.902	0.112	0.236	4.19e-04	1.05e-06	1.03	2.57e-03	212.03	0.5	0.0	0.0
12	9.236	0.108	0.230	1474.81	3.7	43.48	0.1	0.20	4.99e-04	0.0	0.0
13	9.380	0.107	0.228	0.05	1.37e-04	56.62	0.1	154.34	0.4	0.0	0.0
14	9.601	0.104	0.224	1.26	3.16e-03	90.83	0.2	11.31	2.82e-02	0.0	0.0
15	9.896	0.101	0.220	121.34	0.3	26.79	6.69e-02	4.90	1.22e-02	0.0	0.0
16	9.993	0.100	0.218	9.45	2.36e-02	53.55	0.1	292.20	0.7	0.0	0.0
17	10.263	0.097	0.214	0.70	1.75e-03	52.11	0.1	34.63	8.65e-02	0.0	0.0
18	10.325	0.097	0.214	55.09	0.1	171.92	0.4	6.33	1.58e-02	0.0	0.0
19	10.465	0.096	0.212	1.13	2.82e-03	2.73	6.81e-03	4.87	1.22e-02	0.0	0.0
20	10.722	0.093	0.209	7.73e-03	1.93e-05	58.04	0.1	208.40	0.5	0.0	0.0
Risulta				3.903e+04		3.920e+04		2117.40			
In percentuale				97.44		97.86		5.29			

CDC	Tipo	Sigla Id	Note
20	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.576 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
19.50	1041.53	5.76	21.59	0.84	0.0	5.69	21.60	1.272	0.012	0.002
16.50	8179.64	8.31	19.27	1.74	0.0	10.60	20.78	1.502	0.177	0.117
15.12	238.04	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
13.73	244.87	4.01	19.77	0.26	0.0	0.0	0.0	0.0	0.0	0.0
12.35	9340.02	8.35	19.59	1.74	0.0	10.60	20.78	1.502	0.174	0.093
10.98	236.37	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
9.62	236.28	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
8.25	9328.02	8.35	19.57	1.74	0.0	10.60	20.78	1.502	0.174	0.094
6.88	236.28	4.00	23.45	0.26	0.0	0.0	0.0	0.0	0.0	0.0
5.52	236.37	4.00	19.75	0.26	0.0	0.0	0.0	0.0	0.0	0.0
4.15	1.029e+04	8.46	18.22	1.74	0.0	10.57	20.06	1.341	0.157	0.140
2.77	229.87	3.99	23.47	0.26	0.0	0.0	0.0	0.0	0.0	0.0
1.38	213.70	3.97	19.68	0.26	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4.005e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.677	0.596	0.136	2.199e+04	54.9	8135.67	20.3	0.11	2.76e-04	0.0	0.0
2	1.735	0.576	0.141	8497.22	21.2	2.382e+04	59.5	0.29	7.24e-04	0.0	0.0
3	2.039	0.491	0.165	1545.61	3.9	392.70	1.0	0.26	6.45e-04	0.0	0.0
4	5.299	0.189	0.238	3889.58	9.7	1103.61	2.8	0.14	3.42e-04	0.0	0.0
5	5.403	0.185	0.238	1094.44	2.7	3983.21	9.9	0.08	1.95e-04	0.0	0.0
6	6.274	0.159	0.238	262.82	0.7	17.54	4.38e-02	0.45	1.13e-03	0.0	0.0
7	7.323	0.137	0.238	5.01	1.25e-02	2.31	5.78e-03	0.65	1.63e-03	0.0	0.0
8	8.286	0.121	0.238	1.22	3.04e-03	0.78	1.95e-03	547.69	1.4	0.0	0.0
9	8.601	0.116	0.238	0.51	1.27e-03	1.16	2.91e-03	656.41	1.6	0.0	0.0
10	8.902	0.112	0.236	0.33	8.26e-04	0.83	2.08e-03	213.02	0.5	0.0	0.0
11	9.225	0.108	0.230	773.23	1.9	914.08	2.3	0.03	8.52e-05	0.0	0.0
12	9.256	0.108	0.230	852.68	2.1	710.47	1.8	0.19	4.66e-04	0.0	0.0
13	10.029	0.100	0.218	0.21	5.16e-04	0.01	3.33e-05	444.90	1.1	0.0	0.0
14	10.224	0.098	0.215	0.51	1.28e-03	0.09	2.34e-04	1.28	3.19e-03	0.0	0.0
15	10.392	0.096	0.213	4.57	1.14e-02	2.37	5.93e-03	4.58	1.14e-02	0.0	0.0
16	10.650	0.094	0.209	11.34	2.83e-02	88.17	0.2	380.19	0.9	0.0	0.0
17	10.763	0.093	0.208	18.73	4.68e-02	16.20	4.04e-02	2.58	6.45e-03	0.0	0.0
18	11.052	0.090	0.205	133.82	0.3	7.85	1.96e-02	0.65	1.61e-03	0.0	0.0
19	11.064	0.090	0.204	54.54	0.1	0.34	8.38e-04	0.18	4.62e-04	0.0	0.0
20	11.191	0.089	0.203	40.51	0.1	9.11	2.28e-02	15.14	3.78e-02	0.0	0.0
Risulta				3.918e+04		3.921e+04		2268.83			
In percentuale				97.81		97.90		5.66			

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

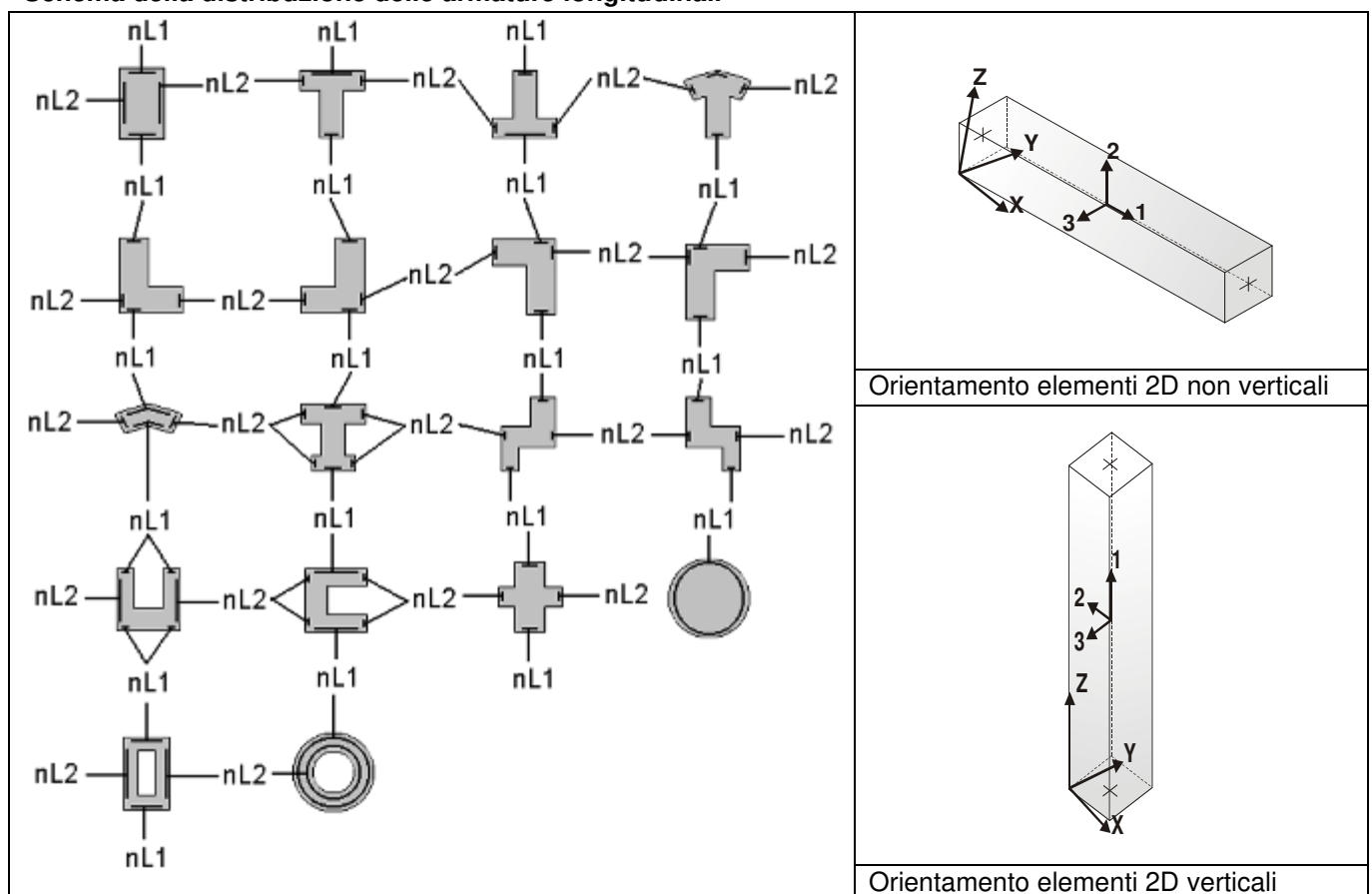
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovrarresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali



Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovraresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovraresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29

Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro

Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V_{jbd} e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: <ul style="list-style-type: none"> • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche dei nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a trazione
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione
ver. (-)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a compressione
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_ T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva

Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave
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Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
VEd, min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
VEd, max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
Vr1	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Pilas.	Note	Stato	Quota cm	%Af	M P= 1 r. snell.	X=-10.0 Armat. long.	Y=0.0 V N/M	V N sis	Staffe L=cm	V V/T cls	V V/T acc	Rif. cmb
56	s=2,m=4	ok,ok	0.0	1.58	0.36	4d22 2+4 d22	0.65	0.10	2+3d10/15 L=75	0.55	0.57	41,46,20,20
			207.5	1.58	0.36	4d22 2+4 d22	0.13	0.09	2+3d10/25 L=265	0.55	0.96	20,46,20,20
	[b=1.0;1.0]		415.0	1.58	0.36	4d22 2+4 d22	0.46	0.09	2+3d10/15 L=75	0.55	0.57	40,46,20,20
					M P= 2 r. snell.	X=710.0 Armat. long.	Y=0.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
57	s=2,m=4	ok,ok	0.0	1.58	0.32	4d22 2+4 d22	0.73	0.08	2+3d10/15 L=75	0.53	0.57	20,34,20,21
			207.5	1.58	0.32	4d22 2+4 d22	0.06	0.07	2+3d10/25 L=265	0.53	0.95	21,34,20,21
	[b=1.0;1.0]		415.0	1.58	0.32	4d22 2+4 d22	0.57	0.07	2+3d10/15 L=75	0.53	0.57	20,34,20,21
					M P= 3 r. snell.	X=1010.0 Armat. long.	Y=0.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
59	s=2,m=4	ok,ok	0.0	1.58	0.33	4d22 2+4 d22	0.70	0.08	2+3d10/15 L=75	0.53	0.57	21,40,18,20
			207.5	1.58	0.33	4d22 2+4 d22	0.06	0.07	2+3d10/25 L=265	0.53	0.95	20,40,18,20
	[b=1.0;1.0]		415.0	1.58	0.33	4d22 2+4 d22	0.53	0.07	2+3d10/15 L=75	0.53	0.57	18,40,18,20
					M P= 4 r. snell.	X=1731.0 Armat. long.	Y=0.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
60	s=2,m=4	ok,ok	0.0	1.58	0.36	4d22 2+4 d22	0.60	0.10	2+3d10/15 L=75	0.55	0.57	15,32,18,20
			207.5	1.58	0.36	4d22 2+4 d22	0.14	0.09	2+3d10/25 L=265	0.55	0.96	21,32,18,20
	[b=1.0;1.0]		415.0	1.58	0.36	4d22 2+4 d22	0.42	0.09	2+3d10/15 L=75	0.55	0.57	34,32,18,20
					M P= 5 r. snell.	X=10.0 Armat. long.	Y=360.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
61	s=3,m=4	ok,ok	0.0	1.06	0.55	4d22 4+6 d22	0.72	0.31	4+4d10/15 L=105	0.76	0.62	40,18,41,20
			207.5	1.06	0.55	4d22 4+6 d22	0.19	0.30	4+4d10/20 L=205	0.77	0.83	41,18,41,20
	[b=1.0;1.0]		415.0	1.06	0.55	4d22 4+6 d22	0.25	0.30	4+4d10/15 L=105	0.77	0.62	40,18,41,20
297	s=3,m=4	ok,ok	415.0	1.06	0.45	4d22 4+6 d22	0.48	0.22	4+4d10/15 L=105	0.80	0.61	21,18,41,21
			620.0	1.06	0.45	4d22 4+6 d22	0.09	0.21	4+4d10/20 L=200	0.80	0.81	41,18,41,21
	[b=1.0;1.0]		825.0	1.06	0.45	4d22 4+6 d22	0.43	0.21	4+4d10/15 L=105	0.81	0.61	21,18,41,21
417	s=3,m=4	ok,ok	825.0	1.06	0.37	4d22 4+6 d22	0.38	0.14	4+4d10/15 L=105	0.74	0.54	21,18,41,20
			1030.0	1.06	0.37	4d22 4+6 d22	0.08	0.13	4+4d10/25 L=200	0.74	0.90	41,18,41,20
	[b=1.0;1.0]		1235.0	1.06	0.37	4d22 4+6 d22	0.46	0.13	4+4d10/15 L=105	0.74	0.54	21,18,41,20
105	s=3,m=4	ok,ok	1235.0	1.06	0.25	4d22 4+6 d22	0.32	0.06	4+4d10/15 L=105	0.65	0.46	21,18,41,21
			1442.5	1.06	0.25	4d22 4+6 d22	0.16	0.06	4+4d10/25 L=205	0.65	0.76	40,18,41,21
	[b=1.0;1.0]		1650.0	1.06	0.25	4d22 4+6 d22	0.45	0.05	4+4d10/15 L=105	0.65	0.46	21,18,41,21
					M P= 6 r. snell.	X=710.0 Armat. long.	Y=360.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
62	s=27,m=4	ok,ok	0.0	1.82	0.65	4d24 10+14 d22	0.78	0.49	4+5d10/10 L=415	1.00	0.97	20,21,23,20
			207.5	1.32	0.65	4d24 6+10 d22	0.33	0.48	4+5d10/10 L=415	1.00	0.97	20,21,26,20
	[b=1.0;1.0]		415.0	1.32	0.65	4d24 6+10 d22	0.29	0.48	4+5d10/10 L=415	1.00	0.97	20,21,26,20
296	s=27,m=4	ok,ok	415.0	1.32	0.52	4d24 6+10 d22	0.66	0.33	4+5d10/12 L=410	1.00	0.84	20,21,16,20
			620.0	1.32	0.52	4d24 6+10 d22	0.06	0.32	4+5d10/12 L=410	1.00	0.84	21,21,24,20
	[b=1.0;1.0]		825.0	1.32	0.52	4d24 6+10 d22	0.61	0.32	4+5d10/12 L=410	1.00	0.84	20,21,15,20
416	s=27,m=4	ok,ok	825.0	1.32	0.39	4d24 6+10 d22	0.40	0.19	4+5d10/15 L=120	0.99	0.73	20,22,20,20
			1030.0	1.32	0.39	4d24 6+10 d22	0.07	0.18	4+5d10/20 L=170	1.00	0.97	20,22,20,20
	[b=1.0;1.0]		1235.0	1.32	0.39	4d24 6+10 d22	0.54	0.18	4+5d10/15 L=120	1.00	0.73	20,22,20,20
106	s=27,m=4	ok,ok	1235.0	1.32	0.25	4d24 6+10 d22	0.23	0.07	4+5d10/15 L=120	0.85	0.63	20,22,20,21
			1442.5	1.32	0.25	4d24 6+10 d22	0.10	0.07	4+5d10/20 L=175	0.86	0.84	20,22,20,21
	[b=1.0;1.0]		1650.0	1.32	0.25	4d24 6+10 d22	0.42	0.06	4+5d10/15 L=120	0.86	0.63	20,22,20,21
					M P= 7 r. snell.	X=1010.0 Armat. long.	Y=360.0 V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb

63	s=27,m=4	ok,ok	0.0	1.57	0.65	4d24 8+12 d22	0.88	0.49	4+5d10/10 L=120	1.00	0.81	21,20,21,21
	[b=1.0;1.0]		207.5	1.32	0.65	4d24 6+10 d22	0.34	0.48	4+5d10/10 L=175	1.00	0.81	21,20,21,21
			415.0	1.32	0.65	4d24 6+10 d22	0.26	0.48	4+5d10/10 L=120	1.00	0.81	21,20,26,21
295	s=27,m=4	ok,ok	415.0	1.32	0.53	4d24 6+10 d22	0.65	0.33	4+5d10/15 L=120	1.00	0.97	21,20,21,21
	[b=1.0;1.0]		620.0	1.32	0.53	4d24 6+10 d22	0.06	0.32	4+5d10/15 L=170	1.00	0.97	20,20,18,21
			825.0	1.32	0.53	4d24 6+10 d22	0.60	0.32	4+5d10/15 L=120	1.00	0.97	21,20,18,21
415	s=27,m=4	ok,ok	825.0	1.32	0.39	4d24 6+10 d22	0.40	0.19	4+5d10/15 L=120	0.98	0.73	21,20,21,20
	[b=1.0;1.0]		1030.0	1.32	0.39	4d24 6+10 d22	0.07	0.18	4+5d10/20 L=170	0.99	0.98	21,20,21,20
			1235.0	1.32	0.39	4d24 6+10 d22	0.54	0.18	4+5d10/15 L=120	0.99	0.73	21,20,21,20
109	s=27,m=4	ok,ok	1235.0	1.32	0.25	4d24 6+10 d22	0.22	0.07	4+5d10/15 L=120	0.85	0.63	18,20,20,20
	[b=1.0;1.0]		1442.5	1.32	0.25	4d24 6+10 d22	0.09	0.07	4+5d10/20 L=175	0.85	0.84	18,20,20,20
			1650.0	1.32	0.25	4d24 6+10 d22	0.41	0.06	4+5d10/15 L=120	0.85	0.63	18,20,20,20
					M P= 8	X=1731.0	Y=360.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
64	s=3,m=4	ok,ok	0.0	1.06	0.54	4d22 4+6 d22	0.66	0.30	4+4d10/15 L=105	0.78	0.62	31,20,41,21
	[b=1.0;1.0]		207.5	1.06	0.54	4d22 4+6 d22	0.19	0.30	4+4d10/20 L=205	0.78	0.82	31,20,41,21
			415.0	1.06	0.54	4d22 4+6 d22	0.23	0.29	4+4d10/15 L=105	0.78	0.62	34,20,41,21
294	s=3,m=4	ok,ok	415.0	1.06	0.44	4d22 4+6 d22	0.46	0.21	4+4d10/15 L=105	0.78	0.61	15,40,41,20
	[b=1.0;1.0]		620.0	1.06	0.44	4d22 4+6 d22	0.09	0.21	4+4d10/20 L=200	0.78	0.81	31,40,41,20
			825.0	1.06	0.44	4d22 4+6 d22	0.41	0.20	4+4d10/15 L=105	0.78	0.61	15,40,41,20
414	s=3,m=4	ok,ok	825.0	1.06	0.36	4d22 4+6 d22	0.37	0.13	4+4d10/15 L=105	0.72	0.54	20,20,40,20
	[b=1.0;1.0]		1030.0	1.06	0.36	4d22 4+6 d22	0.07	0.13	4+4d10/25 L=200	0.72	0.90	31,20,40,20
			1235.0	1.06	0.36	4d22 4+6 d22	0.43	0.12	4+4d10/15 L=105	0.72	0.54	15,20,40,20
110	s=3,m=4	ok,ok	1235.0	1.06	0.24	4d22 4+6 d22	0.30	0.06	4+4d10/15 L=105	0.64	0.45	20,20,40,20
	[b=1.0;1.0]		1442.5	1.06	0.24	4d22 4+6 d22	0.15	0.05	4+4d10/25 L=205	0.64	0.76	34,20,40,20
			1650.0	1.06	0.24	4d22 4+6 d22	0.44	0.05	4+4d10/15 L=105	0.64	0.45	20,20,40,20
					M P= 9	X=10.0	Y=1080.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
68	s=16,m=4	ok,ok	0.0	1.14	0.72	4d22 4+4 d22	0.52	0.43	4+4d10/12 L=87	0.64	0.46	41,21,41,20
	[b=1.0;1.0]		207.5	1.14	0.72	4d22 4+4 d22	0.14	0.43	4+4d10/25 L=240	0.64	0.92	20,21,41,20
			415.0	1.14	0.72	4d22 4+4 d22	0.23	0.42	4+4d10/12 L=87	0.64	0.46	40,21,41,20
298	s=16,m=4	ok,ok	415.0	1.14	0.61	4d22 4+4 d22	0.41	0.32	4+4d10/15 L=90	0.65	0.54	41,21,41,40
	[b=1.0;1.0]		620.0	1.14	0.61	4d22 4+4 d22	0.09	0.31	4+4d10/25 L=230	0.66	0.90	4,21,41,40
			825.0	1.14	0.61	4d22 4+4 d22	0.40	0.31	4+4d10/15 L=90	0.66	0.54	41,21,41,40
418	s=16,m=4	ok,ok	825.0	1.14	0.49	4d22 4+4 d22	0.35	0.20	4+4d10/15 L=90	0.62	0.49	41,21,41,40
	[b=1.0;1.0]		1030.0	1.14	0.49	4d22 4+4 d22	0.06	0.20	4+4d10/25 L=230	0.62	0.81	4,21,41,40
			1235.0	1.14	0.49	4d22 4+4 d22	0.41	0.19	4+4d10/15 L=90	0.62	0.49	41,21,41,40
115	s=16,m=4	ok,ok	1235.0	1.14	0.33	4d22 4+4 d22	0.26	0.09	4+4d10/15 L=90	0.55	0.41	42,21,41,40
	[b=1.0;1.0]		1442.5	1.14	0.33	4d22 4+4 d22	0.12	0.09	4+4d10/25 L=235	0.55	0.68	21,21,41,40
			1650.0	1.14	0.33	4d22 4+4 d22	0.40	0.08	4+4d10/15 L=90	0.55	0.41	41,21,41,40
					M P= 10	X=710.0	Y=1080.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
67	s=4,m=4	ok,ok	0.0	1.51	0.67	4d24 4+4 d24	0.37	0.54	4+4d10/12 L=75	0.59	0.48	40,21,40,40
	[b=1.0;1.0]		207.5	1.51	0.67	4d24 4+4 d24	0.13	0.53	4+4d10/25 L=265	0.59	0.97	21,21,40,40
			415.0	1.51	0.67	4d24 4+4 d24	0.19	0.53	4+4d10/12 L=75	0.59	0.48	32,21,40,40
299	s=4,m=4	ok,ok	415.0	1.51	0.57	4d24 4+4 d24	0.30	0.40	4+4d10/15 L=75	0.61	0.59	40,21,40,40
	[b=1.0;1.0]		620.0	1.51	0.57	4d24 4+4 d24	0.09	0.39	4+4d10/25 L=260	0.62	0.98	4,21,40,40
			825.0	1.51	0.57	4d24 4+4 d24	0.30	0.39	4+4d10/15 L=75	0.62	0.59	40,21,40,40
419	s=4,m=4	ok,ok	825.0	1.51	0.46	4d24 4+4 d24	0.27	0.25	4+4d10/15 L=75	0.59	0.53	40,21,20,40
	[b=1.0;1.0]		1030.0	1.51	0.46	4d24 4+4 d24	0.06	0.25	4+4d10/25 L=260	0.59	0.89	4,21,20,40
			1235.0	1.51	0.46	4d24 4+4 d24	0.31	0.24	4+4d10/15 L=75	0.59	0.53	40,21,20,40
114	s=4,m=4	ok,ok	1235.0	1.51	0.32	4d24 4+4 d24	0.19	0.12	4+4d10/15 L=75	0.53	0.46	40,18,40,20
	[b=1.0;1.0]		1442.5	1.51	0.32	4d24 4+4 d24	0.05	0.11	4+4d10/25 L=265	0.54	0.77	21,18,40,20
			1650.0	1.51	0.32	4d24 4+4 d24	0.24	0.11	4+4d10/15 L=75	0.54	0.46	31,18,40,20
					M P= 11	X=1010.0	Y=1080.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
66	s=4,m=4	ok,ok	0.0	1.51	0.64	4d24 4+4 d24	0.34	0.49	4+4d10/12 L=75	0.57	0.48	37,19,41,40
	[b=1.0;1.0]		207.5	1.51	0.64	4d24 4+4 d24	0.12	0.49	4+4d10/25 L=265	0.57	0.97	20,19,41,40
			415.0	1.51	0.64	4d24 4+4 d24	0.17	0.49	4+4d10/12 L=75	0.57	0.48	32,19,41,40
300	s=4,m=4	ok,ok	415.0	1.51	0.55	4d24 4+4 d24	0.27	0.37	4+4d10/15 L=75	0.59	0.58	34,15,18,20
	[b=1.0;1.0]		620.0	1.51	0.55	4d24 4+4 d24	0.09	0.36	4+4d10/25 L=260	0.60	0.96	4,15,18,20
			825.0	1.51	0.55	4d24 4+4 d24	0.27	0.36	4+4d10/15 L=75	0.60	0.58	34,15,18,20
420	s=4,m=4	ok,ok	825.0	1.51	0.44	4d24 4+4 d24	0.24	0.24	4+4d10/15 L=75	0.57	0.53	34,15,18,20
	[b=1.0;1.0]		1030.0	1.51	0.44	4d24 4+4 d24	0.06	0.24	4+4d10/25 L=260	0.57	0.88	4,15,18,20
			1235.0	1.51	0.44	4d24 4+4 d24	0.28	0.23	4+4d10/15 L=75	0.58	0.53	34,15,18,20
113	s=4,m=4	ok,ok	1235.0	1.51	0.32	4d24 4+4 d24	0.16	0.12	4+4d10/15 L=75	0.52	0.46	34,15,18,20
	[b=1.0;1.0]		1442.5	1.51	0.32	4d24 4+4 d24	0.04	0.11	4+4d10/25 L=265	0.52	0.77	21,15,18,20
			1650.0	1.51	0.32	4d24 4+4 d24	0.22	0.11	4+4d10/15 L=75	0.52	0.46	31,15,18,20
					M P= 12	X=1731.0	Y=1080.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
65	s=3,m=4	ok,ok	0.0	1.06	0.64	4d22 4+6 d22	0.55	0.34	4+4d10/15 L=105	0.72	0.64	34,31,40,20
	[b=1.0;1.0]		207.5	1.06	0.64	4d22 4+6 d22	0.19	0.33	4+4d10/20 L=205	0.72	0.85	31,31,40,20
			415.0	1.06	0.64	4d22 4+6 d22	0.15	0.33	4+4d10/15 L=105	0.72	0.64	34,31,40,20
301	s=3,m=4	ok,ok	415.0	1.06	0.54	4d22 4+6 d22	0.30	0.25	4+4d10/15 L=105	0.72	0.62	34,31,40,20
	[b=1.0;1.0]		620.0	1.06	0.54	4d22 4+6 d22	0.07	0.25	4+4d10/20 L=200	0.72	0.83	4,31,40,20

	[b=1.0;1.0]		825.0	1.06	0.54	4d22 4+6 d22	0.30	0.24	4+4d10/15 L=105	0.72	0.62	34,31,40,20
421	s=3,m=4	ok,ok	825.0	1.06	0.44	4d22 4+6 d22	0.24	0.16	4+4d10/15 L=105	0.67	0.55	34,31,40,20
			1030.0	1.06	0.44	4d22 4+6 d22	0.06	0.16	4+4d10/25 L=200	0.67	0.92	34,31,40,20
	[b=1.0;1.0]		1235.0	1.06	0.44	4d22 4+6 d22	0.34	0.15	4+4d10/15 L=105	0.68	0.55	34,31,40,20
111	s=3,m=4	ok,ok	1235.0	1.06	0.30	4d22 4+6 d22	0.13	0.08	4+4d10/15 L=105	0.60	0.46	34,31,40,40
			1442.5	1.06	0.30	4d22 4+6 d22	0.09	0.07	4+4d10/25 L=205	0.60	0.77	15,31,40,40
	[b=1.0;1.0]		1650.0	1.06	0.30	4d22 4+6 d22	0.29	0.07	4+4d10/15 L=105	0.61	0.46	31,31,40,40
					M P= 13	X=-10.0	Y=1800.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
69	s=1,m=4	ok,ok	0.0	1.75	0.66	4d24 6+10 d22	0.48	0.50	4+5d10/12 L=100	0.98	0.62	23,26,31,41
			207.5	1.75	0.66	4d24 6+10 d22	0.21	0.49	4+5d10/20 L=215	0.98	0.99	40,26,31,41
	[b=1.0;1.0]		415.0	1.75	0.66	4d24 6+10 d22	0.29	0.49	4+5d10/12 L=100	0.98	0.62	23,26,31,41
306	s=1,m=4	ok,ok	415.0	1.75	0.53	4d24 6+10 d22	0.38	0.33	4+5d10/15 L=90	0.94	0.73	23,26,40,40
			620.0	1.75	0.53	4d24 6+10 d22	0.05	0.33	4+5d10/20 L=230	0.95	0.98	26,26,40,40
	[b=1.0;1.0]		825.0	1.75	0.53	4d24 6+10 d22	0.36	0.32	4+5d10/15 L=90	0.95	0.73	23,26,40,40
426	s=1,m=4	ok,ok	825.0	1.75	0.38	4d24 6+10 d22	0.27	0.18	4+5d10/15 L=90	0.87	0.66	27,30,43,40
			1030.0	1.75	0.38	4d24 6+10 d22	0.04	0.17	4+5d10/20 L=230	0.87	0.88	42,30,43,40
	[b=1.0;1.0]		1235.0	1.75	0.38	4d24 6+10 d22	0.29	0.17	4+5d10/15 L=90	0.87	0.66	43,30,43,40
119	s=1,m=4	ok,ok	1235.0	1.75	0.23	4d24 6+10 d22	0.16	0.06	4+5d10/15 L=90	0.77	0.58	27,30,46,40
			1442.5	1.75	0.23	4d24 6+10 d22	0.06	0.06	4+5d10/25 L=235	0.77	0.96	39,30,46,40
	[b=1.0;1.0]		1650.0	1.75	0.23	4d24 6+10 d22	0.25	0.05	4+5d10/15 L=90	0.77	0.58	43,30,46,40
					M P= 14	X=172.0	Y=1800.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
51	s=13,m=4	ok,ok	0.0	1.32	0.51	4d24 6+10 d22	0.70	0.30	4+5d10/15 L=120	1.00	0.84	25,24,21,21
			207.5	1.32	0.51	4d24 6+10 d22	0.21	0.30	4+5d10/15 L=175	1.00	0.85	25,24,17,21
	[b=1.0;1.0]		415.0	1.32	0.51	4d24 6+10 d22	0.20	0.29	4+5d10/15 L=120	1.00	0.85	25,24,30,21
120	s=13,m=4	ok,ok	415.0	1.32	0.41	4d24 6+10 d22	0.41	0.20	4+5d10/15 L=120	0.98	0.76	30,24,21,20
			620.0	1.32	0.41	4d24 6+10 d22	0.04	0.20	4+5d10/15 L=170	0.99	0.76	23,24,21,20
	[b=1.0;1.0]		825.0	1.32	0.41	4d24 6+10 d22	0.37	0.19	4+5d10/15 L=120	0.99	0.76	30,24,21,20
122	s=13,m=4	ok,ok	825.0	1.32	0.33	4d24 6+10 d22	0.26	0.11	4+5d10/15 L=120	0.89	0.69	30,28,21,20
			1030.0	1.32	0.33	4d24 6+10 d22	0.03	0.11	4+5d10/20 L=170	0.89	0.92	23,28,21,20
	[b=1.0;1.0]		1235.0	1.32	0.33	4d24 6+10 d22	0.32	0.10	4+5d10/15 L=120	0.89	0.69	30,28,21,20
53	s=13,m=4	ok,ok	1235.0	1.32	0.25	4d24 6+10 d22	0.13	0.07	4+5d10/15 L=120	0.82	0.62	46,30,20,21
			1442.5	1.32	0.25	4d24 6+10 d22	0.05	0.06	4+5d10/20 L=175	0.82	0.83	26,30,20,21
	[b=1.0;1.0]		1650.0	1.32	0.25	4d24 6+10 d22	0.22	0.06	4+5d10/15 L=120	0.82	0.62	30,30,20,21
50	s=13,m=4	ok,ok	1650.0	1.32	0.11	4d24 6+10 d22	0.10	0.03	4+5d10/15 L=120	1.00	0.75	40,26,16,20
			1800.0	1.32	0.11	4d24 6+10 d22	0.07	0.03	4+5d10/15 L=60	1.00	0.75	18,26,20,20
	[b=1.0;1.0]		1950.0	1.32	0.11	4d24 6+10 d22	0.16	0.02	4+5d10/15 L=120	1.00	0.75	42,26,20,20
					M P= 15	X=710.0	Y=1800.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
71	s=13,m=4	ok,ok	0.0	1.32	0.55	4d24 6+10 d22	0.52	0.33	4+5d10/15 L=120	1.00	0.84	17,32,17,21
			207.5	1.32	0.55	4d24 6+10 d22	0.22	0.33	4+5d10/15 L=175	1.00	0.84	25,32,17,21
	[b=1.0;1.0]		415.0	1.32	0.55	4d24 6+10 d22	0.25	0.32	4+5d10/15 L=120	1.00	0.84	33,32,17,21
304	s=13,m=4	ok,ok	415.0	1.32	0.47	4d24 6+10 d22	0.36	0.24	4+5d10/15 L=120	0.99	0.78	31,36,21,20
			620.0	1.32	0.47	4d24 6+10 d22	0.05	0.24	4+5d10/15 L=170	0.99	0.78	21,36,21,20
	[b=1.0;1.0]		825.0	1.32	0.47	4d24 6+10 d22	0.36	0.23	4+5d10/15 L=120	0.99	0.78	33,36,21,20
424	s=13,m=4	ok,ok	825.0	1.32	0.39	4d24 6+10 d22	0.34	0.16	4+5d10/15 L=120	0.93	0.71	33,36,17,19
			1030.0	1.32	0.39	4d24 6+10 d22	0.05	0.15	4+5d10/20 L=170	0.93	0.95	23,36,17,19
	[b=1.0;1.0]		1235.0	1.32	0.39	4d24 6+10 d22	0.37	0.15	4+5d10/15 L=120	0.94	0.71	35,36,17,19
178	s=13,m=4	ok,ok	1235.0	1.32	0.29	4d24 6+10 d22	0.27	0.08	4+5d10/15 L=120	0.85	0.64	33,36,17,19
			1442.5	1.32	0.29	4d24 6+10 d22	0.07	0.08	4+5d10/20 L=175	0.86	0.85	26,36,17,19
	[b=1.0;1.0]		1650.0	1.32	0.29	4d24 6+10 d22	0.32	0.07	4+5d10/15 L=120	0.86	0.64	33,36,17,19
33	s=13,m=4	ok,ok	1650.0	1.32	0.10	4d24 6+10 d22	0.14	0.02	4+5d10/15 L=120	0.96	0.70	4,38,15,20
			1800.0	1.32	0.10	4d24 6+10 d22	0.10	0.02	4+5d10/20 L=60	0.96	0.94	29,38,15,20
	[b=1.0;1.0]		1950.0	1.32	0.10	4d24 6+10 d22	0.16	0.02	4+5d10/15 L=120	0.96	0.70	29,38,15,20
					M P= 16	X=1010.0	Y=1800.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
72	s=4,m=4	ok,ok	0.0	1.35	0.63	4d24 4+4 d22	0.36	0.50	4+4d10/12 L=75	0.55	0.46	37,28,15,20
			207.5	1.35	0.63	4d24 4+4 d22	0.12	0.49	4+4d10/25 L=265	0.55	0.93	4,28,15,20
	[b=1.0;1.0]		415.0	1.35	0.63	4d24 4+4 d22	0.18	0.49	4+4d10/12 L=75	0.55	0.46	31,28,15,20
303	s=4,m=4	ok,ok	415.0	1.35	0.54	4d24 4+4 d22	0.27	0.38	4+4d10/15 L=75	0.57	0.55	31,28,18,20
			620.0	1.35	0.54	4d24 4+4 d22	0.09	0.37	4+4d10/25 L=260	0.57	0.92	4,28,18,20
	[b=1.0;1.0]		825.0	1.35	0.54	4d24 4+4 d22	0.27	0.37	4+4d10/15 L=75	0.57	0.55	31,28,18,20
423	s=4,m=4	ok,ok	825.0	1.35	0.45	4d24 4+4 d22	0.25	0.26	4+4d10/15 L=75	0.54	0.51	31,28,41,40
			1030.0	1.35	0.45	4d24 4+4 d22	0.06	0.26	4+4d10/25 L=260	0.55	0.85	4,28,41,40
	[b=1.0;1.0]		1235.0	1.35	0.45	4d24 4+4 d22	0.28	0.25	4+4d10/15 L=75	0.55	0.51	31,28,41,40
179	s=28,m=4	ok,ok	1235.0	1.35	0.34	4d24 4+4 d22	0.18	0.15	4+4d10/15 L=75	0.50	0.45	31,28,41,40
			1442.5	1.35	0.34	4d24 4+4 d22	0.04	0.14	4+4d10/25 L=265	0.50	0.74	38,28,41,40
	[b=1.0;1.0]		1650.0	1.35	0.34	4d24 4+4 d22	0.22	0.14	4+4d10/15 L=75	0.50	0.45	31,28,41,40
29	s=22,m=4	ok,ok	1650.0	1.62	0.12	4d24 4+4 d22	0.11	0.03	2+3d10/15 L=60	0.53	0.68	34,28,18,21
			1800.0	1.62	0.12	4d24 4+4 d22	0.10	0.03	2+3d10/20 L=180	0.53	0.91	25,28,18,21
	[b=1.0;1.0]		1950.0	1.62	0.12	4d24 4+4 d22	0.28	0.03	2+3d10/15 L=60	0.53	0.68	29,28,18,21
					M P= 17	X=1731.0	Y=1800.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
73	s=4,m=4	ok,ok	0.0	1.51	0.58	4d24 4+4 d24	0.37	0.39	4+4d10/15 L=75	0.58	0.56	37,31,15,40

			207.5	1.51	0.58	4d24 4+4 d24	0.11	0.39	4+4d10/25 L=265	0.58	0.94	25,31,15,40
	[b=1.0;1.0]		415.0	1.51	0.58	4d24 4+4 d24	0.24	0.39	4+4d10/15 L=75	0.58	0.56	31,31,15,40
302	s=4,m=4	ok,ok	415.0	1.51	0.49	4d24 4+4 d24	0.37	0.29	4+4d10/15 L=75	0.63	0.55	31,31,15,20
			620.0	1.51	0.49	4d24 4+4 d24	0.07	0.29	4+4d10/25 L=260	0.63	0.92	4,31,15,20
	[b=1.0;1.0]		825.0	1.51	0.49	4d24 4+4 d24	0.36	0.28	4+4d10/15 L=75	0.63	0.55	31,31,15,20
422	s=4,m=4	ok,ok	825.0	1.51	0.40	4d24 4+4 d24	0.34	0.19	4+4d10/15 L=75	0.61	0.51	31,15,15,20
			1030.0	1.51	0.40	4d24 4+4 d24	0.05	0.19	4+4d10/25 L=260	0.61	0.85	4,15,15,20
	[b=1.0;1.0]		1235.0	1.51	0.40	4d24 4+4 d24	0.37	0.18	4+4d10/15 L=75	0.61	0.51	31,15,15,20
180	s=4,m=4	ok,ok	1235.0	1.51	0.28	4d24 4+4 d24	0.26	0.09	4+4d10/15 L=75	0.55	0.45	31,15,15,20
			1442.5	1.51	0.28	4d24 4+4 d24	0.05	0.09	4+4d10/25 L=265	0.55	0.74	28,15,15,20
	[b=1.0;1.0]		1650.0	1.51	0.28	4d24 4+4 d24	0.32	0.08	4+4d10/15 L=75	0.55	0.45	31,15,15,20
					M P= 18 X=431.0 Y=2035.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
85	s=17,m=4	ok,ok	0.0	2.71	0.17	8d24 8+8 d24	0.91	0.53	2+2d10/12 L=138	1.00	0.96	43,46,27,43
			69.2	1.81	0.17	8d24 4+4 d24	0.77	0.52	2+2d10/12 L=138	1.00	0.96	43,46,27,43
	[b=1.0;1.0]		138.3	1.81	0.17	8d24 4+4 d24	0.48	0.52	2+2d10/12 L=138	1.00	0.96	27,46,27,43
87	s=17,m=4	ok,ok	138.3	1.81	0.46	8d24 4+4 d24	0.87	0.44	2+2d10/15 L=45	0.56	0.46	43,30,43,43
			345.0	1.81	0.46	8d24 4+4 d24	0.10	0.43	2+2d10/25 L=323	0.56	0.77	37,30,43,43
	[b=1.0;1.0]		551.7	1.81	0.46	8d24 4+4 d24	0.77	0.43	2+2d10/15 L=45	0.56	0.46	43,30,43,43
101	s=17,m=4	ok,ok	551.7	1.81	0.35	8d24 4+4 d24	0.43	0.26	2+2d10/15 L=45	0.39	0.37	27,30,20,41
			756.7	1.81	0.35	8d24 4+4 d24	0.13	0.25	2+2d10/25 L=320	0.39	0.61	35,30,20,41
	[b=1.0;1.0]		961.7	1.81	0.35	8d24 4+4 d24	0.63	0.25	2+2d10/15 L=45	0.39	0.37	43,30,20,41
118	s=17,m=4	ok,ok	961.7	1.81	0.24	8d24 4+4 d24	0.26	0.13	2+2d10/15 L=45	0.32	0.27	27,25,19,19
			1167.5	1.81	0.24	8d24 4+4 d24	0.09	0.12	2+2d10/25 L=322	0.32	0.46	43,25,19,19
	[b=1.0;1.0]		1373.3	1.81	0.24	8d24 4+4 d24	0.44	0.12	2+2d10/15 L=45	0.32	0.27	43,25,19,19
153	s=17,m=4	ok,ok	1373.3	1.81	0.24	8d24 4+4 d24	0.30	0.06	2+2d10/15 L=45	0.22	0.18	32,35,20,15
			1661.7	1.81	0.24	8d24 4+4 d24	0.13	0.06	2+2d10/25 L=487	0.22	0.31	46,35,20,15
	[b=1.0;1.0]		1950.0	1.81	0.24	8d24 4+4 d24	0.30	0.05	2+2d10/15 L=45	0.22	0.18	24,35,20,15
					M P= 19 X=710.0 Y=2035.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
155	s=17,m=4	ok,ok	0.0	2.71	0.42	8d24 8+8 d24	0.88	0.37	2+2d10/15 L=45	0.74	0.54	38,23,46,40
			207.5	1.81	0.42	8d24 4+4 d24	0.38	0.37	2+2d10/25 L=325	0.74	0.90	17,23,46,40
	[b=1.0;1.0]		415.0	1.81	0.42	8d24 4+4 d24	0.67	0.36	2+2d10/15 L=45	0.74	0.54	30,23,46,40
160	s=17,m=4	ok,ok	415.0	1.81	0.35	8d24 4+4 d24	0.82	0.26	2+2d10/15 L=45	0.60	0.54	37,24,41,41
			620.0	1.81	0.35	8d24 4+4 d24	0.06	0.26	2+2d10/25 L=320	0.60	0.89	38,24,41,41
	[b=1.0;1.0]		825.0	1.81	0.35	8d24 4+4 d24	0.83	0.25	2+2d10/15 L=45	0.60	0.54	37,24,41,41
164	s=17,m=4	ok,ok	825.0	1.81	0.27	8d24 4+4 d24	0.65	0.15	2+2d10/15 L=45	0.42	0.43	37,24,37,35
			1030.0	1.81	0.27	8d24 4+4 d24	0.17	0.15	2+2d10/25 L=320	0.43	0.71	17,24,37,35
	[b=1.0;1.0]		1235.0	1.81	0.27	8d24 4+4 d24	0.87	0.14	2+2d10/15 L=45	0.43	0.43	33,24,37,35
170	s=17,m=4	ok,ok	1235.0	1.81	0.20	8d24 4+4 d24	0.39	0.07	2+2d10/15 L=45	0.36	0.35	35,46,37,37
			1442.5	1.81	0.20	8d24 4+4 d24	0.11	0.07	2+2d10/25 L=325	0.36	0.58	30,46,37,37
	[b=1.0;1.0]		1650.0	1.81	0.20	8d24 4+4 d24	0.61	0.07	2+2d10/15 L=45	0.36	0.35	33,46,37,37
192	s=17,m=4	ok,ok	1650.0	1.81	0.11	8d24 4+4 d24	0.13	0.05	2+2d10/15 L=45	0.31	0.29	36,46,37,37
			1800.0	1.81	0.11	8d24 4+4 d24	0.13	0.05	2+2d10/25 L=210	0.31	0.48	36,46,37,37
	[b=1.0;1.0]		1950.0	1.81	0.11	8d24 4+4 d24	0.32	0.04	2+2d10/15 L=45	0.31	0.29	33,46,37,37
					M P= 20 X=431.0 Y=2285.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
290	s=17,m=4	ok,ok	0.0	2.26	0.33	8d24 6+6 d24	0.95	0.52	2+2d10/15 L=45	0.77	0.81	24,25,27,27
			138.3	1.81	0.33	8d24 4+4 d24	0.35	0.51	2+2d10/15 L=187	0.77	0.81	24,25,27,27
	[b=1.0;1.0]		276.7	1.81	0.33	8d24 4+4 d24	0.44	0.51	2+2d10/15 L=45	0.77	0.81	27,25,27,27
319	s=17,m=4	ok,ok	276.7	1.81	0.44	8d24 4+4 d24	0.69	0.40	2+2d10/15 L=45	0.49	0.43	36,37,46,46
			482.5	1.81	0.44	8d24 4+4 d24	0.15	0.40	2+2d10/25 L=322	0.50	0.72	40,37,46,46
	[b=1.0;1.0]		688.3	1.81	0.44	8d24 4+4 d24	0.56	0.39	2+2d10/15 L=45	0.50	0.43	46,37,46,46
338	s=17,m=4	ok,ok	688.3	1.81	0.34	8d24 4+4 d24	0.60	0.24	2+2d10/15 L=45	0.45	0.37	36,37,40,40
			893.3	1.81	0.34	8d24 4+4 d24	0.07	0.24	2+2d10/25 L=320	0.45	0.61	38,37,40,40
	[b=1.0;1.0]		1098.3	1.81	0.34	8d24 4+4 d24	0.64	0.24	2+2d10/15 L=45	0.45	0.37	40,37,40,40
342	s=17,m=4	ok,ok	1098.3	1.81	0.23	8d24 4+4 d24	0.34	0.11	2+2d10/15 L=45	0.37	0.32	36,25,20,40
			1305.0	1.81	0.23	8d24 4+4 d24	0.11	0.11	2+2d10/25 L=323	0.37	0.53	38,25,20,40
	[b=1.0;1.0]		1511.7	1.81	0.23	8d24 4+4 d24	0.54	0.10	2+2d10/15 L=45	0.37	0.32	32,25,20,40
345	s=17,m=4	ok,ok	1511.7	1.81	0.16	8d24 4+4 d24	0.18	0.05	2+2d10/15 L=45	0.30	0.25	43,36,20,20
			1730.8	1.81	0.16	8d24 4+4 d24	0.20	0.04	2+2d10/25 L=348	0.30	0.42	45,36,20,20
	[b=1.0;1.0]		1950.0	1.81	0.16	8d24 4+4 d24	0.29	0.04	2+2d10/15 L=45	0.30	0.25	44,36,20,20
					M P= 21 X=710.0 Y=2285.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
347	s=17,m=4	ok,ok	0.0	2.26	0.43	8d24 6+6 d24	0.88	0.39	2+2d10/15 L=45	0.64	0.57	46,27,38,37
			207.5	1.81	0.43	8d24 4+4 d24	0.30	0.39	2+2d10/25 L=325	0.64	0.96	30,27,38,37
	[b=1.0;1.0]		415.0	1.81	0.43	8d24 4+4 d24	0.60	0.38	2+2d10/15 L=45	0.65	0.57	38,27,38,37
351	s=17,m=4	ok,ok	415.0	1.81	0.36	8d24 4+4 d24	0.91	0.27	2+2d10/15 L=45	0.54	0.48	37,24,46,37
			620.0	1.81	0.36	8d24 4+4 d24	0.05	0.27	2+2d10/25 L=320	0.54	0.79	27,24,46,37
	[b=1.0;1.0]		825.0	1.81	0.36	8d24 4+4 d24	0.79	0.26	2+2d10/15 L=45	0.54	0.48	33,24,46,37
352	s=17,m=4	ok,ok	825.0	1.81	0.28	8d24 4+4 d24	0.67	0.16	2+2d10/15 L=45	0.51	0.49	31,24,40,46
			1030.0	1.81	0.28	8d24 4+4 d24	0.06	0.16	2+2d10/25 L=320	0.51	0.82	26,24,40,46
	[b=1.0;1.0]		1235.0	1.81	0.28	8d24 4+4 d24	0.78	0.16	2+2d10/15 L=45	0.51	0.49	38,24,40,46
353	s=17,m=4	ok,ok	1235.0	1.81	0.20	8d24 4+4 d24	0.41	0.08	2+2d10/15 L=45	0.41	0.36	31,24,43,46
			1442.5	1.81	0.20	8d24 4+4 d24	0.08	0.08	2+2d10/25 L=325	0.41	0.61	43,24,43,46

	[b=1.0;1.0]		1650.0	1.81	0.20	8d24 4+4 d24	0.55	0.08	2+2d10/15 L=45	0.42	0.36	38,24,43,46
356	s=17,m=4	ok,ok	1650.0	1.81	0.10	8d24 4+4 d24	0.19	0.04	2+2d10/15 L=45	0.36	0.28	34,26,40,40
			1800.0	1.81	0.10	8d24 4+4 d24	0.13	0.03	2+2d10/25 L=210	0.36	0.46	27,26,40,40
	[b=1.0;1.0]		1950.0	1.81	0.10	8d24 4+4 d24	0.33	0.03	2+2d10/15 L=45	0.36	0.28	34,26,40,40
					M P= 22 X=-10.0 Y=2520.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
74	s=1,m=4	ok,ok	0.0	1.75	0.64	4d24 6+10 d22	0.55	0.48	4+5d10/12 L=100	1.00	0.64	41,30,41,41
			207.5	1.75	0.64	4d24 6+10 d22	0.16	0.47	4+5d10/15 L=215	1.00	0.77	43,30,41,41
	[b=1.0;1.0]		415.0	1.75	0.64	4d24 6+10 d22	0.29	0.47	4+5d10/12 L=100	1.00	0.64	24,30,41,41
307	s=1,m=4	ok,ok	415.0	1.75	0.51	4d24 6+10 d22	0.38	0.31	4+5d10/15 L=90	0.98	0.72	24,30,41,40
			620.0	1.75	0.51	4d24 6+10 d22	0.05	0.30	4+5d10/20 L=230	0.98	0.96	30,30,41,40
	[b=1.0;1.0]		825.0	1.75	0.51	4d24 6+10 d22	0.36	0.30	4+5d10/15 L=90	0.98	0.72	24,30,41,40
427	s=1,m=4	ok,ok	825.0	1.75	0.36	4d24 6+10 d22	0.26	0.15	4+5d10/15 L=90	0.87	0.64	24,30,41,40
			1030.0	1.75	0.36	4d24 6+10 d22	0.04	0.15	4+5d10/20 L=230	0.87	0.85	46,30,41,40
	[b=1.0;1.0]		1235.0	1.75	0.36	4d24 6+10 d22	0.27	0.14	4+5d10/15 L=90	0.87	0.64	28,30,41,40
181	s=1,m=4	ok,ok	1235.0	1.75	0.20	4d24 6+10 d22	0.14	0.05	4+5d10/15 L=90	0.77	0.56	24,29,40,41
			1442.5	1.75	0.20	4d24 6+10 d22	0.04	0.04	4+5d10/25 L=235	0.77	0.94	40,29,40,41
	[b=1.0;1.0]		1650.0	1.75	0.20	4d24 6+10 d22	0.19	0.04	4+5d10/15 L=90	0.77	0.56	40,29,40,41
					M P= 23 X=172.0 Y=2520.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
52	s=13,m=4	ok,ok	0.0	1.57	0.50	4d24 8+12 d22	0.68	0.29	4+5d10/15 L=120	1.00	0.98	30,28,25,21
			207.5	1.32	0.50	4d24 6+10 d22	0.26	0.28	4+5d10/15 L=175	1.00	0.98	30,28,26,21
	[b=1.0;1.0]		415.0	1.32	0.50	4d24 6+10 d22	0.26	0.28	4+5d10/15 L=120	1.00	0.98	29,28,30,21
121	s=13,m=4	ok,ok	415.0	1.32	0.40	4d24 6+10 d22	0.46	0.19	4+5d10/15 L=120	1.00	0.75	29,24,21,21
			620.0	1.32	0.40	4d24 6+10 d22	0.06	0.18	4+5d10/15 L=170	1.00	0.75	29,24,21,21
	[b=1.0;1.0]		825.0	1.32	0.40	4d24 6+10 d22	0.39	0.18	4+5d10/15 L=120	1.00	0.75	25,24,21,21
124	s=13,m=4	ok,ok	825.0	1.32	0.30	4d24 6+10 d22	0.29	0.10	4+5d10/15 L=120	0.90	0.67	29,28,21,20
			1030.0	1.32	0.30	4d24 6+10 d22	0.06	0.10	4+5d10/20 L=170	0.90	0.90	30,28,21,20
	[b=1.0;1.0]		1235.0	1.32	0.30	4d24 6+10 d22	0.33	0.09	4+5d10/15 L=120	0.90	0.67	29,28,21,20
117	s=13,m=4	ok,ok	1235.0	1.32	0.24	4d24 6+10 d22	0.15	0.06	4+5d10/15 L=120	0.81	0.61	45,30,21,20
			1442.5	1.32	0.24	4d24 6+10 d22	0.06	0.06	4+5d10/20 L=175	0.82	0.81	30,30,21,20
	[b=1.0;1.0]		1650.0	1.32	0.24	4d24 6+10 d22	0.22	0.05	4+5d10/15 L=120	0.82	0.61	29,30,21,20
49	s=13,m=4	ok,ok	1650.0	1.32	0.11	4d24 6+10 d22	0.08	0.03	4+5d10/15 L=120	1.00	0.74	41,25,21,21
			1800.0	1.32	0.11	4d24 6+10 d22	0.06	0.03	4+5d10/20 L=60	1.00	0.99	30,25,21,21
	[b=1.0;1.0]		1950.0	1.32	0.11	4d24 6+10 d22	0.16	0.02	4+5d10/15 L=120	1.00	0.75	41,25,21,21
					M P= 24 X=710.0 Y=2520.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
76	s=13,m=4	ok,ok	0.0	1.32	0.47	4d24 6+10 d22	0.60	0.21	4+5d10/15 L=120	0.92	0.72	30,27,22,22
			207.5	1.32	0.47	4d24 6+10 d22	0.24	0.20	4+5d10/20 L=175	0.92	0.96	30,27,22,22
	[b=1.0;1.0]		415.0	1.32	0.47	4d24 6+10 d22	0.22	0.20	4+5d10/15 L=120	0.92	0.72	34,27,22,22
309	s=13,m=4	ok,ok	415.0	1.32	0.41	4d24 6+10 d22	0.33	0.16	4+5d10/15 L=120	0.93	0.72	46,27,18,19
			620.0	1.32	0.41	4d24 6+10 d22	0.06	0.16	4+5d10/20 L=170	0.93	0.96	46,27,18,19
	[b=1.0;1.0]		825.0	1.32	0.41	4d24 6+10 d22	0.32	0.16	4+5d10/15 L=120	0.93	0.72	38,27,18,19
429	s=13,m=4	ok,ok	825.0	1.32	0.35	4d24 6+10 d22	0.30	0.12	4+5d10/15 L=120	0.88	0.69	38,27,18,20
			1030.0	1.32	0.35	4d24 6+10 d22	0.05	0.11	4+5d10/20 L=170	0.88	0.92	30,27,18,20
	[b=1.0;1.0]		1235.0	1.32	0.35	4d24 6+10 d22	0.34	0.11	4+5d10/15 L=120	0.89	0.69	38,27,18,20
183	s=13,m=4	ok,ok	1235.0	1.32	0.27	4d24 6+10 d22	0.20	0.07	4+5d10/15 L=120	0.82	0.63	38,35,18,20
			1442.5	1.32	0.27	4d24 6+10 d22	0.07	0.06	4+5d10/20 L=175	0.83	0.85	30,35,18,20
	[b=1.0;1.0]		1650.0	1.32	0.27	4d24 6+10 d22	0.26	0.06	4+5d10/15 L=120	0.83	0.63	38,35,18,20
30	s=13,m=4	ok,ok	1650.0	1.32	0.11	4d24 6+10 d22	0.11	0.03	4+5d10/15 L=120	0.97	0.73	38,37,21,21
			1800.0	1.32	0.11	4d24 6+10 d22	0.09	0.02	4+5d10/20 L=60	0.97	0.97	30,37,21,21
	[b=1.0;1.0]		1950.0	1.32	0.11	4d24 6+10 d22	0.16	0.02	4+5d10/15 L=120	0.97	0.73	30,37,21,21
					M P= 25 X=1010.0 Y=2520.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
83	s=4,m=4	ok,ok	0.0	1.35	0.55	4d24 4+4 d22	0.46	0.45	4+4d10/15 L=75	0.56	0.55	37,36,15,40
			207.5	1.35	0.55	4d24 4+4 d22	0.11	0.44	4+4d10/25 L=265	0.56	0.92	24,36,15,40
	[b=1.0;1.0]		415.0	1.35	0.55	4d24 4+4 d22	0.30	0.44	4+4d10/15 L=75	0.57	0.55	37,36,15,40
310	s=4,m=4	ok,ok	415.0	1.35	0.47	4d24 4+4 d22	0.42	0.33	4+4d10/15 L=75	0.60	0.54	31,36,15,40
			620.0	1.35	0.47	4d24 4+4 d22	0.07	0.32	4+4d10/25 L=260	0.60	0.90	4,36,15,40
	[b=1.0;1.0]		825.0	1.35	0.47	4d24 4+4 d22	0.41	0.32	4+4d10/15 L=75	0.61	0.54	31,36,15,40
430	s=4,m=4	ok,ok	825.0	1.35	0.40	4d24 4+4 d22	0.37	0.22	4+4d10/15 L=75	0.57	0.49	31,24,15,20
			1030.0	1.35	0.40	4d24 4+4 d22	0.05	0.21	4+4d10/25 L=260	0.57	0.82	4,24,15,20
	[b=1.0;1.0]		1235.0	1.35	0.40	4d24 4+4 d22	0.39	0.21	4+4d10/15 L=75	0.57	0.49	31,24,15,20
190	s=28,m=4	ok,ok	1235.0	1.35	0.31	4d24 4+4 d22	0.28	0.13	4+4d10/15 L=75	0.52	0.43	31,27,15,20
			1442.5	1.35	0.31	4d24 4+4 d22	0.03	0.12	4+4d10/25 L=265	0.52	0.72	35,27,15,20
	[b=1.0;1.0]		1650.0	1.35	0.31	4d24 4+4 d22	0.34	0.12	4+4d10/15 L=75	0.53	0.43	31,27,15,20
287	s=22,m=4	ok,ok	1650.0	1.62	0.14	4d24 4+4 d22	0.16	0.04	2+3d10/15 L=60	0.53	0.69	4,27,20,21
			1800.0	1.62	0.14	4d24 4+4 d22	0.09	0.04	2+3d10/20 L=180	0.53	0.92	30,27,20,21
	[b=1.0;1.0]		1950.0	1.62	0.14	4d24 4+4 d22	0.27	0.03	2+3d10/15 L=60	0.53	0.69	30,27,20,21
					M P= 26 X=1731.0 Y=2520.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
112	s=4,m=4	ok,ok	0.0	1.51	0.49	4d24 4+4 d24	0.50	0.41	4+4d10/15 L=75	0.67	0.57	31,34,15,40
			207.5	1.51	0.49	4d24 4+4 d24	0.13	0.41	4+4d10/25 L=265	0.67	0.95	30,34,15,40
	[b=1.0;1.0]		415.0	1.51	0.49	4d24 4+4 d24	0.36	0.40	4+4d10/15 L=75	0.68	0.57	31,34,15,40
311	s=4,m=4	ok,ok	415.0	1.51	0.41	4d24 4+4 d24	0.55	0.29	4+4d10/15 L=75	0.71	0.55	31,34,15,20

			620.0	1.51	0.41	4d24 4+4 d24	0.05	0.28	4+4d10/25 L=260	0.71	0.92	34,34,15,20
	[b=1.0;1.0]		825.0	1.51	0.41	4d24 4+4 d24	0.54	0.28	4+4d10/15 L=75	0.71	0.55	31,34,15,20
431	s=4,m=4	ok,ok	825.0	1.51	0.33	4d24 4+4 d24	0.47	0.17	4+4d10/15 L=75	0.66	0.50	31,34,15,20
			1030.0	1.51	0.33	4d24 4+4 d24	0.03	0.17	4+4d10/25 L=260	0.66	0.84	4,34,15,20
	[b=1.0;1.0]		1235.0	1.51	0.33	4d24 4+4 d24	0.50	0.16	4+4d10/15 L=75	0.66	0.50	31,34,15,20
196	s=4,m=4	ok,ok	1235.0	1.51	0.24	4d24 4+4 d24	0.34	0.08	4+4d10/15 L=75	0.57	0.44	31,32,15,20
			1442.5	1.51	0.24	4d24 4+4 d24	0.06	0.07	4+4d10/25 L=265	0.57	0.73	27,32,15,20
	[b=1.0;1.0]		1650.0	1.51	0.24	4d24 4+4 d24	0.41	0.07	4+4d10/15 L=75	0.58	0.44	31,32,15,20
M P= 27 X=-10.0 Y=2820.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
77	s=16,m=4	ok,ok	0.0	1.14	0.61	4d22 4+4 d22	0.72	0.44	4+4d10/12 L=87	0.71	0.47	40,41,40,41
			207.5	1.14	0.61	4d22 4+4 d22	0.13	0.43	4+4d10/25 L=240	0.72	0.93	41,41,40,41
	[b=1.0;1.0]		415.0	1.14	0.61	4d22 4+4 d22	0.44	0.43	4+4d10/12 L=87	0.72	0.47	40,41,40,41
108	s=16,m=4	ok,ok	415.0	1.14	0.50	4d22 4+4 d22	0.63	0.30	4+4d10/15 L=90	0.69	0.53	40,37,46,40
			620.0	1.14	0.50	4d22 4+4 d22	0.06	0.30	4+4d10/25 L=230	0.69	0.89	37,37,46,40
	[b=1.0;1.0]		825.0	1.14	0.50	4d22 4+4 d22	0.62	0.29	4+4d10/15 L=90	0.70	0.53	40,37,46,40
404	s=16,m=4	ok,ok	825.0	1.14	0.41	4d22 4+4 d22	0.51	0.18	4+4d10/15 L=90	0.62	0.48	40,25,40,40
			1030.0	1.14	0.41	4d22 4+4 d22	0.05	0.18	4+4d10/25 L=230	0.62	0.79	36,25,40,40
	[b=1.0;1.0]		1235.0	1.14	0.41	4d22 4+4 d22	0.57	0.17	4+4d10/15 L=90	0.62	0.48	40,25,40,40
184	s=16,m=4	ok,ok	1235.0	1.14	0.29	4d22 4+4 d22	0.37	0.08	4+4d10/15 L=90	0.54	0.40	40,25,46,40
			1442.5	1.14	0.29	4d22 4+4 d22	0.06	0.08	4+4d10/25 L=235	0.54	0.67	40,25,46,40
	[b=1.0;1.0]		1650.0	1.14	0.29	4d22 4+4 d22	0.51	0.07	4+4d10/15 L=90	0.54	0.40	40,25,46,40
M P= 28 X=710.0 Y=2820.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
78	s=16,m=4	ok,ok	0.0	1.14	0.64	4d22 4+4 d22	0.56	0.43	4+4d10/12 L=87	0.70	0.47	32,37,46,40
			207.5	1.14	0.64	4d22 4+4 d22	0.15	0.43	4+4d10/25 L=240	0.70	0.94	33,37,46,40
	[b=1.0;1.0]		415.0	1.14	0.64	4d22 4+4 d22	0.33	0.42	4+4d10/12 L=87	0.70	0.47	46,37,46,40
314	s=16,m=4	ok,ok	415.0	1.14	0.54	4d22 4+4 d22	0.50	0.31	4+4d10/15 L=90	0.70	0.54	46,37,46,40
			620.0	1.14	0.54	4d22 4+4 d22	0.07	0.31	4+4d10/25 L=230	0.70	0.90	4,37,46,40
	[b=1.0;1.0]		825.0	1.14	0.54	4d22 4+4 d22	0.49	0.30	4+4d10/15 L=90	0.70	0.54	46,37,46,40
434	s=16,m=4	ok,ok	825.0	1.14	0.44	4d22 4+4 d22	0.45	0.19	4+4d10/15 L=90	0.64	0.48	46,37,46,40
			1030.0	1.14	0.44	4d22 4+4 d22	0.05	0.19	4+4d10/25 L=230	0.64	0.80	4,37,46,40
	[b=1.0;1.0]		1235.0	1.14	0.44	4d22 4+4 d22	0.50	0.18	4+4d10/15 L=90	0.64	0.48	46,37,46,40
185	s=16,m=4	ok,ok	1235.0	1.14	0.31	4d22 4+4 d22	0.35	0.08	4+4d10/15 L=90	0.54	0.40	46,31,46,40
			1442.5	1.14	0.31	4d22 4+4 d22	0.07	0.08	4+4d10/25 L=235	0.54	0.66	38,31,46,40
	[b=1.0;1.0]		1650.0	1.14	0.31	4d22 4+4 d22	0.49	0.08	4+4d10/15 L=90	0.55	0.40	46,31,46,40
M P= 29 X=1010.0 Y=2820.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
82	s=16,m=4	ok,ok	0.0	1.14	0.66	4d22 4+4 d22	0.54	0.45	4+4d10/12 L=87	0.72	0.47	46,43,46,40
			207.5	1.14	0.66	4d22 4+4 d22	0.14	0.44	4+4d10/25 L=240	0.72	0.94	35,43,46,40
	[b=1.0;1.0]		415.0	1.14	0.66	4d22 4+4 d22	0.33	0.44	4+4d10/12 L=87	0.72	0.47	30,43,46,40
313	s=16,m=4	ok,ok	415.0	1.14	0.56	4d22 4+4 d22	0.56	0.32	4+4d10/15 L=90	0.73	0.54	30,43,46,20
			620.0	1.14	0.56	4d22 4+4 d22	0.09	0.32	4+4d10/25 L=230	0.73	0.90	38,43,46,20
	[b=1.0;1.0]		825.0	1.14	0.56	4d22 4+4 d22	0.55	0.31	4+4d10/15 L=90	0.74	0.54	30,43,46,20
433	s=16,m=4	ok,ok	825.0	1.14	0.45	4d22 4+4 d22	0.50	0.20	4+4d10/15 L=90	0.67	0.48	30,43,46,40
			1030.0	1.14	0.45	4d22 4+4 d22	0.05	0.19	4+4d10/25 L=230	0.67	0.81	4,43,46,40
	[b=1.0;1.0]		1235.0	1.14	0.45	4d22 4+4 d22	0.53	0.19	4+4d10/15 L=90	0.67	0.48	30,43,46,40
189	s=16,m=4	ok,ok	1235.0	1.14	0.31	4d22 4+4 d22	0.40	0.08	4+4d10/15 L=90	0.58	0.40	30,43,46,40
			1442.5	1.14	0.31	4d22 4+4 d22	0.05	0.08	4+4d10/25 L=235	0.58	0.67	31,43,46,40
	[b=1.0;1.0]		1650.0	1.14	0.31	4d22 4+4 d22	0.47	0.07	4+4d10/15 L=90	0.58	0.40	30,43,46,40
M P= 30 X=1731.0 Y=2820.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
84	s=3,m=4	ok,ok	0.0	1.06	0.47	4d22 4+6 d22	0.70	0.23	4+4d10/15 L=105	0.71	0.58	34,35,46,20
			207.5	1.06	0.47	4d22 4+6 d22	0.18	0.22	4+4d10/25 L=205	0.71	0.97	34,35,46,20
	[b=1.0;1.0]		415.0	1.06	0.47	4d22 4+6 d22	0.29	0.22	4+4d10/15 L=105	0.71	0.58	36,35,46,20
312	s=3,m=4	ok,ok	415.0	1.06	0.40	4d22 4+6 d22	0.48	0.16	4+4d10/15 L=105	0.71	0.56	34,23,43,20
			620.0	1.06	0.40	4d22 4+6 d22	0.04	0.16	4+4d10/25 L=200	0.71	0.94	4,23,43,20
	[b=1.0;1.0]		825.0	1.06	0.40	4d22 4+6 d22	0.46	0.15	4+4d10/15 L=105	0.71	0.56	36,23,43,20
432	s=3,m=4	ok,ok	825.0	1.06	0.32	4d22 4+6 d22	0.38	0.10	4+4d10/15 L=105	0.66	0.51	31,27,41,20
			1030.0	1.06	0.32	4d22 4+6 d22	0.05	0.10	4+4d10/25 L=200	0.67	0.85	31,27,41,20
	[b=1.0;1.0]		1235.0	1.06	0.32	4d22 4+6 d22	0.46	0.09	4+4d10/15 L=105	0.67	0.51	31,27,41,20
191	s=3,m=4	ok,ok	1235.0	1.06	0.22	4d22 4+6 d22	0.26	0.05	4+4d10/15 L=105	0.61	0.44	31,24,43,40
			1442.5	1.06	0.22	4d22 4+6 d22	0.08	0.04	4+4d10/25 L=205	0.61	0.73	31,24,43,40
	[b=1.0;1.0]		1650.0	1.06	0.22	4d22 4+6 d22	0.43	0.04	4+4d10/15 L=105	0.62	0.44	31,24,43,40
M P= 31 X=1731.0 Y=3381.0												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
445	s=1,m=4	ok,ok	0.0	1.75	0.42	4d24 6+10 d22	0.45	0.21	4+5d10/15 L=90	0.91	0.66	37,27,42,39
			207.5	1.75	0.42	4d24 6+10 d22	0.21	0.20	4+5d10/20 L=235	0.91	0.87	46,27,42,39
	[b=1.0;1.0]		415.0	1.75	0.42	4d24 6+10 d22	0.21	0.20	4+5d10/15 L=90	0.91	0.66	25,27,44,39
477	s=1,m=4	ok,ok	415.0	1.75	0.35	4d24 6+10 d22	0.29	0.14	4+5d10/15 L=90	0.91	0.65	25,27,40,40
			620.0	1.75	0.35	4d24 6+10 d22	0.02	0.14	4+5d10/20 L=230	0.91	0.86	27,27,40,40
	[b=1.0;1.0]		825.0	1.75	0.35	4d24 6+10 d22	0.28	0.13	4+5d10/15 L=90	0.91	0.65	25,27,40,40
460	s=1,m=4	ok,ok	825.0	1.75	0.26	4d24 6+10 d22	0.22	0.08	4+5d10/15 L=90	0.85	0.61	37,27,40,40
			1030.0	1.75	0.26	4d24 6+10 d22	0.04	0.08	4+5d10/20 L=230	0.85	0.81	34,27,40,40
	[b=1.0;1.0]		1235.0	1.75	0.26	4d24 6+10 d22	0.26	0.07	4+5d10/15 L=90	0.86	0.61	37,27,40,40

448	s=1,m=4	ok,ok	1235.0	1.75	0.16	4d24 6+10 d22	0.13	0.03	4+5d10/15 L=90	0.78	0.56	37,27,40,40
			1442.5	1.75	0.16	4d24 6+10 d22	0.05	0.02	4+5d10/25 L=235	0.78	0.94	31,27,40,40
	[b=1.0;1.0]		1650.0	1.75	0.16	4d24 6+10 d22	0.21	0.02	4+5d10/15 L=90	0.78	0.56	37,27,40,40
					M P= 32	X=-10.0	Y=3540.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
79	s=13,m=4	ok,ok	0.0	1.32	0.49	4d24 6+10 d22	0.65	0.26	4+5d10/15 L=120	0.96	0.77	27,25,20,20
			207.5	1.32	0.49	4d24 6+10 d22	0.27	0.25	4+5d10/15 L=175	0.96	0.77	30,25,20,20
	[b=1.0;1.0]		415.0	1.32	0.49	4d24 6+10 d22	0.22	0.25	4+5d10/15 L=120	0.96	0.77	43,25,20,20
147	s=13,m=4	ok,ok	415.0	1.32	0.42	4d24 6+10 d22	0.35	0.19	4+5d10/15 L=120	0.96	0.74	43,25,21,21
			620.0	1.32	0.42	4d24 6+10 d22	0.04	0.18	4+5d10/20 L=170	0.96	0.99	37,25,21,21
	[b=1.0;1.0]		825.0	1.32	0.42	4d24 6+10 d22	0.35	0.18	4+5d10/15 L=120	0.96	0.74	43,25,21,21
405	s=13,m=4	ok,ok	825.0	1.32	0.34	4d24 6+10 d22	0.30	0.12	4+5d10/15 L=120	0.91	0.68	43,25,21,21
			1030.0	1.32	0.34	4d24 6+10 d22	0.07	0.11	4+5d10/20 L=170	0.92	0.91	30,25,21,21
	[b=1.0;1.0]		1235.0	1.32	0.34	4d24 6+10 d22	0.37	0.11	4+5d10/15 L=120	0.92	0.68	43,25,21,21
186	s=13,m=4	ok,ok	1235.0	1.32	0.23	4d24 6+10 d22	0.26	0.05	4+5d10/15 L=120	0.87	0.62	43,25,21,21
			1442.5	1.32	0.23	4d24 6+10 d22	0.11	0.05	4+5d10/20 L=175	0.87	0.83	27,25,21,21
	[b=1.0;1.0]		1650.0	1.32	0.23	4d24 6+10 d22	0.39	0.04	4+5d10/15 L=120	0.87	0.62	43,25,21,21
					M P= 33	X=710.0	Y=3540.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
80	s=3,m=4	ok,ok	0.0	1.12	0.58	4d24 4+6 d22	0.77	0.40	4+4d10/12 L=100	0.82	0.57	27,29,27,40
			207.5	1.12	0.58	4d24 4+6 d22	0.19	0.39	4+4d10/20 L=215	0.83	0.92	46,29,27,40
	[b=1.0;1.0]		415.0	1.12	0.58	4d24 4+6 d22	0.34	0.39	4+4d10/12 L=100	0.83	0.57	27,29,27,40
154	s=3,m=4	ok,ok	415.0	1.12	0.48	4d24 4+6 d22	0.55	0.28	4+4d10/15 L=105	0.81	0.65	27,29,15,40
			620.0	1.12	0.48	4d24 4+6 d22	0.05	0.27	4+4d10/20 L=200	0.81	0.87	29,29,15,40
	[b=1.0;1.0]		825.0	1.12	0.48	4d24 4+6 d22	0.53	0.27	4+4d10/15 L=105	0.81	0.65	27,29,15,40
406	s=3,m=4	ok,ok	825.0	1.12	0.38	4d24 4+6 d22	0.42	0.16	4+4d10/15 L=105	0.75	0.56	27,25,15,40
			1030.0	1.12	0.38	4d24 4+6 d22	0.05	0.16	4+4d10/25 L=200	0.75	0.94	16,25,15,40
	[b=1.0;1.0]		1235.0	1.12	0.38	4d24 4+6 d22	0.51	0.15	4+4d10/15 L=105	0.75	0.56	27,25,15,40
187	s=3,m=4	ok,ok	1235.0	1.12	0.26	4d24 4+6 d22	0.32	0.06	4+4d10/15 L=105	0.67	0.47	43,25,15,20
			1442.5	1.12	0.26	4d24 4+6 d22	0.08	0.06	4+4d10/25 L=205	0.67	0.78	27,25,15,20
	[b=1.0;1.0]		1650.0	1.12	0.26	4d24 4+6 d22	0.49	0.05	4+4d10/15 L=105	0.67	0.47	43,25,15,20
					M P= 34	X=1010.0	Y=3540.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
81	s=3,m=4	ok,ok	0.0	1.12	0.54	4d24 4+6 d22	0.82	0.34	4+4d10/15 L=105	0.78	0.66	30,27,21,40
			207.5	1.12	0.54	4d24 4+6 d22	0.21	0.33	4+4d10/20 L=205	0.79	0.88	30,27,21,40
	[b=1.0;1.0]		415.0	1.12	0.54	4d24 4+6 d22	0.35	0.33	4+4d10/15 L=105	0.79	0.66	30,27,21,40
157	s=3,m=4	ok,ok	415.0	1.12	0.44	4d24 4+6 d22	0.56	0.23	4+4d10/15 L=105	0.77	0.62	30,27,21,40
			620.0	1.12	0.44	4d24 4+6 d22	0.05	0.23	4+4d10/20 L=200	0.78	0.83	27,27,21,40
	[b=1.0;1.0]		825.0	1.12	0.44	4d24 4+6 d22	0.55	0.23	4+4d10/15 L=105	0.78	0.62	30,27,21,40
407	s=3,m=4	ok,ok	825.0	1.12	0.36	4d24 4+6 d22	0.41	0.14	4+4d10/15 L=105	0.71	0.55	30,43,21,40
			1030.0	1.12	0.36	4d24 4+6 d22	0.05	0.13	4+4d10/25 L=200	0.71	0.91	27,43,21,40
	[b=1.0;1.0]		1235.0	1.12	0.36	4d24 4+6 d22	0.50	0.13	4+4d10/15 L=105	0.71	0.55	30,43,21,40
188	s=3,m=4	ok,ok	1235.0	1.12	0.24	4d24 4+6 d22	0.27	0.05	4+4d10/15 L=105	0.64	0.46	25,43,15,20
			1442.5	1.12	0.24	4d24 4+6 d22	0.07	0.05	4+4d10/25 L=205	0.65	0.77	30,43,15,20
	[b=1.0;1.0]		1650.0	1.12	0.24	4d24 4+6 d22	0.40	0.04	4+4d10/15 L=105	0.65	0.46	30,43,15,20
					M P= 35	X=1535.0	Y=3540.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
482	s=19,m=4	ok,ok	0.0	1.31	0.39	4d24 6+16 d24	0.74	0.17	4+6d12/15 L=180	1.00	0.71	36,33,45,46
			207.5	1.31	0.39	4d24 6+16 d24	0.43	0.16	4+6d12/20 L=55	1.00	0.96	34,33,33,46
	[b=1.0;1.0]		415.0	1.31	0.39	4d24 6+16 d24	0.21	0.16	4+6d12/15 L=180	1.00	0.72	27,33,45,46
483	s=19,m=4	ok,ok	415.0	1.31	0.33	4d24 6+16 d24	0.30	0.12	4+6d12/15 L=180	1.00	0.72	24,31,43,46
			620.0	1.31	0.33	4d24 6+16 d24	0.03	0.12	4+6d12/20 L=50	1.00	0.96	35,31,45,46
	[b=1.0;1.0]		825.0	1.31	0.33	4d24 6+16 d24	0.31	0.11	4+6d12/15 L=180	1.00	0.72	24,31,32,46
484	s=19,m=4	ok,ok	825.0	1.31	0.26	4d24 6+16 d24	0.26	0.07	4+6d12/15 L=180	1.00	0.63	27,31,46,43
			1030.0	1.31	0.26	4d24 6+16 d24	0.14	0.07	4+6d12/20 L=50	1.00	0.84	32,31,46,43
	[b=1.0;1.0]		1235.0	1.31	0.26	4d24 6+16 d24	0.30	0.06	4+6d12/15 L=180	1.00	0.63	24,31,44,43
485	s=19,m=4	ok,ok	1235.0	1.31	0.17	4d24 6+16 d24	0.19	0.03	4+6d12/15 L=180	1.00	0.52	28,35,36,41
			1442.5	1.31	0.17	4d24 6+16 d24	0.13	0.03	4+6d12/25 L=55	1.00	0.87	43,35,40,41
	[b=1.0;1.0]		1650.0	1.31	0.17	4d24 6+16 d24	0.28	0.02	4+6d12/15 L=180	1.00	0.52	27,35,34,41
Pilas.				%Af	r. snell.		V N/M	V N sis		V V/T cls	V V/T acc	
				2.71	0.72		0.95	0.54		1.00	0.99	

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
					kN m	kN m	kN m	kN m	cm	kN	kN
29	3.79	0.0	1.46	0.0	395.18	391.26	490.82	485.90	330.00	262.14	325.57
30	6.11	0.0	2.50	0.0	650.04	641.89	1682.24	1663.86	264.00	541.70	1401.87
33	6.14	0.0	2.15	0.0	648.48	640.33	1678.73	1660.33	264.00	540.40	1398.94
49	3.98	0.0	3.07	0.0	655.02	646.89	1693.45	1675.13	264.00	545.85	1411.21
50	3.99	0.0	3.08	0.0	653.70	645.57	1690.49	1672.15	264.00	544.75	1408.74
51	0.0	2.98	0.0	3.14	928.01	920.72	2290.76	2277.10	330.00	616.25	1522.62
52	0.0	2.62	0.0	2.40	1006.11	911.55	2518.01	2256.33	330.00	639.22	1591.45
53	4.24	3.99	3.30	3.08	698.94	687.96	1792.17	1767.57	330.00	462.30	1186.58
56	0.0	0.0	0.0	0.0	261.16	257.91	413.73	410.50	330.00	174.10	275.82

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
57	0.0	0.0	0.0	0.0	253.61	250.31	406.25	402.00	330.00	169.07	270.83
59	0.0	0.0	0.0	0.0	254.60	251.31	407.22	403.41	330.00	169.73	271.48
60	0.0	0.0	0.0	0.0	261.10	257.85	413.67	410.44	330.00	174.07	275.78
61	0.0	2.16	0.0	2.50	693.82	688.14	1431.62	1419.90	330.00	462.55	954.41
62	0.0	1.92	0.0	2.34	1192.94	1027.64	2994.30	2522.39	330.00	740.19	1838.90
63	0.0	1.89	0.0	2.30	1111.52	1027.76	2764.36	2522.61	330.00	713.09	1762.32
64	0.0	2.14	0.0	2.49	690.70	684.97	1425.34	1413.17	330.00	460.47	950.23
65	0.0	9.78	0.0	2.90	710.66	705.20	1459.15	1450.18	330.00	473.77	972.76
66	0.0	5.51	0.0	2.06	789.75	788.18	789.75	788.18	330.00	526.50	526.50
67	0.0	5.65	0.0	2.12	796.35	794.92	796.35	794.92	330.00	530.90	530.90
68	0.0	8.55	0.0	2.06	618.62	615.19	1036.88	1031.22	330.00	412.41	691.25
69	0.0	2.04	0.0	3.95	895.48	892.65	1609.33	1605.85	330.00	596.04	1071.73
71	0.0	7.08	0.0	1.97	951.15	945.64	2340.76	2327.55	330.00	632.26	1556.10
72	0.0	5.21	0.0	2.20	757.18	755.43	757.18	755.43	330.00	504.21	504.21
73	0.0	10.74	0.0	1.72	763.57	759.72	763.57	759.72	330.00	509.05	509.05
74	0.0	1.87	0.0	2.26	888.98	885.99	1601.39	1597.79	330.00	591.66	1066.39
76	0.0	7.02	0.0	2.50	843.76	834.65	2112.05	2093.19	330.00	559.47	1401.75
77	0.0	3.29	0.0	1.64	620.99	617.61	1040.78	1035.21	330.00	413.99	693.85
78	0.0	1.80	0.0	2.33	619.37	615.95	1038.11	1032.48	330.00	412.91	692.07
79	0.0	7.35	0.0	2.88	892.35	883.86	2212.48	2194.67	330.00	592.07	1469.05
80	0.0	2.21	0.0	2.42	765.33	760.49	1565.88	1557.62	330.00	508.61	1041.17
81	0.0	2.21	0.0	2.99	732.25	726.83	1510.31	1501.38	330.00	486.36	1003.89
82	0.0	1.62	0.0	2.73	623.55	620.88	1046.03	1040.60	330.00	415.70	697.36
83	0.0	4.68	0.0	1.98	747.49	744.79	747.49	744.79	330.00	497.42	497.42
84	0.0	3.00	0.0	2.71	639.57	632.71	1319.73	1306.00	330.00	426.38	879.82
105	1.85	0.0	4.94	0.0	488.03	478.59	1049.26	1030.72	330.00	325.35	699.51
106	2.32	0.0	2.91	0.0	706.67	696.60	1811.34	1786.92	330.00	467.76	1199.42
108	3.29	3.17	1.64	1.58	564.53	560.23	947.70	940.59	330.00	376.35	631.80
109	2.31	0.0	2.89	0.0	705.85	695.67	1809.28	1784.84	330.00	467.17	1198.04
110	1.84	0.0	4.92	0.0	484.71	475.26	1042.77	1024.12	330.00	323.14	695.18
111	7.86	0.0	2.39	0.0	503.29	493.96	1076.35	1060.82	330.00	335.53	717.56
112	0.0	8.71	0.0	1.40	769.77	766.04	769.77	766.04	330.00	513.18	513.18
113	4.74	0.0	2.02	0.0	622.19	614.64	622.19	614.64	330.00	414.79	414.79
114	4.79	0.0	2.04	0.0	623.76	616.22	623.76	616.22	330.00	415.84	415.84
115	6.84	0.0	1.87	0.0	435.35	428.14	744.96	732.93	330.00	290.24	496.64
117	3.73	3.98	3.25	3.07	691.89	680.87	1776.37	1751.63	330.00	457.58	1176.00
119	2.93	0.0	4.48	0.0	655.21	648.01	1238.61	1226.37	330.00	434.41	821.66
120	2.98	3.09	3.14	3.27	839.02	829.99	2102.24	2083.53	330.00	556.34	1395.26
121	2.62	3.00	2.40	2.55	827.62	818.52	2078.62	2059.72	330.00	548.71	1379.45
122	3.09	4.24	3.27	3.30	749.45	739.92	1915.88	1893.00	330.00	496.46	1269.63
124	3.00	3.73	2.55	3.25	739.04	729.47	1890.85	1867.54	330.00	489.50	1252.80
147	7.35	7.04	2.88	2.30	826.41	817.30	2076.11	2057.19	330.00	547.90	1377.77
154	2.21	2.17	2.42	1.98	694.59	688.76	1439.60	1427.02	330.00	461.12	955.54
157	2.21	2.17	2.99	2.91	664.43	657.66	1379.33	1365.92	330.00	440.70	915.08
178	6.52	6.14	2.02	2.15	716.86	707.09	1836.56	1812.38	330.00	474.65	1216.31
179	4.42	3.79	1.86	1.46	598.99	591.81	598.99	591.81	330.00	396.93	396.93
180	9.29	0.0	1.49	0.0	602.02	594.26	602.02	594.26	330.00	401.35	401.35
181	2.90	0.0	2.46	0.0	645.81	638.59	1222.43	1209.45	330.00	428.13	810.63
183	6.47	6.11	2.28	2.50	701.58	690.88	1798.65	1774.11	330.00	464.15	1190.92
184	3.00	0.0	1.49	0.0	430.60	423.35	737.19	724.58	330.00	287.06	491.46
185	1.57	0.0	2.04	0.0	431.30	424.06	738.34	725.82	330.00	287.53	492.23
186	8.31	0.0	2.60	0.0	682.94	671.86	1756.30	1731.39	330.00	451.60	1162.56
187	2.59	0.0	2.25	0.0	509.28	499.90	1100.45	1081.96	330.00	336.39	727.47
188	2.57	0.0	2.76	0.0	499.83	490.40	1081.81	1063.00	330.00	330.08	714.93
189	1.60	0.0	2.74	0.0	430.40	423.15	736.85	724.23	330.00	286.93	491.23
190	4.23	3.73	1.78	1.43	583.23	575.58	583.23	575.58	330.00	386.27	386.27
191	2.65	0.0	2.45	0.0	472.73	463.20	1019.10	1000.04	330.00	315.15	679.40
196	8.54	0.0	1.37	0.0	589.23	581.35	589.23	581.35	330.00	392.82	392.82
287	3.73	0.0	1.43	0.0	398.95	395.05	495.56	490.66	330.00	264.66	328.74
294	2.14	1.66	2.49	4.22	628.05	621.21	1296.66	1282.83	330.00	418.70	864.44
295	1.89	1.97	2.30	2.80	948.28	942.82	2333.88	2320.77	330.00	630.37	1551.55
296	1.92	2.00	2.34	2.85	947.50	942.03	2332.02	2318.88	330.00	629.84	1550.30
297	2.16	1.68	2.50	4.25	632.90	626.08	1306.39	1292.67	330.00	421.93	870.93
298	8.55	7.78	2.06	1.88	571.05	566.83	958.45	951.49	330.00	380.70	638.97
299	5.65	5.27	2.12	1.97	764.18	760.39	764.18	760.39	330.00	509.46	509.46
300	5.51	5.15	2.06	1.93	752.13	748.12	752.13	748.12	330.00	501.42	501.42
301	9.78	8.91	2.90	2.39	656.44	649.77	1353.10	1339.96	330.00	437.63	902.07
302	10.74	10.08	1.72	1.44	716.40	711.92	716.40	711.92	330.00	477.60	477.60
303	5.21	4.85	2.20	2.05	719.57	715.50	719.57	715.50	330.00	478.36	478.36
304	7.08	6.84	1.97	1.89	878.75	870.03	2184.18	2166.26	330.00	582.93	1450.15
306	2.04	2.25	3.95	4.29	834.23	830.47	1510.58	1503.82	330.00	554.90	1004.80
307	1.87	2.17	2.26	2.58	824.22	820.38	1492.59	1485.68	330.00	548.20	992.76
309	7.02	6.76	2.50	2.40	801.96	792.69	2025.30	2006.01	330.00	531.55	1343.77
310	4.68	4.52	1.98	1.91	695.96	691.51	695.96	691.51	330.00	462.49	462.49

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
311	8.71	8.67	1.40	1.39	714.70	710.19	714.70	710.19	330.00	476.47	476.47
312	3.00	2.29	2.71	2.09	588.51	580.04	1220.52	1205.98	330.00	392.34	813.68
313	1.62	1.52	2.73	2.58	572.93	568.74	961.56	954.63	330.00	381.96	641.04
314	1.80	1.70	2.33	2.20	567.89	563.62	953.23	946.20	330.00	378.59	635.49
404	3.17	3.00	1.58	1.49	500.52	495.20	847.28	839.37	330.00	333.68	564.85
405	7.04	8.31	2.30	2.60	755.10	745.60	1927.67	1906.74	330.00	500.24	1278.13
406	2.17	2.59	1.98	2.25	605.42	596.95	1264.58	1250.02	330.00	400.79	838.20
407	2.17	2.57	2.91	2.76	582.50	573.80	1225.28	1210.44	330.00	385.43	811.90
414	1.66	1.84	4.22	4.92	559.65	550.89	1171.15	1156.27	330.00	373.10	780.77
415	1.97	2.31	2.80	2.89	823.98	814.85	2071.07	2052.10	330.00	546.28	1374.39
416	2.00	2.32	2.85	2.91	823.95	814.82	2071.01	2052.05	330.00	546.26	1374.35
417	1.68	1.85	4.25	4.94	564.61	555.90	1179.60	1164.77	330.00	376.41	786.40
418	7.78	6.84	1.88	1.87	512.06	506.79	864.41	856.59	330.00	341.37	576.27
419	5.27	4.79	1.97	2.04	697.51	692.85	697.51	692.85	330.00	465.01	465.01
420	5.15	4.74	1.93	2.02	690.32	685.60	690.32	685.60	330.00	460.22	460.22
421	8.91	7.86	2.39	2.39	587.41	578.93	1218.63	1204.08	330.00	391.61	812.42
422	10.08	9.29	1.44	1.49	663.91	659.01	663.91	659.01	330.00	442.60	442.60
423	4.85	4.42	2.05	1.86	662.10	657.27	662.10	657.27	330.00	439.79	439.79
424	6.84	6.52	1.89	2.02	795.83	786.53	2012.55	1993.18	330.00	527.46	1335.24
426	2.25	2.93	4.29	4.48	742.82	736.09	1369.43	1359.45	330.00	492.97	909.63
427	2.17	2.90	2.58	2.46	726.09	719.27	1344.58	1334.42	330.00	481.79	893.00
429	6.76	6.47	2.40	2.28	751.82	742.31	1920.83	1898.77	330.00	498.04	1273.20
430	4.52	4.23	1.91	1.78	638.24	633.24	638.24	633.24	330.00	423.83	423.83
431	8.67	8.54	1.39	1.37	654.02	649.08	654.02	649.08	330.00	436.01	436.01
432	2.29	2.65	2.09	2.45	530.67	521.65	1122.11	1106.98	330.00	353.78	748.07
433	1.52	1.60	2.58	2.74	509.12	503.84	860.06	852.21	330.00	339.41	573.37
434	1.70	1.57	2.20	2.04	506.00	500.70	855.41	847.55	330.00	337.33	570.28
445	0.0	4.65	0.0	3.04	764.86	758.19	1402.00	1392.17	330.00	507.69	931.39
448	4.93	0.0	3.72	0.0	629.59	622.33	1193.16	1179.92	330.00	417.31	791.03
460	4.82	4.93	3.13	3.72	669.99	662.93	1260.74	1250.17	330.00	444.30	836.97
477	4.65	4.82	3.04	3.13	718.41	711.55	1333.14	1322.91	330.00	476.66	885.35
482	0.0	1.50	0.0	25.63	1203.09	1188.76	4438.85	4394.92	385.00	683.39	2523.93
483	1.50	1.44	25.63	24.77	1129.62	1115.10	4212.74	4167.80	380.00	653.99	2438.95
484	1.44	1.63	24.77	23.98	1052.73	1036.50	3973.81	3922.17	380.00	609.47	2300.63
485	1.63	0.0	23.98	0.0	975.48	958.65	3726.83	3672.68	380.00	564.75	2157.64
Pilas.					M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f		V M2-2	V M3-3
					1203.09	1188.76	4438.85	4394.92		740.19	2523.93

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
			2-2	3-3	Stato
29	0.02	0.05	0.0	0.0	ok
	0.02	0.05	0.0	0.0	ok
30	0.02	0.10	0.0	0.0	ok
	0.01	0.10	0.0	0.0	ok
33	0.02	0.10	0.0	0.0	ok
	0.01	0.10	0.0	0.0	ok
49	0.02	0.10	0.0	0.0	ok
	0.01	0.10	0.0	0.0	ok
50	0.02	0.10	0.0	0.0	ok
	0.01	0.10	0.0	0.0	ok
51	0.19	0.10	0.55	0.66	ok
	0.19	0.10	0.52	0.63	ok
52	0.19	0.10	0.51	0.62	ok
	0.18	0.10	0.48	0.59	ok
53	0.04	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
56	0.06	0.06	0.0	0.0	ok
	0.06	0.06	0.0	0.0	ok
57	0.05	0.06	0.0	0.0	ok
	0.04	0.06	0.0	0.0	ok
59	0.05	0.06	0.0	0.0	ok
	0.05	0.06	0.0	0.0	ok
60	0.06	0.06	0.0	0.0	ok
	0.06	0.06	0.0	0.0	ok
61	0.20	0.09	0.62	0.73	ok
	0.19	0.09	0.59	0.69	ok
62	0.32	0.16	0.67	0.79	ok
	0.31	0.16	0.66	0.77	ok
63	0.32	0.16	0.67	0.79	ok
	0.31	0.16	0.66	0.77	ok
64	0.20	0.09	0.60	0.71	ok
	0.19	0.09	0.57	0.68	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
65	0.22	0.09	0.71	0.83	ok
	0.21	0.09	0.68	0.80	ok
66	0.32	0.14	0.89	0.89	ok
	0.32	0.14	0.87	0.87	ok
67	0.35	0.14	0.98	0.98	ok
	0.34	0.14	0.96	0.96	ok
68	0.28	0.13	0.74	0.83	ok
	0.27	0.13	0.72	0.80	ok
69	0.32	0.14	0.81	0.92	ok
	0.32	0.14	0.79	0.90	ok
71	0.22	0.10	0.65	0.78	ok
	0.21	0.10	0.62	0.75	ok
72	0.32	0.14	0.90	0.90	ok
	0.32	0.14	0.87	0.87	ok
73	0.26	0.11	0.83	0.83	ok
	0.25	0.11	0.81	0.81	ok
74	0.31	0.14	0.77	0.87	ok
	0.31	0.14	0.75	0.85	ok
76	0.13	0.10	0.26	0.34	ok
	0.13	0.10	0.23	0.31	ok
77	0.28	0.13	0.76	0.84	ok
	0.28	0.13	0.74	0.82	ok
78	0.28	0.13	0.75	0.83	ok
	0.28	0.13	0.73	0.81	ok
79	0.17	0.10	0.41	0.51	ok
	0.16	0.10	0.39	0.48	ok
80	0.26	0.12	0.72	0.83	ok
	0.25	0.12	0.70	0.81	ok
81	0.22	0.09	0.72	0.84	ok
	0.21	0.09	0.69	0.81	ok
82	0.29	0.13	0.78	0.87	ok
	0.28	0.13	0.76	0.84	ok
83	0.29	0.11	0.99	0.99	ok
	0.29	0.11	0.97	0.97	ok
84	0.15	0.09	0.36	0.44	ok
	0.14	0.09	0.33	0.40	ok
105	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
106	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
108	0.20	0.10	0.56	0.64	ok
	0.19	0.10	0.54	0.61	ok
109	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
110	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
111	0.05	0.09	0.0	0.0	ok
	0.04	0.09	0.0	0.0	ok
112	0.27	0.11	0.88	0.88	ok
	0.26	0.11	0.85	0.85	ok
113	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
114	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
115	0.06	0.10	0.0	0.0	ok
	0.05	0.10	0.0	0.0	ok
117	0.04	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
119	0.04	0.11	0.0	0.0	ok
	0.03	0.11	0.0	0.0	ok
120	0.13	0.10	0.25	0.32	ok
	0.12	0.10	0.22	0.29	ok
121	0.12	0.10	0.21	0.28	ok
	0.12	0.10	0.18	0.25	ok
122	0.07	0.10	0.0	0.02	ok
	0.07	0.10	0.0	0.0	ok
124	0.07	0.10	0.0	0.0	ok
	0.06	0.10	0.0	0.0	ok
147	0.12	0.10	0.21	0.28	ok
	0.12	0.10	0.18	0.25	ok
154	0.18	0.09	0.52	0.62	ok
	0.17	0.09	0.49	0.58	ok
157	0.15	0.09	0.38	0.46	ok
	0.15	0.09	0.35	0.43	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
178	0.05	0.10	0.0	0.0	ok
	0.05	0.10	0.0	0.0	ok
179	0.10	0.11	0.11	0.11	ok
	0.09	0.11	0.09	0.09	ok
180	0.06	0.11	0.0	0.0	ok
	0.05	0.11	0.0	0.0	ok
181	0.03	0.11	0.0	0.0	ok
	0.03	0.11	0.0	0.0	ok
183	0.04	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
184	0.05	0.10	0.0	0.0	ok
	0.05	0.10	0.0	0.0	ok
185	0.06	0.10	0.0	0.0	ok
	0.05	0.10	0.0	0.0	ok
186	0.03	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
187	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
188	0.03	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
189	0.05	0.10	0.0	0.0	ok
	0.05	0.10	0.0	0.0	ok
190	0.08	0.11	0.05	0.05	ok
	0.08	0.11	0.03	0.03	ok
191	0.03	0.09	0.0	0.0	ok
	0.02	0.09	0.0	0.0	ok
196	0.05	0.11	0.0	0.0	ok
	0.04	0.11	0.0	0.0	ok
287	0.03	0.05	0.0	0.0	ok
	0.02	0.05	0.0	0.0	ok
294	0.14	0.09	0.31	0.38	ok
	0.13	0.09	0.28	0.35	ok
295	0.21	0.10	0.63	0.76	ok
	0.21	0.10	0.61	0.73	ok
296	0.21	0.12	0.50	0.60	ok
	0.21	0.12	0.48	0.58	ok
297	0.14	0.09	0.33	0.40	ok
	0.14	0.09	0.30	0.37	ok
298	0.21	0.10	0.61	0.68	ok
	0.20	0.10	0.58	0.65	ok
299	0.26	0.11	0.84	0.84	ok
	0.25	0.11	0.81	0.81	ok
300	0.24	0.11	0.76	0.76	ok
	0.23	0.11	0.73	0.73	ok
301	0.16	0.09	0.43	0.52	ok
	0.16	0.09	0.40	0.49	ok
302	0.19	0.11	0.53	0.53	ok
	0.18	0.11	0.51	0.51	ok
303	0.25	0.11	0.79	0.79	ok
	0.24	0.11	0.76	0.76	ok
304	0.16	0.10	0.37	0.46	ok
	0.15	0.10	0.34	0.43	ok
306	0.22	0.11	0.58	0.67	ok
	0.21	0.11	0.55	0.64	ok
307	0.20	0.11	0.51	0.59	ok
	0.19	0.11	0.49	0.57	ok
309	0.11	0.10	0.13	0.20	ok
	0.10	0.10	0.11	0.17	ok
310	0.21	0.11	0.64	0.64	ok
	0.21	0.11	0.61	0.61	ok
311	0.19	0.11	0.52	0.52	ok
	0.18	0.11	0.50	0.50	ok
312	0.11	0.09	0.15	0.20	ok
	0.10	0.09	0.12	0.17	ok
313	0.21	0.10	0.62	0.70	ok
	0.20	0.10	0.59	0.67	ok
314	0.20	0.10	0.59	0.66	ok
	0.20	0.10	0.56	0.63	ok
404	0.12	0.10	0.20	0.25	ok
	0.11	0.10	0.18	0.22	ok
405	0.08	0.10	0.0	0.04	ok
	0.07	0.10	0.0	0.01	ok
406	0.10	0.09	0.14	0.19	ok
	0.10	0.09	0.11	0.16	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
407	0.09	0.09	0.06	0.11	ok
	0.08	0.09	0.03	0.07	ok
414	0.09	0.09	0.05	0.09	ok
	0.08	0.09	0.02	0.06	ok
415	0.12	0.10	0.20	0.27	ok
	0.11	0.10	0.17	0.24	ok
416	0.12	0.10	0.20	0.27	ok
	0.11	0.10	0.17	0.24	ok
417	0.09	0.09	0.06	0.11	ok
	0.08	0.09	0.03	0.08	ok
418	0.13	0.10	0.26	0.31	ok
	0.13	0.10	0.24	0.28	ok
419	0.17	0.11	0.42	0.42	ok
	0.16	0.11	0.40	0.40	ok
420	0.16	0.11	0.38	0.38	ok
	0.15	0.11	0.35	0.35	ok
421	0.11	0.09	0.14	0.20	ok
	0.10	0.09	0.11	0.17	ok
422	0.12	0.11	0.23	0.23	ok
	0.12	0.11	0.21	0.21	ok
423	0.17	0.11	0.45	0.45	ok
	0.16	0.11	0.42	0.42	ok
424	0.10	0.10	0.12	0.18	ok
	0.10	0.10	0.09	0.15	ok
426	0.11	0.11	0.16	0.20	ok
	0.11	0.11	0.13	0.18	ok
427	0.10	0.11	0.10	0.14	ok
	0.09	0.11	0.07	0.11	ok
429	0.08	0.10	0.0	0.03	ok
	0.07	0.10	0.0	1.14e-03	ok
430	0.14	0.11	0.32	0.32	ok
	0.14	0.11	0.29	0.29	ok
431	0.11	0.11	0.18	0.18	ok
	0.11	0.11	0.15	0.15	ok
432	0.07	0.09	0.0	0.0	ok
	0.06	0.09	0.0	0.0	ok
433	0.13	0.10	0.25	0.30	ok
	0.12	0.10	0.22	0.27	ok
434	0.13	0.10	0.23	0.28	ok
	0.12	0.10	0.20	0.25	ok
445	0.13	0.11	0.24	0.29	ok
	0.13	0.11	0.21	0.27	ok
448	0.02	0.11	0.0	0.0	ok
	0.01	0.11	0.0	0.0	ok
460	0.05	0.11	0.0	0.0	ok
	0.05	0.11	0.0	0.0	ok
477	0.09	0.11	0.07	0.11	ok
	0.09	0.11	0.05	0.08	ok
482	0.11	0.13	0.10	0.16	ok
	0.10	0.13	0.08	0.14	ok
483	0.08	0.13	0.0	0.04	ok
	0.07	0.13	0.0	0.02	ok
484	0.05	0.13	0.0	0.0	ok
	0.04	0.13	0.0	0.0	ok
485	0.02	0.13	0.0	0.0	ok
	0.01	0.13	0.0	0.0	ok
			2-2	3-3	
			0.99	0.99	

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
				mm	cm		cm	cm		cm	cm				
6	NO	ok	180	12	8.0	4	90.0	47.2	4	60.0	47.2	0.5	0.9	NO	31,31
12	NO	ok	422	12	8.0	4	90.0	47.2	4	60.0	47.2	0.5	0.8	NO	40,34
16	SI	ok	423	12	12.5	4	80.0	47.2	4	60.0	47.2	0.5	0.9	SI	40,25
19	NO	ok	432	10	10.0	5	50.0	87.8	4	75.0	37.8	0.3	1.0	SI	30,40
21	NO	ok	433	12	10.0	4	50.0	67.4	4	75.0	37.4	0.4	0.9	NO	20,30
23	NO	ok	434	12	8.0	4	50.0	67.4	4	75.0	37.4	0.4	1.0	NO	45,36
38	NO	ok	404	12	8.0	4	50.0	67.4	4	75.0	37.4	0.5	1.0	NO	31,36
39	NO	ok	405	12	15.0	5	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	46,36
40	NO	ok	406	10	10.0	5	50.0	87.6	4	75.0	37.6	0.4	0.9	SI	38,20
42	NO	ok	407	10	8.0	5	50.0	87.6	4	75.0	37.6	0.3	0.8	SI	20,20
44	NO	ok	181	10	15.0	4	50.0	77.6	5	75.0	37.6	0.3	0.9	NO	15,28

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
46	NO	ok	421	10	8.0	5	50.0	87.8	4	100.0	37.8	0.4	0.9	SI	41,40
48	NO	ok	117	12	15.0	5	50.0	107.2	5	75.0	37.2	0.3	0.8	SI	38,16
53	NO	ok	345	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.5	SI	31,31
57	NO	ok	431	12	8.0	4	90.0	47.2	4	60.0	47.2	0.5	0.8	NO	40,33
71	NO	ok	56	12	15.0	2	40.0	47.4	4	60.0	27.4	0.5	0.8	NO	31,31
72	NO	ok	57	12	5.0	2	40.0	47.4	4	60.0	27.4	0.4	0.8	NO	15,15
75	NO	ok	59	12	5.0	2	40.0	47.4	4	60.0	27.4	0.4	0.8	NO	15,15
76	NO	ok	60	12	15.0	2	40.0	47.4	4	60.0	27.4	0.5	0.8	NO	31,31
77	NO	ok	61	10	12.5	5	50.0	87.8	4	75.0	37.8	0.4	0.9	SI	30,31
79	NO	ok	62	14	5.0	5	50.0	106.8	5	65.0	36.8	0.7	0.8	NO	30,20
81	NO	ok	63	14	5.0	5	50.0	106.8	5	65.0	36.8	0.7	0.8	NO	24,21
82	NO	ok	64	10	10.0	5	50.0	87.8	4	75.0	37.8	0.4	0.9	SI	24,41
84	NO	ok	65	10	15.0	5	50.0	87.8	4	100.0	37.8	0.4	0.5	SI	41,40
86	SI	ok	66	12	15.0	4	90.0	47.2	4	60.0	47.2	0.6	0.6	SI	39,42
88	SI	ok	67	12	15.0	4	90.0	47.2	4	60.0	47.2	0.7	0.5	SI	41,39
89	NO	ok	68	12	12.5	4	50.0	67.4	4	90.0	37.4	0.5	0.7	SI	37,31
90	NO	ok	69	10	12.5	4	50.0	77.6	5	75.0	37.6	0.4	1.0	SI	21,16
91	NO	ok	51	12	8.0	5	50.0	107.2	5	75.0	37.2	0.5	1.0	SI	16,17
93	NO	ok	71	12	8.0	5	50.0	107.2	5	65.0	37.2	0.8	0.9	NO	44,37
95	SI	ok	72	12	15.0	4	80.0	47.2	4	60.0	47.2	0.6	0.4	SI	44,45
97	NO	ok	73	12	10.0	4	90.0	47.2	4	60.0	47.2	0.6	0.9	NO	40,42
98	NO	ok	74	10	5.0	4	50.0	77.6	5	75.0	37.6	0.4	0.8	NO	46,39
99	NO	ok	52	12	5.0	5	50.0	107.2	5	75.0	37.2	0.5	0.8	NO	19,25
101	NO	ok	76	12	10.0	5	50.0	107.2	5	65.0	37.2	0.5	0.9	NO	41,46
102	NO	ok	77	12	8.0	4	50.0	67.4	4	75.0	37.4	0.5	0.9	SI	37,36
104	NO	ok	78	12	12.5	4	50.0	67.4	4	75.0	37.4	0.5	0.9	SI	37,20
105	NO	ok	79	12	15.0	5	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	34,36
106	NO	ok	80	10	10.0	5	50.0	87.6	4	75.0	37.6	0.5	1.0	SI	46,20
107	NO	ok	81	10	10.0	5	50.0	87.6	4	75.0	37.6	0.4	0.9	SI	20,18
109	NO	ok	82	12	8.0	4	50.0	67.4	4	75.0	37.4	0.5	0.8	SI	15,26
111	SI	ok	83	12	15.0	4	80.0	47.2	4	60.0	47.2	0.5	0.6	SI	44,25
113	NO	ok	84	10	15.0	5	50.0	87.8	4	75.0	37.8	0.3	0.6	SI	17,18
114	NO	ok	183	12	8.0	5	50.0	107.2	5	65.0	37.2	0.5	0.8	NO	45,36
126	NO	ok	153	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.6	SI	31,31
127	NO	ok	101	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	42,0
132	NO	ok	287	12	15.0	2	50.0	47.2	4	60.0	37.2	0.3	0.9	SI	31,15
133	NO	ok	29	12	15.0	2	50.0	47.2	4	60.0	37.2	0.3	0.9	SI	31,15
135	NO	ok	30	12	15.0	5	50.0	107.2	5	65.0	37.2	0.2	0.2	SI	31,15
136	NO	ok	49	12	15.0	5	50.0	107.2	5	75.0	37.2	0.2	0.2	SI	31,31
137	NO	ok	50	12	15.0	5	50.0	107.2	5	75.0	37.2	0.2	0.2	SI	31,31
139	NO	ok	33	12	15.0	5	50.0	107.2	5	65.0	37.2	0.2	0.2	SI	31,15
140	NO	ok	356	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.6	SI	31,31
141	NO	ok	483	12	10.0	4	60.0	166.2	6	75.0	37.2	0.7	1.0	NO	21,18
144	NO	ok	309	12	10.0	5	50.0	107.2	5	65.0	37.2	0.5	1.0	NO	45,46
145	NO	ok	429	12	10.0	5	50.0	107.2	5	65.0	37.2	0.5	1.0	NO	45,38
146	NO	ok	445	10	15.0	4	50.0	77.6	5	90.0	37.6	0.3	0.8	SI	43,46
147	NO	ok	192	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.5	SI	31,31
150	NO	ok	112	12	8.0	4	90.0	47.2	4	60.0	47.2	0.6	0.8	NO	40,31
151	NO	ok	184	12	8.0	4	50.0	67.4	4	75.0	37.4	0.4	0.9	NO	31,31
155	NO	ok	185	12	10.0	4	50.0	67.4	4	75.0	37.4	0.4	1.0	NO	15,15
158	NO	ok	424	12	10.0	5	50.0	107.2	5	65.0	37.2	0.6	1.0	NO	44,37
164	NO	ok	122	12	15.0	5	50.0	107.2	5	75.0	37.2	0.3	0.6	NO	37,39
168	NO	ok	347	12	12.5	3	70.0	59.2	3	70.0	57.2	0.3	0.9	SI	44,45
169	NO	ok	155	12	15.0	3	70.0	59.2	3	70.0	57.2	0.3	1.0	SI	44,45
170	NO	ok	186	12	15.0	5	50.0	107.2	5	75.0	37.2	0.3	0.6	NO	31,36
171	NO	ok	187	10	5.0	5	50.0	87.6	4	75.0	37.6	0.3	0.6	NO	15,15
173	NO	ok	188	10	5.0	5	50.0	87.6	4	75.0	37.6	0.3	0.6	NO	15,15
180	NO	ok	294	10	12.5	5	50.0	87.8	4	75.0	37.8	0.5	0.9	NO	30,21
181	NO	ok	295	14	5.0	5	50.0	106.8	5	75.0	36.8	0.7	0.8	NO	24,21
182	NO	ok	296	14	5.0	5	50.0	106.8	5	75.0	36.8	0.7	0.8	NO	30,19
183	NO	ok	297	10	12.5	5	50.0	87.8	4	75.0	37.8	0.5	0.9	NO	30,15
184	NO	ok	298	12	10.0	4	50.0	67.4	4	90.0	37.4	0.5	0.9	SI	37,31
185	SI	ok	299	12	15.0	4	90.0	47.2	4	60.0	47.2	0.6	0.8	NO	43,31
186	SI	ok	300	12	15.0	4	90.0	47.2	4	60.0	47.2	0.6	0.9	NO	39,34
187	NO	ok	301	10	10.0	5	50.0	87.8	4	100.0	37.8	0.4	0.8	SI	41,40
188	NO	ok	302	12	8.0	4	90.0	47.2	4	60.0	47.2	0.6	0.9	NO	40,34
189	SI	ok	303	12	15.0	4	80.0	47.2	4	60.0	47.2	0.5	0.6	SI	44,45
190	NO	ok	304	12	8.0	5	50.0	107.2	5	65.0	37.2	0.7	0.9	NO	44,37
191	NO	ok	120	12	8.0	5	50.0	107.2	5	75.0	37.2	0.4	0.8	SI	16,21
192	NO	ok	306	10	12.5	4	50.0	77.6	5	75.0	37.6	0.3	0.9	SI	17,27
193	NO	ok	307	10	5.0	4	50.0	77.6	5	75.0	37.6	0.4	0.8	NO	42,43
194	NO	ok	121	12	5.0	5	50.0	107.2	5	75.0	37.2	0.5	0.7	SI	19,22
195	NO	ok	482	12	10.0	4	60.0	166.2	6	75.0	37.2	0.7	1.0	NO	21,18
196	SI	ok	310	12	15.0	4	80.0	47.2	4	60.0	47.2	0.5	0.8	SI	44,25

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
197	NO	ok	311	12	8.0	4	90.0	47.2	4	60.0	47.2	0.5	0.8	NO	40,31
198	NO	ok	312	10	5.0	5	50.0	87.8	4	75.0	37.8	0.4	0.6	SI	17,46
199	NO	ok	313	12	8.0	4	50.0	67.4	4	75.0	37.4	0.5	0.8	NO	20,30
200	NO	ok	314	12	10.0	4	50.0	67.4	4	75.0	37.4	0.5	0.9	NO	37,24
201	NO	ok	108	12	8.0	4	50.0	67.4	4	75.0	37.4	0.5	0.9	NO	31,36
202	NO	ok	147	12	15.0	5	50.0	107.2	5	75.0	37.2	0.5	0.6	NO	34,36
203	NO	ok	154	10	8.0	5	50.0	87.6	4	75.0	37.6	0.5	1.0	SI	46,20
204	NO	ok	157	10	8.0	5	50.0	87.6	4	75.0	37.6	0.4	0.9	SI	20,18
206	NO	ok	426	10	15.0	4	50.0	77.6	5	75.0	37.6	0.3	0.9	NO	21,23
207	NO	ok	189	12	10.0	4	50.0	67.4	4	75.0	37.4	0.4	1.0	NO	15,15
210	NO	ok	87	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	38,0
214	NO	ok	118	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	41,0
222	SI	ok	190	14	8.0	4	80.0	46.8	4	60.0	46.8	0.4	0.9	SI	36,22
226	NO	ok	191	10	5.0	5	50.0	87.8	4	75.0	37.8	0.3	0.6	NO	31,31
232	NO	ok	351	12	10.0	3	70.0	59.2	3	70.0	57.2	0.3	0.8	SI	44,45
237	NO	ok	417	10	12.5	5	50.0	87.8	4	75.0	37.8	0.4	0.9	NO	27,15
240	NO	ok	418	12	8.0	4	50.0	67.4	4	90.0	37.4	0.4	0.8	NO	34,40
248	NO	ok	416	14	8.0	5	50.0	106.8	5	75.0	36.8	0.5	0.9	NO	30,19
251	NO	ok	427	10	5.0	4	50.0	77.6	5	75.0	37.6	0.4	0.9	NO	39,44
252	NO	ok	85	12	12.5	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	38,0
253	NO	ok	124	12	15.0	5	50.0	107.2	5	75.0	37.2	0.3	0.7	SI	42,19
255	NO	ok	338	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	35,0
260	NO	ok	196	12	8.0	4	90.0	47.2	4	60.0	47.2	0.5	0.9	NO	31,31
277	NO	ok	414	10	12.5	5	50.0	87.8	4	75.0	37.8	0.4	0.9	NO	30,21
278	NO	ok	164	12	10.0	3	70.0	59.2	3	70.0	57.2	0.3	1.0	SI	42,43
279	NO	ok	415	14	8.0	5	50.0	106.8	5	75.0	36.8	0.5	0.9	NO	27,21
282	NO	ok	319	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	37,0
283	SI	ok	419	12	15.0	4	90.0	47.2	4	60.0	47.2	0.5	0.8	SI	39,30
285	SI	ok	420	12	15.0	4	90.0	47.2	4	60.0	47.2	0.5	0.9	SI	40,30
292	NO	ok	342	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	33,0
301	NO	ok	290	12	15.0	3	70.0	59.2	3	70.0	57.2	0.2	0.0	NR	37,0
302	NO	ok	160	12	12.5	3	70.0	59.2	3	70.0	57.2	0.3	0.9	SI	44,45
305	NO	ok	352	12	8.0	3	70.0	59.2	3	70.0	57.2	0.3	0.9	SI	44,45
306	SI	ok	430	12	10.0	4	80.0	47.2	4	60.0	47.2	0.5	0.8	SI	44,30
316	NO	ok	353	12	5.0	3	70.0	59.2	3	70.0	57.2	0.3	0.8	SI	41,41
317	NO	ok	170	12	5.0	3	70.0	59.2	3	70.0	57.2	0.3	0.7	SI	46,43
326	NO	ok	105	10	12.5	5	50.0	87.8	4	75.0	37.8	0.3	1.0	NO	15,15
327	NO	ok	106	14	15.0	5	50.0	106.8	5	75.0	36.8	0.3	0.7	SI	15,15
328	NO	ok	109	14	15.0	5	50.0	106.8	5	75.0	36.8	0.3	0.7	SI	15,15
329	NO	ok	110	10	12.5	5	50.0	87.8	4	75.0	37.8	0.3	1.0	NO	15,21
330	NO	ok	111	10	5.0	5	50.0	87.8	4	100.0	37.8	0.3	0.6	NO	31,31
331	SI	ok	113	12	5.0	4	90.0	47.2	4	60.0	47.2	0.4	0.7	SI	31,15
332	SI	ok	114	12	5.0	4	90.0	47.2	4	60.0	47.2	0.4	0.7	SI	31,15
333	NO	ok	115	12	8.0	4	50.0	67.4	4	90.0	37.4	0.4	0.9	NO	31,31
334	NO	ok	119	10	15.0	4	50.0	77.6	5	75.0	37.6	0.3	0.9	NO	15,27
335	NO	ok	53	12	15.0	5	50.0	107.2	5	75.0	37.2	0.3	0.9	SI	45,27
336	NO	ok	178	12	8.0	5	50.0	107.2	5	65.0	37.2	0.5	0.8	NO	36,35
337	SI	ok	179	14	8.0	4	80.0	46.8	4	60.0	46.8	0.4	0.9	SI	31,18
340	NO	ok	484	12	10.0	4	60.0	166.2	6	75.0	37.2	0.6	0.8	NO	22,26
342	NO	ok	477	10	15.0	4	50.0	77.6	5	90.0	37.6	0.3	0.8	SI	40,46
345	NO	ok	460	10	15.0	4	50.0	77.6	5	90.0	37.6	0.2	0.3	SI	40,46
346	NO	ok	485	12	15.0	4	60.0	166.2	6	75.0	37.2	0.3	0.5	NO	15,26
348	NO	ok	448	10	15.0	4	50.0	77.6	5	90.0	37.6	0.2	0.4	SI	31,31
Nodo					Passo							V. 7.4.8	V. Ash		
					5.00										
												0.77	1.00		

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M T= 6	Z=415.0	P=32	P=35	Staffe	Rif. cmb
		cm					x/d	V N/M	V V/T cls	V V/T acc	L=cm	
316	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.73	0.33	0.41	2d10/15 L=80	30,21,46
	s=5,m=4	360.0	0.48	19.0	19.0	1.6	0.10	0.16	0.25	0.39	2d10/20 L=415	27,21,46
		720.0	0.48	19.0	19.0	1.6	0.10	0.81	0.33	0.41	2d10/15 L=80	27,21,46
315	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.88	0.70	0.89	2d10/15 L=200	27,20,46
	s=5,m=4	150.0	0.48	19.0	19.0	1.6	0.10	0.02	0.66	0.84	2d10/15 L=200	25,20,46
		300.0	0.48	19.0	19.0	1.6	0.10	0.92	0.70	0.89	2d10/15 L=200	27,20,46
6	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.88	0.56	0.28	4d10/14 L=110	30,41,46
	s=29,m=4	80.0	0.48	19.0	19.0	1.6	0.10	0.71	0.54	0.27	4d10/14 L=110	30,41,46
		160.0	0.48	19.0	19.0	1.6	0.10	0.50	0.52	0.25	4d10/14 L=110	27,41,46
472	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.51	0.57	0.49	2d10/15 L=80	27,31,46
	s=5,m=4	182.5	0.48	19.0	19.0	1.6	0.10	0.41	0.59	0.69	2d10/20 L=175	30,31,46
		365.0	0.57	19.0	22.8	1.6	0.11	0.88	0.69	0.66	2d10/15 L=85	27,31,46

489	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	0.02	0.03	0.04	2d10/15 L=102	1,1,9	
	s=5,m=4	63.5	0.57	19.0	22.8	1.6	0.11	7.85e-03	0.02	0.02	2d10/15 L=102	1,1,9	
		127.0	0.57	19.0	22.8	1.6	0.11	1.50e-03	2.32e-03	5.54e-04	2d10/15 L=102	28,34,30	
							M T= 14	Z=517.5	P=18	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
17	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.06	0.31	0.46	2d8/12 L=60	30,40,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.35	0.32	0.58	2d8/15 L=108	25,40,46	
		259.0	0.48	7.6	11.4	1.6	0.13	0.53	0.37	0.55	2d8/12 L=60	25,40,46	
197	ok,ok	0.0	0.48	11.4	11.4	1.6	0.12	0.97	0.57	0.57	2d8/12 L=64	30,32,46	
	s=10,m=4	155.3	0.48	11.4	7.6	1.6	0.13	0.01	0.56	0.65	2d8/15 L=103	39,32,46	
		310.7	0.48	11.4	11.4	1.6	0.12	0.93	0.57	0.57	2d8/15 L=67	30,32,46	
							M T= 15	Z=722.5	P=20	P=21			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
18	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.05	0.37	0.55	2d8/12 L=60	23,43,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.30	0.32	0.58	2d8/15 L=108	34,43,46	
		259.0	0.48	11.4	7.6	1.6	0.11	0.69	0.31	0.46	2d8/12 L=60	34,43,46	
437	ok,ok	0.0	0.48	11.4	11.4	1.6	0.12	0.94	0.66	0.61	2d8/12 L=64	27,43,46	
	s=10,m=4	155.3	0.48	7.6	11.4	1.6	0.13	0.02	0.67	0.75	2d8/15 L=103	34,43,46	
		310.7	0.63	7.6	15.2	1.6	0.15	0.97	0.69	0.65	2d8/15 L=67	30,43,46	
							M T= 32	Z=415.0	P=4	P=31			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
132	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.22	0.40	0.54	2d10/15 L=80	31,27,46	
	s=5,m=4	180.0	0.38	15.2	15.2	1.6	0.09	0.47	0.36	0.64	2d10/20 L=155	34,27,46	
		360.0	0.48	15.2	19.0	1.6	0.10	0.89	0.44	0.59	2d10/15 L=80	34,27,46	
86	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.72	0.45	0.53	2d10/15 L=80	34,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.26	0.34	2d10/20 L=435	4,27,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.97	0.45	0.53	2d10/15 L=80	31,27,46	
177	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.90	0.42	0.52	2d10/15 L=80	34,40,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.23	0.32	2d10/20 L=480	4,40,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.99	0.41	0.49	2d10/15 L=80	31,40,46	
107	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.85	0.35	0.40	2d10/15 L=80	34,20,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.32	0.22	0.27	2d10/20 L=500	4,20,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.65	0.35	0.40	2d10/15 L=80	31,20,46	
249	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.82	0.65	0.71	2d10/15 L=80	34,20,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.19	0.59	0.82	2d10/20 L=60	31,20,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.92	0.65	0.71	2d10/15 L=80	31,20,46	
449	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.98	0.38	0.37	2d10/15 L=80	34,37,46	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.09	0.35	0.43	2d10/20 L=306	34,37,46	
		561.0	0.48	19.0	19.0	1.6	0.10	0.89	0.38	0.37	2d10/15 L=80	31,37,46	
							M T= 39	Z=620.0	P=18	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
285	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.05	0.46	0.69	2d8/12 L=60	37,45,46	
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.40	0.36	0.64	2d8/15 L=84	24,45,46	
		235.0	0.48	11.4	11.4	1.6	0.12	0.71	0.46	0.69	2d8/12 L=60	3,45,46	
123	ok,ok	0.0	0.63	11.4	15.2	1.6	0.14	0.92	0.52	0.68	2d8/12 L=65	41,29,46	
	s=10,m=4	142.5	0.63	7.6	15.2	1.6	0.15	0.25	0.54	0.84	2d8/15 L=75	17,29,46	
		284.9	0.63	7.6	15.2	1.6	0.15	0.96	0.55	0.72	2d8/15 L=40	42,29,46	
332	ok,ok	0.0	0.63	7.6	15.2	1.6	0.15	0.53	0.53	0.79	2d8/12 L=60	35,43,46	
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.43	0.43	0.76	2d8/15 L=84	35,43,46	
		235.0	0.32	7.6	7.6	1.6	0.10	0.06	0.40	0.59	2d8/12 L=60	35,43,46	
							M T= 42	Z=415.0	P=14	P=23			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
127	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.90	0.28	0.32	2d10/15 L=80	40,41,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.20	0.22	0.30	2d10/20 L=510	1,41,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.79	0.29	0.34	2d10/15 L=80	41,41,46	
							M T= 43	Z=825.0	P=14	P=23			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
128	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.95	0.29	0.32	2d10/15 L=80	40,41,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.19	0.22	0.30	2d10/20 L=510	1,41,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.79	0.30	0.34	2d10/15 L=80	41,41,46	
							M T= 44	Z=415.0	P=1	P=4			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
129	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.81	0.18	0.19	2d8/12 L=60	21,43,46	
	s=21,m=4	360.0	0.32	7.6	7.6	1.6	0.10	0.20	0.14	0.16	2d8/15 L=540	20,43,46	
		720.0	0.32	7.6	7.6	1.6	0.10	0.68	0.18	0.19	2d8/12 L=60	20,43,46	
130	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.79	0.28	0.39	2d8/12 L=60	21,20,46	
	s=21,m=4	150.0	0.32	7.6	7.6	1.6	0.10	0.05	0.27	0.45	2d8/15 L=120	9,20,46	
		300.0	0.32	7.6	7.6	1.6	0.10	0.82	0.28	0.39	2d8/12 L=60	20,20,46	
131	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.67	0.18	0.19	2d8/12 L=60	21,33,46	
	s=21,m=4	360.5	0.32	7.6	7.6	1.6	0.10	0.20	0.14	0.16	2d8/15 L=541	21,33,46	
		721.0	0.32	7.6	7.6	1.6	0.10	0.82	0.18	0.19	2d8/12 L=60	20,33,46	
							M T= 45	Z=415.0	P=5	P=8			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
135	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.92	0.37	0.42	2d10/15 L=80	21,40,46	
	s=14,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.19	0.29	0.41	2d10/20 L=440	9,40,46	

		720.0	0.57	22.8	22.8	1.6	0.11	0.64	0.35	0.40	2d10/15 L=80	20,40,46	
134	ok,ok	0.0	0.95	38.0	38.0	1.6	0.12	0.91	1.00	0.69	4d10/15 L=80	21,40,46	
	s=29,m=4	150.0	0.95	38.0	38.0	1.6	0.12	0.02	0.96	0.88	4d10/20 L=90	4,40,46	
		300.0	0.95	38.0	38.0	1.6	0.12	0.90	1.00	0.69	4d10/15 L=80	20,40,46	
133	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.64	0.33	0.40	2d10/15 L=80	21,22,46	
	s=14,m=4	360.5	0.38	15.2	15.2	1.6	0.09	0.19	0.27	0.41	2d10/20 L=441	9,22,46	
		721.0	0.48	15.2	19.0	1.6	0.10	0.92	0.35	0.42	2d10/15 L=80	20,22,46	
							M T= 46	Z=415.0	P=1	P=13			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
217	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.23	0.40	0.54	2d10/15 L=80	41,30,46	
	s=5,m=4	180.0	0.38	15.2	15.2	1.6	0.09	0.49	0.36	0.64	2d10/20 L=155	40,30,46	
		360.0	0.48	15.2	19.0	1.6	0.10	0.93	0.44	0.59	2d10/15 L=80	40,30,46	
136	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.71	0.44	0.53	2d10/15 L=80	40,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.25	0.33	2d10/20 L=445	4,27,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.93	0.44	0.53	2d10/15 L=80	41,27,46	
320	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.92	0.88	0.56	2d10/15 L=80	40,21,46	
	s=5,m=4	125.0	0.48	15.2	19.0	1.6	0.10	0.51	0.81	0.61	2d10/20 L=50	41,21,46	
		250.0	0.38	15.2	15.2	1.6	0.09	0.53	0.75	0.36	2d10/15 L=80	41,21,46	
334	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.54	0.35	0.27	2d10/15 L=160	41,20,46	
	s=5,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.49	0.33	0.24	2d10/15 L=160	4,20,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.52	0.32	0.22	2d10/15 L=160	3,20,46	
336	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.54	0.55	0.31	2d10/15 L=80	40,19,46	
	s=5,m=4	155.0	0.48	15.2	19.0	1.6	0.10	0.63	0.63	0.58	2d10/20 L=85	40,19,46	
		310.0	0.48	15.2	19.0	1.6	0.10	0.91	0.71	0.55	2d10/15 L=80	41,19,46	
							M T= 47	Z=415.0	P=9	P=12			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
137	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.69	0.20	0.11	4d8/5 L=50	21,40,46	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.35	0.11	0.13	4d8/12 L=565	3,40,46	
		720.0	0.57	15.3	15.3	0.0	0.22	0.66	0.20	0.11	4d8/5 L=50	20,40,46	
138	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.71	0.26	0.16	4d8/5 L=50	21,41,46	
	s=20,m=4	150.0	0.57	15.3	15.3	0.0	0.22	8.72e-03	0.25	0.36	4d8/12 L=140	3,41,46	
		300.0	0.57	15.3	15.3	0.0	0.22	0.66	0.26	0.16	4d8/5 L=50	20,41,46	
139	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.50	0.16	0.08	4d8/5 L=50	21,31,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.12	0.13	4d8/12 L=566	4,31,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.53	0.16	0.08	4d8/5 L=50	20,31,46	
							M T= 48	Z=415.0	P=2	P=33			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
142	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.45	0.58	0.52	2d8/12 L=60	32,20,46	
	s=21,m=4	180.0	0.32	7.6	7.6	1.6	0.10	0.38	0.47	0.42	2d8/15 L=195	32,20,46	
		360.0	0.48	7.6	11.4	1.6	0.12	0.80	0.62	0.59	2d8/12 L=60	33,20,46	
141	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.93	0.41	0.51	2d10/15 L=70	38,46,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.71	0.20	0.27	2d10/20 L=525	4,46,46	
		720.0	0.54	11.4	19.0	1.6	0.12	0.80	0.42	0.53	2d10/15 L=70	35,46,46	
172	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.79	0.85	0.59	2d10/15 L=70	32,20,46	
	s=6,m=4	125.0	0.54	11.4	19.0	1.6	0.12	0.34	0.78	0.64	2d10/20 L=80	33,20,46	
		250.0	0.33	11.4	11.4	1.6	0.10	0.69	0.70	0.37	2d10/15 L=70	35,20,46	
333	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.70	0.24	0.27	2d10/15 L=160	35,41,46	
	s=6,m=4	80.0	0.43	15.2	11.4	1.6	0.11	0.61	0.22	0.23	2d10/15 L=160	4,41,46	
		160.0	0.43	15.2	11.4	1.6	0.11	0.64	0.19	0.18	2d10/15 L=160	3,41,46	
335	ok,ok	0.0	0.43	15.2	11.4	1.6	0.11	0.65	0.64	0.35	2d10/15 L=70	3,27,46	
	s=6,m=4	155.0	0.65	11.4	22.8	1.6	0.14	0.42	0.73	0.65	2d10/20 L=145	32,27,46	
		310.0	0.65	11.4	22.8	1.6	0.14	0.73	0.83	0.63	2d10/15 L=70	33,27,46	
171	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.90	0.87	0.37	2d10/8 L=60	38,46,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.06	0.80	0.33	2d10/8 L=59	4,46,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.69	0.87	0.37	2d10/8 L=60	35,46,46	
212	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.69	0.77	0.37	2d10/8 L=60	32,30,46	
	s=8,m=4	125.0	0.52	12.6	12.6	0.0	0.13	0.03	0.74	0.34	2d10/8 L=51	4,30,46	
		250.0	0.52	12.6	12.6	0.0	0.13	0.65	0.77	0.37	2d10/8 L=60	32,30,46	
169	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.74	0.78	0.37	2d10/8 L=60	36,24,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.07	0.71	0.33	2d10/8 L=59	33,24,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.70	0.78	0.37	2d10/8 L=60	37,24,46	
168	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.80	0.70	0.64	2d10/15 L=70	38,27,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.10	0.65	0.76	2d10/20 L=95	34,27,46	
		300.0	0.54	11.4	19.0	1.6	0.12	0.86	0.75	0.71	2d10/15 L=70	38,27,46	
167	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.83	0.47	0.58	2d10/15 L=70	36,43,46	
	s=6,m=4	360.0	0.43	15.2	11.4	1.6	0.11	0.70	0.27	0.27	2d10/20 L=515	4,43,46	
		720.0	0.54	11.4	19.0	1.6	0.12	0.85	0.47	0.58	2d10/15 L=70	35,43,46	
							M T= 49	Z=415.0	P=3	P=34			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
143	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.46	0.58	0.52	2d8/12 L=60	34,21,46	
	s=21,m=4	180.0	0.32	7.6	7.6	1.6	0.10	0.39	0.47	0.42	2d8/15 L=195	34,21,46	
		360.0	0.48	7.6	11.4	1.6	0.12	0.81	0.63	0.59	2d8/12 L=60	31,21,46	
144	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.96	0.39	0.51	2d10/15 L=70	32,43,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.72	0.19	0.27	2d10/20 L=525	3,43,46	
		720.0	0.54	11.4	19.0	1.6	0.12	0.80	0.41	0.53	2d10/15 L=70	31,43,46	

173	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.78	0.43	0.53	2d10/15 L=70	34,21,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.20	0.27	2d10/20 L=520	4,21,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.94	0.41	0.51	2d10/15 L=70	31,21,46	
174	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.92	0.39	0.47	2d10/15 L=70	34,21,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.63	0.19	0.24	2d10/20 L=520	4,21,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.76	0.39	0.47	2d10/15 L=70	31,21,46	
175	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.79	0.71	0.65	2d10/15 L=70	34,30,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.14	0.62	0.69	2d10/20 L=90	31,30,46	
		300.0	0.43	11.4	15.2	1.6	0.11	0.82	0.71	0.65	2d10/15 L=70	34,30,46	
176	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.84	0.61	0.66	2d10/15 L=70	34,41,46	
	s=6,m=4	115.0	0.43	11.4	15.2	1.6	0.11	0.47	0.58	0.83	2d10/20 L=50	34,41,46	
		230.0	0.33	11.4	11.4	1.6	0.10	0.56	0.56	0.58	2d10/15 L=70	33,41,46	
346	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.59	0.42	0.34	2d10/15 L=70	33,30,46	
	s=6,m=4	245.0	0.33	11.4	11.4	1.6	0.10	0.56	0.36	0.34	2d10/20 L=325	34,30,46	
		490.0	0.43	11.4	15.2	1.6	0.11	0.87	0.45	0.38	2d10/15 L=70	31,30,46	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
364	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.85	0.43	0.53	2d10/15 L=70	38,42,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.21	0.27	2d10/20 L=525	4,42,46	
		720.0	0.54	11.4	19.0	1.6	0.12	0.82	0.43	0.53	2d10/15 L=70	35,42,46	
373	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.85	0.95	0.64	2d10/15 L=70	32,20,46	
	s=6,m=4	125.0	0.54	11.4	19.0	1.6	0.12	0.35	0.87	0.70	2d10/20 L=80	33,20,46	
		250.0	0.43	15.2	11.4	1.6	0.11	0.59	0.80	0.41	2d10/15 L=70	4,20,46	
399	ok,ok	0.0	0.43	15.2	11.4	1.6	0.11	0.57	0.25	0.26	2d10/15 L=160	4,20,46	
	s=6,m=4	80.0	0.43	15.2	11.4	1.6	0.11	0.68	0.22	0.22	2d10/15 L=160	3,20,46	
		160.0	0.43	15.2	11.4	1.6	0.11	0.70	0.21	0.20	2d10/15 L=160	3,20,46	
401	ok,ok	0.0	0.43	15.2	11.4	1.6	0.11	0.71	0.69	0.37	2d10/15 L=70	3,27,46	
	s=6,m=4	155.0	0.65	11.4	22.8	1.6	0.14	0.44	0.79	0.69	2d10/20 L=145	32,27,46	
		310.0	0.65	11.4	22.8	1.6	0.14	0.76	0.88	0.66	2d10/15 L=70	33,27,46	
372	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.92	0.78	0.37	2d10/8 L=60	38,39,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.06	0.71	0.33	2d10/8 L=60	4,39,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.72	0.78	0.37	2d10/8 L=60	35,39,46	
214	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.73	0.73	0.37	2d10/8 L=60	38,27,46	
	s=8,m=4	125.0	0.52	12.6	12.6	0.0	0.13	0.02	0.69	0.34	2d10/8 L=51	3,27,46	
		250.0	0.52	12.6	12.6	0.0	0.13	0.71	0.73	0.37	2d10/8 L=60	38,27,46	
371	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.80	0.77	0.37	2d10/8 L=60	38,41,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.18	0.70	0.33	2d10/8 L=60	23,41,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.73	0.77	0.37	2d10/8 L=60	37,41,46	
370	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.83	0.68	0.64	2d10/15 L=70	38,27,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.10	0.64	0.76	2d10/20 L=95	34,27,46	
		300.0	0.54	11.4	19.0	1.6	0.12	0.90	0.73	0.70	2d10/15 L=70	38,27,46	
369	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.80	0.47	0.58	2d10/15 L=70	32,43,46	
	s=6,m=4	360.0	0.43	15.2	11.4	1.6	0.11	0.67	0.23	0.31	2d10/20 L=515	4,46,46	
		720.0	0.65	11.4	22.8	1.6	0.14	0.75	0.49	0.60	2d10/15 L=70	35,43,46	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
279	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.01	0.44	0.64	2d8/12 L=60	40,37,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.15	0.39	0.68	2d8/15 L=108	4,37,46	
		259.0	0.63	15.2	7.6	1.6	0.11	0.51	0.34	0.50	2d8/12 L=60	4,37,46	
410	ok,ok	0.0	0.63	15.2	11.4	1.6	0.14	0.81	0.60	0.69	2d8/12 L=64	27,43,46	
	s=10,m=4	155.7	0.48	7.6	11.4	1.6	0.13	0.11	0.61	0.85	2d8/15 L=103	27,43,46	
		311.4	0.63	7.6	15.2	1.6	0.15	0.87	0.63	0.73	2d8/15 L=68	30,43,46	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
283	ok,ok	0.0	0.48	7.6	11.4	1.6	0.13	2.71e-03	0.47	0.69	2d8/12 L=60	18,27,46	
	s=10,m=4	117.5	0.48	7.6	11.4	1.6	0.13	0.24	0.37	0.64	2d8/15 L=84	3,27,46	
		235.0	0.48	7.6	11.4	1.6	0.13	0.74	0.47	0.69	2d8/12 L=60	3,27,46	
442	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.90	0.46	0.49	2d8/12 L=65	46,27,46	
	s=10,m=4	142.9	0.48	7.6	11.4	1.6	0.13	0.08	0.47	0.61	2d8/15 L=75	3,27,46	
		285.7	0.48	7.6	11.4	1.6	0.13	0.72	0.49	0.53	2d8/15 L=41	46,27,46	
282	ok,ok	0.0	0.48	7.6	11.4	1.6	0.13	0.74	0.48	0.69	2d8/12 L=60	3,30,46	
	s=10,m=4	117.5	0.48	7.6	11.4	1.6	0.13	0.25	0.37	0.64	2d8/15 L=84	3,30,46	
		235.0	0.32	7.6	7.6	1.6	0.10	3.34e-03	0.41	0.59	2d8/12 L=60	31,30,46	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
286	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	2.80e-03	0.32	0.46	2d8/12 L=60	22,27,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.17	0.27	0.47	2d8/15 L=108	21,27,46	
		259.0	0.32	7.6	7.6	1.6	0.10	0.47	0.32	0.46	2d8/12 L=60	3,27,46	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
291	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.75	0.23	0.09	4d8/5 L=50	4,24,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.37	0.15	0.16	4d8/15 L=420	3,24,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.42	0.23	0.09	4d8/5 L=50	4,24,46	
354	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.42	0.41	0.15	4d8/5 L=50	4,46,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.18	0.38	0.42	4d8/15 L=100	20,46,46	

		200.0	0.71	12.7	12.7	0.0	0.24	0.73	0.41	0.15	4d8/5 L=50	3,46,46	
							M T= 74	Z=825.0	N=177	N=178			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
292	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.04	0.47	0.19	4d8/5 L=50	4,16,46	
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.14	0.43	0.52	4d8/15 L=60	4,16,46	
		160.0	0.71	12.7	12.7	0.0	0.24	0.05	0.47	0.19	4d8/5 L=50	3,16,46	
							M T= 75	Z=825.0	N=230	N=308			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
403	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.74	0.23	0.09	4d8/5 L=50	4,24,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.38	0.15	0.16	4d8/15 L=420	3,24,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.42	0.23	0.09	4d8/5 L=50	4,24,46	
293	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.43	0.42	0.15	4d8/5 L=50	4,43,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.20	0.39	0.42	4d8/15 L=100	20,43,46	
		200.0	0.71	12.7	12.7	0.0	0.24	0.74	0.42	0.15	4d8/5 L=50	3,43,46	
							M T= 77	Z=415.0	P=22	P=32			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
486	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	2.17e-03	1.97e-03	4.77e-04	2d10/10 L=102	42,24,39	
	s=5,m=4	63.5	0.38	15.2	15.2	1.6	0.09	0.01	0.02	0.02	2d10/10 L=102	42,1,9	
		127.0	0.38	15.2	15.2	1.6	0.09	0.03	0.03	0.03	2d10/10 L=102	1,1,9	
318	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.96	0.75	0.81	2d10/15 L=195	40,24,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.15	0.73	0.78	2d10/15 L=195	40,24,46	
		300.0	0.48	15.2	19.0	1.6	0.10	0.76	0.81	0.90	2d10/15 L=195	41,24,46	
317	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.85	0.45	0.52	2d10/15 L=80	40,46,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.55	0.26	0.31	2d10/20 L=495	4,46,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.95	0.45	0.52	2d10/15 L=80	41,46,46	
							M T= 78	Z=415.0	P=22	P=26			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
321	ok,ok	0.0	0.47	19.0	15.2	0.0	0.10	0.77	1.00	0.52	4d10/10 L=157	25,23,43	
	s=29,m=4	91.0	0.67	26.6	26.6	0.0	0.11	0.18	1.00	0.49	4d10/10 L=157	25,43,43	
		182.0	0.76	30.4	26.6	0.0	0.12	0.96	1.00	0.52	4d10/10 L=157	24,46,43	
324	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.59	0.45	0.16	4d10/10 L=80	30,40,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.11	0.40	0.14	4d10/10 L=168	25,40,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.81	0.45	0.16	4d10/10 L=80	30,40,46	
325	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.64	0.33	0.15	4d8/5 L=50	30,21,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.31	0.42	4d8/15 L=140	27,21,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.58	0.33	0.15	4d8/5 L=50	30,21,46	
326	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	30,40,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=561	4,40,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.48	0.15	0.08	4d8/5 L=50	27,40,46	
							M T= 79	Z=415.0	P=27	P=30			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
322	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.82	0.18	0.21	2d10/15 L=70	30,33,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.15	0.14	0.20	2d10/20 L=530	27,33,46	
		720.0	0.33	11.4	11.4	1.6	0.10	0.66	0.18	0.21	2d10/15 L=70	27,33,46	
323	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.86	0.37	0.45	2d10/15 L=70	30,21,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.15	0.39	0.63	2d10/20 L=110	3,21,46	
		300.0	0.43	11.4	15.2	1.6	0.11	0.76	0.40	0.49	2d10/15 L=70	27,21,46	
327	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.83	0.52	0.40	2d10/15 L=135	30,36,46	
	s=6,m=4	80.0	0.43	11.4	15.2	1.6	0.11	0.56	0.50	0.37	2d10/15 L=135	30,36,46	
		160.0	0.33	11.4	11.4	1.6	0.10	0.44	0.49	0.35	2d10/15 L=135	27,36,46	
348	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.48	0.27	0.29	2d10/15 L=70	27,40,46	
	s=6,m=4	182.5	0.33	11.4	11.4	1.6	0.10	0.66	0.18	0.22	2d10/20 L=225	4,40,46	
		365.0	0.33	11.4	11.4	1.6	0.10	0.69	0.25	0.26	2d10/15 L=70	30,40,46	
344	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.67	0.60	0.36	2d10/15 L=171	30,34,46	
	s=6,m=4	98.0	0.43	11.4	15.2	1.6	0.11	0.60	0.61	0.37	2d10/15 L=171	27,34,46	
		196.0	0.43	11.4	15.2	1.6	0.11	0.97	0.62	0.39	2d10/15 L=171	27,34,46	
							M T= 80	Z=415.0	P=13	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
328	ok,ok	0.0	0.47	19.0	15.2	0.0	0.10	0.63	1.00	0.53	4d10/10 L=157	26,44,40	
	s=29,m=4	91.0	0.67	26.6	26.6	0.0	0.11	0.20	1.00	0.57	4d10/10 L=157	30,38,40	
		182.0	0.67	26.6	26.6	0.0	0.11	0.94	1.00	0.61	4d10/10 L=157	26,19,40	
329	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.60	0.45	0.16	4d10/10 L=80	26,41,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.26	0.41	0.14	4d10/10 L=168	37,41,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.80	0.45	0.16	4d10/10 L=80	25,41,46	
330	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.65	0.35	0.15	4d8/5 L=50	25,40,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.33	0.42	4d8/15 L=140	28,40,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.60	0.35	0.15	4d8/5 L=50	25,40,46	
331	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	25,41,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=561	4,41,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.47	0.15	0.08	4d8/5 L=50	24,41,46	
							M T= 81	Z=415.0	N=212	N=236			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
337	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.69	0.22	0.09	4d8/5 L=50	4,24,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.37	0.14	0.16	4d8/15 L=420	3,24,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.36	0.22	0.09	4d8/5 L=50	4,24,46	

341	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.36	0.39	0.14	4d8/5 L=50	4,43,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.22	0.38	0.42	4d8/15 L=100	20,43,46	
		200.0	0.71	12.7	12.7	0.0	0.24	0.64	0.39	0.14	4d8/5 L=50	3,43,46	
							M T= 82	Z=415.0	N=213	N=238			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
339	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.69	0.23	0.09	4d8/5 L=50	4,24,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.37	0.15	0.16	4d8/15 L=420	3,24,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.36	0.23	0.09	4d8/5 L=50	4,24,46	
343	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.35	0.38	0.14	4d8/5 L=50	4,46,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.20	0.37	0.42	4d8/15 L=100	20,46,46	
		200.0	0.71	12.7	12.7	0.0	0.24	0.63	0.38	0.14	4d8/5 L=50	3,46,46	
							M T= 83	Z=415.0	N=256	N=258			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
340	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.04	0.46	0.19	4d8/5 L=50	4,16,46	
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.13	0.42	0.52	4d8/15 L=60	4,16,46	
		160.0	0.71	12.7	12.7	0.0	0.24	0.04	0.46	0.19	4d8/5 L=50	3,16,46	
							M T= 84	Z=825.0	P=8	P=31			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
349	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.87	0.45	0.53	2d10/15 L=80	34,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.27	0.38	2d10/20 L=435	4,27,46	
		720.0	0.57	15.2	22.8	1.6	0.11	0.84	0.46	0.56	2d10/15 L=80	31,27,46	
378	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.77	0.44	0.54	2d10/15 L=80	34,20,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.25	0.35	2d10/20 L=480	3,20,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.82	0.43	0.52	2d10/15 L=80	31,20,46	
350	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.72	0.37	0.43	2d10/15 L=80	34,20,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.33	0.24	0.31	2d10/20 L=500	4,20,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.74	0.36	0.40	2d10/15 L=80	31,20,46	
380	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.81	0.69	0.77	2d10/15 L=80	34,20,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.19	0.63	0.92	2d10/20 L=60	31,20,46	
		300.0	0.48	19.0	19.0	1.6	0.10	0.76	0.69	0.77	2d10/15 L=80	31,20,46	
464	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.82	0.39	0.40	2d10/15 L=80	31,37,46	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.08	0.36	0.48	2d10/20 L=306	34,37,46	
		561.0	0.48	19.0	19.0	1.6	0.10	0.96	0.39	0.40	2d10/15 L=80	31,37,46	
							M T= 85	Z=825.0	P=27	P=30			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
388	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.87	0.18	0.21	2d10/15 L=70	30,41,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.14	0.14	0.20	2d10/20 L=530	27,41,46	
		720.0	0.33	11.4	11.4	1.6	0.10	0.71	0.18	0.21	2d10/15 L=70	27,41,46	
389	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.90	0.38	0.45	2d10/15 L=70	30,21,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.12	0.40	0.63	2d10/20 L=110	3,21,46	
		300.0	0.43	11.4	15.2	1.6	0.11	0.75	0.41	0.49	2d10/15 L=70	27,21,46	
393	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.82	0.52	0.40	2d10/15 L=135	30,32,46	
	s=6,m=4	80.0	0.43	11.4	15.2	1.6	0.11	0.55	0.50	0.37	2d10/15 L=135	30,32,46	
		160.0	0.33	11.4	11.4	1.6	0.10	0.49	0.48	0.35	2d10/15 L=135	27,32,46	
379	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.52	0.27	0.29	2d10/15 L=70	27,40,46	
	s=6,m=4	182.5	0.33	11.4	11.4	1.6	0.10	0.63	0.18	0.22	2d10/20 L=225	4,40,46	
		365.0	0.33	11.4	11.4	1.6	0.10	0.66	0.25	0.27	2d10/15 L=70	30,40,46	
355	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.65	0.62	0.38	2d10/15 L=171	30,34,46	
	s=6,m=4	98.0	0.54	11.4	19.0	1.6	0.12	0.52	0.63	0.40	2d10/15 L=171	27,34,46	
		196.0	0.54	11.4	19.0	1.6	0.12	0.82	0.64	0.41	2d10/15 L=171	27,34,46	
							M T= 86	Z=825.0	P=5	P=8			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
359	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.95	0.43	0.46	2d10/15 L=80	20,40,46	
	s=14,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.20	0.34	0.45	2d10/20 L=440	1,40,46	
		720.0	0.57	22.8	22.8	1.6	0.11	0.70	0.39	0.41	2d10/15 L=80	20,40,46	
358	ok,ok	0.0	0.95	38.0	38.0	1.6	0.12	0.93	1.00	0.71	4d10/15 L=80	21,41,40	
	s=29,m=4	150.0	0.95	38.0	38.0	1.6	0.12	0.01	0.99	0.88	4d10/20 L=90	4,20,46	
		300.0	0.95	38.0	38.0	1.6	0.12	0.92	1.00	0.71	4d10/15 L=80	20,41,40	
357	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.70	0.37	0.41	2d10/15 L=80	21,22,46	
	s=14,m=4	360.5	0.38	15.2	15.2	1.6	0.09	0.20	0.32	0.44	2d10/20 L=441	9,22,46	
		721.0	0.57	15.2	22.8	1.6	0.11	0.95	0.41	0.46	2d10/15 L=80	21,22,46	
							M T= 87	Z=825.0	P=5	P=13			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
360	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.88	0.43	0.53	2d10/15 L=80	40,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.24	0.33	2d10/20 L=445	4,27,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.96	0.43	0.53	2d10/15 L=80	41,27,46	
386	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.89	0.89	0.55	2d10/15 L=80	46,21,46	
	s=5,m=4	125.0	0.48	15.2	19.0	1.6	0.10	0.55	0.83	0.61	2d10/20 L=50	41,21,46	
		250.0	0.38	15.2	15.2	1.6	0.09	0.55	0.76	0.36	2d10/15 L=80	41,21,46	
400	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.55	0.33	0.26	2d10/15 L=160	41,21,46	
	s=5,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.49	0.32	0.24	2d10/15 L=160	4,21,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.51	0.31	0.23	2d10/15 L=160	46,21,46	
402	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.52	0.55	0.32	2d10/15 L=80	46,19,46	
	s=5,m=4	155.0	0.48	15.2	19.0	1.6	0.10	0.58	0.63	0.59	2d10/20 L=85	40,19,46	
		310.0	0.48	15.2	19.0	1.6	0.10	0.97	0.71	0.56	2d10/15 L=80	41,19,46	

							M T= 88	Z=825.0	P=9	P=12		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
361	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.73	0.21	0.11	4d8/5 L=50	21,40,46
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.35	0.12	0.13	4d8/12 L=565	4,40,46
		720.0	0.57	15.3	15.3	0.0	0.22	0.67	0.21	0.11	4d8/5 L=50	20,40,46
362	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.72	0.26	0.16	4d8/5 L=50	21,41,46
	s=20,m=4	150.0	0.57	15.3	15.3	0.0	0.22	4.30e-03	0.25	0.36	4d8/12 L=140	20,41,46
		300.0	0.57	15.3	15.3	0.0	0.22	0.69	0.26	0.16	4d8/5 L=50	20,41,46
363	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.51	0.17	0.08	4d8/5 L=50	21,31,46
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.12	0.13	4d8/12 L=566	4,31,46
		721.0	0.57	15.3	15.3	0.0	0.22	0.56	0.17	0.08	4d8/5 L=50	20,31,46
							M T= 89	Z=825.0	P=7	P=34		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
367	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.88	0.41	0.53	2d10/15 L=70	34,39,46
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.74	0.19	0.27	2d10/20 L=525	4,39,46
		720.0	0.54	11.4	19.0	1.6	0.12	0.82	0.41	0.53	2d10/15 L=70	31,39,46
374	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.79	0.43	0.53	2d10/15 L=70	34,21,46
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.21	0.27	2d10/20 L=520	4,21,46
		720.0	0.43	11.4	15.2	1.6	0.11	0.94	0.42	0.51	2d10/15 L=70	31,21,46
375	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.95	0.39	0.47	2d10/15 L=70	34,21,46
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.63	0.19	0.24	2d10/20 L=520	4,21,46
		720.0	0.43	11.4	15.2	1.6	0.11	0.82	0.39	0.47	2d10/15 L=70	31,21,46
376	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.78	0.69	0.64	2d10/15 L=70	34,30,46
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.13	0.61	0.69	2d10/20 L=90	31,30,46
		300.0	0.43	11.4	15.2	1.6	0.11	0.82	0.69	0.64	2d10/15 L=70	34,30,46
377	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.86	0.62	0.68	2d10/15 L=70	34,41,46
	s=6,m=4	115.0	0.43	11.4	15.2	1.6	0.11	0.49	0.58	0.83	2d10/20 L=50	31,41,46
		230.0	0.33	11.4	11.4	1.6	0.10	0.59	0.57	0.59	2d10/15 L=70	31,41,46
365	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.62	0.42	0.34	2d10/15 L=70	31,30,46
	s=6,m=4	245.0	0.33	11.4	11.4	1.6	0.10	0.53	0.36	0.34	2d10/20 L=325	38,30,46
		490.0	0.43	11.4	15.2	1.6	0.11	0.92	0.44	0.38	2d10/15 L=70	31,30,46
							M T= 91	Z=825.0	P=32	P=35		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
382	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.81	0.33	0.41	2d10/15 L=80	30,21,46
	s=5,m=4	360.0	0.48	19.0	19.0	1.6	0.10	0.14	0.25	0.39	2d10/20 L=415	27,21,46
		720.0	0.48	19.0	19.0	1.6	0.10	0.78	0.33	0.41	2d10/15 L=80	27,21,46
381	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.87	0.69	0.89	2d10/15 L=200	30,20,46
	s=5,m=4	150.0	0.48	19.0	19.0	1.6	0.10	0.02	0.66	0.84	2d10/15 L=200	25,20,46
		300.0	0.48	19.0	19.0	1.6	0.10	0.84	0.69	0.89	2d10/15 L=200	27,20,46
447	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.92	0.57	0.20	4d10/10 L=110	30,21,46
	s=29,m=4	80.0	0.48	19.0	19.0	1.6	0.10	0.75	0.55	0.19	4d10/10 L=110	30,21,46
		160.0	0.48	19.0	19.0	1.6	0.10	0.52	0.54	0.18	4d10/10 L=110	27,21,46
481	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.53	0.58	0.32	2d10/10 L=80	27,31,46
	s=5,m=4	182.5	0.48	19.0	19.0	1.6	0.10	0.42	0.61	0.69	2d10/20 L=175	30,31,46
		365.0	0.57	19.0	22.8	1.6	0.11	0.91	0.71	0.66	2d10/15 L=85	27,31,46
490	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	9.52e-03	0.02	0.03	2d10/15 L=69	3,3,4
	s=5,m=4	47.0	0.57	19.0	22.8	1.6	0.11	4.94e-03	0.01	0.02	2d10/15 L=69	28,32,4
		94.0	0.57	19.0	22.8	1.6	0.11	2.41e-03	4.14e-03	4.42e-04	2d10/15 L=69	28,33,35
							M T= 92	Z=825.0	P=22	P=32		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
487	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	3.17e-03	3.28e-03	1.95e-04	2d10/4 L=69	42,30,43
	s=5,m=4	47.0	0.38	15.2	15.2	1.6	0.09	7.29e-03	0.01	4.63e-03	2d10/4 L=69	42,1,2
		94.0	0.38	15.2	15.2	1.6	0.09	0.01	0.02	7.31e-03	2d10/4 L=69	1,1,9
384	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.94	0.70	0.81	2d10/15 L=195	40,24,46
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.14	0.68	0.78	2d10/15 L=195	41,24,46
		300.0	0.48	15.2	19.0	1.6	0.10	0.79	0.76	0.90	2d10/15 L=195	40,24,46
383	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.86	0.45	0.52	2d10/15 L=80	40,46,46
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.52	0.27	0.34	2d10/20 L=495	4,46,46
		720.0	0.57	15.2	22.8	1.6	0.11	0.83	0.46	0.54	2d10/15 L=80	41,46,46
							M T= 93	Z=825.0	P=22	P=26		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
387	ok,ok	0.0	0.47	19.0	15.2	0.0	0.10	0.72	1.00	0.47	4d10/10 L=157	25,27,43
	s=29,m=4	91.0	0.67	26.6	22.8	0.0	0.11	0.15	1.00	0.49	4d10/10 L=157	25,35,43
		182.0	0.67	26.6	26.6	0.0	0.11	0.91	1.00	0.52	4d10/10 L=157	25,19,39
390	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.61	0.45	0.16	4d10/10 L=80	30,42,46
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.09	0.40	0.14	4d10/10 L=168	26,42,46
		538.0	0.38	15.2	15.2	0.0	0.09	0.84	0.45	0.16	4d10/10 L=80	27,42,46
391	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.68	0.35	0.15	4d8/5 L=50	30,41,46
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.33	0.42	4d8/15 L=140	27,41,46
		300.0	0.64	15.3	15.3	0.0	0.23	0.62	0.35	0.15	4d8/5 L=50	30,41,46
392	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	30,40,46
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=561	4,40,46
		721.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	27,40,46
							M T= 94	Z=825.0	P=13	P=17		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

394	ok,ok	0.0	0.47	19.0	15.2	0.0	0.10	0.58	1.00	0.53	4d10/10 L=157	26,34,40	
	s=29,m=4	91.0	0.57	22.8	22.8	0.0	0.11	0.18	1.00	0.56	4d10/10 L=157	30,24,40	
		182.0	0.67	22.8	26.6	0.0	0.11	0.95	1.00	0.59	4d10/10 L=157	26,41,40	
395	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.59	0.46	0.16	4d10/10 L=80	30,41,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.08	0.41	0.14	4d10/10 L=168	30,41,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.79	0.46	0.16	4d10/10 L=80	23,41,46	
396	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.71	0.35	0.15	4d8/5 L=50	25,40,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.34	0.42	4d8/15 L=140	28,40,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.66	0.35	0.15	4d8/5 L=50	25,40,46	
397	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	26,41,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=561	4,41,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	23,41,46	
							M T= 103	Z=825.0	P=31	P=35			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
454	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.15	1.00	0.77	2d10/10 L=35	29,32,37	
	s=25,m=4	126.2	0.36	11.4	11.4	1.6	0.09	0.21	0.97	0.74	2d10/10 L=35	29,33,46	
		252.4	0.36	11.4	11.4	1.6	0.09	0.57	1.00	0.77	2d10/10 L=0	24,33,46	
							M T= 105	Z=415.0	P=31	P=35			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
457	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.14	1.00	0.78	2d10/10 L=35	29,43,46	
	s=25,m=4	126.2	0.36	11.4	11.4	1.6	0.09	0.20	0.97	0.75	2d10/10 L=35	29,46,46	
		252.4	0.36	11.4	11.4	1.6	0.09	0.58	1.00	0.76	2d10/10 L=0	24,46,46	
							M T= 107	Z=825.0	N=152	N=153			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
463	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.47	0.57	0.19	4d8/5 L=50	3,43,46	
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.13	0.52	0.52	4d8/15 L=60	30,43,46	
		160.0	0.71	12.7	12.7	0.0	0.24	0.17	0.57	0.19	4d8/5 L=50	28,43,46	
							M T= 108	Z=825.0	N=47	N=349			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
465	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.36	0.44	0.13	4d8/5 L=50	36,27,46	
	s=9,m=4	115.0	0.71	12.7	12.7	0.0	0.24	0.13	0.43	0.36	4d8/15 L=130	32,27,46	
		230.0	0.71	12.7	12.7	0.0	0.24	0.18	0.44	0.13	4d8/5 L=50	43,27,46	
475	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.11	0.34	0.09	4d8/5 L=50	35,24,46	
	s=9,m=4	245.0	0.71	12.7	12.7	0.0	0.24	0.24	0.26	0.17	4d8/15 L=390	3,24,46	
		490.0	0.71	12.7	12.7	0.0	0.24	0.58	0.34	0.09	4d8/5 L=50	31,24,46	
							M T= 109	Z=825.0	N=141	N=179			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
466	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.60	0.36	0.10	4d8/5 L=50	34,27,46	
	s=9,m=4	360.0	0.71	12.7	12.7	0.0	0.24	0.37	0.25	0.15	4d8/15 L=471	1,27,46	
		720.0	0.71	12.7	12.7	0.0	0.24	0.19	0.36	0.10	4d8/5 L=50	31,27,46	
							M T= 111	Z=415.0	N=261	N=339			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
470	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.36	0.44	0.13	4d8/5 L=50	36,27,46	
	s=9,m=4	115.0	0.71	12.7	12.7	0.0	0.24	0.13	0.43	0.36	4d8/15 L=130	32,27,46	
		230.0	0.71	12.7	12.7	0.0	0.24	0.17	0.44	0.13	4d8/5 L=50	43,27,46	
473	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.10	0.33	0.09	4d8/5 L=50	35,24,46	
	s=9,m=4	245.0	0.71	12.7	12.7	0.0	0.24	0.25	0.26	0.17	4d8/15 L=390	3,24,46	
		490.0	0.71	12.7	12.7	0.0	0.24	0.55	0.33	0.09	4d8/5 L=50	31,24,46	
							M T= 112	Z=415.0	N=195	N=259			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
471	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.63	0.35	0.10	4d8/5 L=50	34,27,46	
	s=9,m=4	360.0	0.71	12.7	12.7	0.0	0.24	0.37	0.24	0.15	4d8/15 L=471	1,27,46	
		720.0	0.71	12.7	12.7	0.0	0.24	0.17	0.35	0.10	4d8/5 L=50	31,27,46	
							M T= 113	Z=415.0	N=281	N=338			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
474	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.47	0.57	0.19	4d8/5 L=50	3,43,46	
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.13	0.53	0.52	4d8/15 L=60	30,43,46	
		160.0	0.71	12.7	12.7	0.0	0.24	0.17	0.57	0.19	4d8/5 L=50	28,43,46	
							M T= 7	Z=1235.0	P=5	P=8			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
10	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.88	0.40	0.46	2d10/15 L=80	21,40,46	
	s=14,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.20	0.31	0.45	2d10/20 L=440	9,40,46	
		720.0	0.67	26.6	26.6	1.6	0.11	0.50	0.38	0.44	2d10/15 L=80	20,40,46	
8	ok,ok	0.0	0.67	26.6	26.6	1.6	0.11	0.89	0.73	0.49	4d10/15 L=80	21,40,46	
	s=29,m=4	150.0	0.67	26.6	26.6	1.6	0.11	0.02	0.70	0.93	4d10/30 L=90	3,40,46	
		300.0	0.67	26.6	26.6	1.6	0.11	0.89	0.73	0.49	4d10/15 L=80	20,40,46	
7	ok,ok	0.0	0.67	26.6	26.6	1.6	0.11	0.50	0.36	0.43	2d10/15 L=80	21,22,46	
	s=14,m=4	360.5	0.38	15.2	15.2	1.6	0.09	0.20	0.30	0.44	2d10/20 L=441	9,22,46	
		721.0	0.48	15.2	19.0	1.6	0.10	0.87	0.38	0.46	2d10/15 L=80	20,22,46	
							M T= 8	Z=1235.0	P=5	P=13			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
11	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.92	0.41	0.50	2d10/15 L=80	40,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.21	0.30	2d10/20 L=445	4,27,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.95	0.41	0.50	2d10/15 L=80	41,27,46	
9	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.93	0.79	0.52	2d10/15 L=80	46,21,46	

	s=5,m=4	125.0	0.38	15.2	15.2	1.6	0.09	0.44	0.72	0.56	2d10/20 L=50	46,21,46	
		250.0	0.38	15.2	15.2	1.6	0.09	0.50	0.65	0.32	2d10/15 L=80	41,21,46	
97	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.48	0.28	0.25	2d10/15 L=160	39,20,46	
	s=5,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.50	0.27	0.23	2d10/15 L=160	4,20,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.49	0.27	0.23	2d10/15 L=160	4,20,46	
99	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.49	0.52	0.33	2d10/15 L=80	4,21,46	
	s=5,m=4	155.0	0.48	15.2	19.0	1.6	0.10	0.43	0.60	0.60	2d10/20 L=85	46,21,46	
		310.0	0.48	15.2	19.0	1.6	0.10	0.81	0.68	0.57	2d10/15 L=80	41,21,46	
							M T= 16	Z=1235.0	P=9	P=12			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
47	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.65	0.20	0.11	4d8/5 L=50	21,40,46	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.35	0.11	0.13	4d8/12 L=565	10,40,46	
		720.0	0.57	15.3	15.3	0.0	0.22	0.59	0.20	0.11	4d8/5 L=50	20,40,46	
48	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.56	0.25	0.16	4d8/5 L=50	21,39,46	
	s=20,m=4	150.0	0.57	15.3	15.3	0.0	0.22	4.40e-03	0.24	0.36	4d8/12 L=140	1,39,46	
		300.0	0.57	15.3	15.3	0.0	0.22	0.53	0.25	0.16	4d8/5 L=50	20,39,46	
19	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.43	0.15	0.08	4d8/5 L=50	21,34,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=566	3,34,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	20,34,46	
							M T= 17	Z=1235.0	P=6	P=33			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
20	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.78	0.42	0.53	2d10/15 L=70	38,40,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.72	0.20	0.27	2d10/20 L=525	4,40,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.86	0.41	0.51	2d10/15 L=70	33,40,46	
54	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.93	0.85	0.60	2d10/15 L=70	32,20,46	
	s=6,m=4	125.0	0.43	11.4	15.2	1.6	0.11	0.32	0.77	0.65	2d10/20 L=80	32,20,46	
		250.0	0.43	15.2	11.4	1.6	0.11	0.59	0.70	0.37	2d10/15 L=70	4,20,46	
96	ok,ok	0.0	0.43	15.2	11.4	1.6	0.11	0.57	0.23	0.26	2d10/15 L=160	4,20,46	
	s=6,m=4	80.0	0.43	15.2	11.4	1.6	0.11	0.67	0.20	0.22	2d10/15 L=160	4,20,46	
		160.0	0.43	15.2	11.4	1.6	0.11	0.67	0.20	0.21	2d10/15 L=160	4,20,46	
98	ok,ok	0.0	0.43	15.2	11.4	1.6	0.11	0.69	0.62	0.34	2d10/15 L=70	4,27,46	
	s=6,m=4	155.0	0.54	11.4	19.0	1.6	0.12	0.35	0.71	0.65	2d10/20 L=145	32,27,46	
		310.0	0.54	11.4	19.0	1.6	0.12	0.83	0.81	0.63	2d10/15 L=70	33,27,46	
32	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.68	0.73	0.37	2d10/8 L=60	32,31,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.06	0.66	0.33	2d10/8 L=60	3,31,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.60	0.73	0.37	2d10/8 L=60	37,31,46	
221	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.60	0.71	0.37	2d10/8 L=60	38,24,46	
	s=8,m=4	125.0	0.52	12.6	12.6	0.0	0.13	0.13	0.68	0.34	2d10/8 L=51	24,24,46	
		250.0	0.52	12.6	12.6	0.0	0.13	0.56	0.71	0.37	2d10/8 L=60	36,24,46	
31	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.59	0.81	0.37	2d10/8 L=60	38,41,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.05	0.74	0.33	2d10/8 L=60	35,41,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.60	0.81	0.37	2d10/8 L=60	31,41,46	
28	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.73	0.64	0.65	2d10/15 L=70	38,27,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.11	0.58	0.76	2d10/20 L=95	38,27,46	
		300.0	0.54	11.4	19.0	1.6	0.12	0.77	0.68	0.72	2d10/15 L=70	38,27,46	
26	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.72	0.46	0.58	2d10/15 L=70	32,46,46	
	s=6,m=4	360.0	0.43	15.2	11.4	1.6	0.11	0.67	0.20	0.27	2d10/20 L=515	3,46,46	
		720.0	0.54	11.4	19.0	1.6	0.12	0.81	0.46	0.58	2d10/15 L=70	31,46,46	
							M T= 18	Z=1235.0	P=7	P=34			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
24	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.79	0.40	0.53	2d10/15 L=70	34,41,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.18	0.27	2d10/20 L=525	3,41,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.87	0.39	0.51	2d10/15 L=70	31,41,46	
70	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.88	0.40	0.51	2d10/15 L=70	34,21,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.69	0.18	0.24	2d10/20 L=520	4,21,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.85	0.40	0.51	2d10/15 L=70	31,21,46	
75	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.85	0.37	0.47	2d10/15 L=70	34,20,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.63	0.18	0.24	2d10/20 L=520	4,20,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.75	0.37	0.47	2d10/15 L=70	31,20,46	
116	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.59	0.63	0.64	2d10/15 L=70	34,30,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.11	0.55	0.69	2d10/20 L=90	31,30,46	
		300.0	0.33	11.4	11.4	1.6	0.10	0.77	0.59	0.57	2d10/15 L=70	31,30,46	
140	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.96	0.55	0.60	2d10/15 L=70	34,41,46	
	s=6,m=4	115.0	0.33	11.4	11.4	1.6	0.10	0.51	0.51	0.72	2d10/20 L=50	34,41,46	
		230.0	0.33	11.4	11.4	1.6	0.10	0.56	0.55	0.60	2d10/15 L=70	31,41,46	
21	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.58	0.40	0.34	2d10/15 L=70	31,30,46	
	s=6,m=4	245.0	0.33	11.4	11.4	1.6	0.10	0.46	0.34	0.34	2d10/20 L=325	38,30,46	
		490.0	0.43	11.4	15.2	1.6	0.11	0.81	0.42	0.38	2d10/15 L=70	31,30,46	
							M T= 28	Z=1235.0	P=22	P=26			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
43	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.46	0.89	0.33	4d10/10 L=157	25,39,46	
	s=29,m=4	91.0	0.38	15.2	15.2	0.0	0.09	0.16	0.87	0.32	4d10/10 L=157	25,39,46	
		182.0	0.47	19.0	15.2	0.0	0.10	0.91	0.85	0.31	4d10/10 L=157	24,39,46	
46	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.52	0.43	0.16	4d10/10 L=80	30,42,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.07	0.38	0.14	4d10/10 L=168	1,42,46	

		538.0	0.38	15.2	15.2	0.0	0.09	0.69	0.43	0.16	4d10/10 L=80	27,42,46	
88	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.59	0.35	0.15	4d8/5 L=50	30,41,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.33	0.42	4d8/15 L=140	27,41,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.53	0.35	0.15	4d8/5 L=50	30,41,46	
89	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.38	0.14	0.08	4d8/5 L=50	30,40,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=561	3,40,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.43	0.14	0.08	4d8/5 L=50	27,40,46	
							M T= 29	Z=1235.0	P=27	P=30			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
44	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.72	0.17	0.21	2d10/15 L=70	30,41,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.13	0.14	0.20	2d10/20 L=530	27,41,46	
		720.0	0.33	11.4	11.4	1.6	0.10	0.59	0.17	0.21	2d10/15 L=70	27,41,46	
45	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.70	0.35	0.43	2d10/15 L=70	30,21,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.11	0.34	0.54	2d10/20 L=110	3,21,46	
		300.0	0.33	11.4	11.4	1.6	0.10	0.77	0.35	0.43	2d10/15 L=70	27,21,46	
90	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.94	0.48	0.37	2d10/15 L=135	30,32,46	
	s=6,m=4	80.0	0.33	11.4	11.4	1.6	0.10	0.61	0.46	0.34	2d10/15 L=135	30,32,46	
		160.0	0.33	11.4	11.4	1.6	0.10	0.44	0.44	0.32	2d10/15 L=135	27,32,46	
260	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.47	0.25	0.29	2d10/15 L=70	27,40,46	
	s=6,m=4	182.5	0.33	11.4	11.4	1.6	0.10	0.64	0.17	0.21	2d10/20 L=225	4,40,46	
		365.0	0.33	11.4	11.4	1.6	0.10	0.56	0.24	0.27	2d10/15 L=70	30,40,46	
441	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.55	0.57	0.36	2d10/15 L=171	30,34,46	
	s=6,m=4	98.0	0.43	11.4	15.2	1.6	0.11	0.56	0.58	0.38	2d10/15 L=171	27,34,46	
		196.0	0.43	11.4	15.2	1.6	0.11	0.92	0.59	0.39	2d10/15 L=171	27,34,46	
							M T= 33	Z=1235.0	P=13	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
91	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.48	0.87	0.30	4d10/10 L=157	23,40,46	
	s=29,m=4	91.0	0.38	15.2	15.2	0.0	0.09	0.18	0.85	0.29	4d10/10 L=157	30,40,46	
		182.0	0.38	15.2	15.2	0.0	0.09	0.94	0.87	0.30	4d10/10 L=157	27,40,46	
92	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.52	0.44	0.16	4d10/10 L=80	30,41,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.06	0.39	0.14	4d10/10 L=168	1,41,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.65	0.44	0.16	4d10/10 L=80	30,41,46	
93	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.62	0.33	0.15	4d8/5 L=50	25,40,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.02	0.32	0.42	4d8/15 L=140	28,40,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.57	0.33	0.15	4d8/5 L=50	25,40,46	
94	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.39	0.15	0.08	4d8/5 L=50	26,41,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=561	4,41,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.43	0.15	0.08	4d8/5 L=50	23,41,46	
							M T= 34	Z=927.5	P=18	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
95	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.04	0.31	0.46	2d8/12 L=60	25,21,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.29	0.32	0.58	2d8/15 L=108	37,21,46	
		259.0	0.48	7.6	11.4	1.6	0.13	0.45	0.37	0.55	2d8/12 L=60	37,21,46	
199	ok,ok	0.0	0.48	11.4	11.4	1.6	0.12	0.82	0.56	0.57	2d8/12 L=64	25,32,46	
	s=10,m=4	155.3	0.48	11.4	7.6	1.6	0.13	0.03	0.54	0.65	2d8/15 L=103	25,32,46	
		310.7	0.48	11.4	11.4	1.6	0.12	0.74	0.56	0.57	2d8/15 L=67	25,32,46	
							M T= 35	Z=1235.0	N=320	N=321			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
100	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.71	0.23	0.09	4d8/5 L=50	4,25,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.36	0.15	0.16	4d8/15 L=420	3,25,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.36	0.23	0.09	4d8/5 L=50	4,25,46	
413	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.37	0.42	0.15	4d8/5 L=50	4,27,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.16	0.39	0.42	4d8/15 L=100	15,27,46	
		200.0	0.71	12.7	12.7	0.0	0.24	0.67	0.42	0.15	4d8/5 L=50	3,27,46	
							M T= 41	Z=1235.0	P=14	P=23			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
126	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.79	0.28	0.32	2d10/15 L=80	40,41,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.20	0.20	0.27	2d10/20 L=510	9,41,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.77	0.28	0.32	2d10/15 L=80	41,41,46	
							M T= 51	Z=1235.0	P=8	P=31			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
435	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.90	0.41	0.51	2d10/15 L=80	34,27,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.24	0.34	2d10/20 L=435	4,27,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.80	0.43	0.54	2d10/15 L=80	31,27,46	
182	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.79	0.41	0.52	2d10/15 L=80	34,20,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.22	0.32	2d10/20 L=480	4,20,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.85	0.39	0.49	2d10/15 L=80	31,20,46	
436	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.80	0.34	0.40	2d10/15 L=80	34,20,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.33	0.20	0.27	2d10/20 L=500	4,20,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.67	0.34	0.40	2d10/15 L=80	31,20,46	
272	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.56	0.62	0.70	2d10/15 L=80	34,20,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.16	0.56	0.82	2d10/20 L=60	35,20,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.70	0.62	0.70	2d10/15 L=80	31,20,46	
453	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.82	0.31	0.33	2d10/15 L=80	31,37,46	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.28	0.39	2d10/20 L=306	34,37,46	

		561.0	0.38	15.2	15.2	1.6	0.09	0.96	0.31	0.33	2d10/15 L=80	31,37,46	
							M T= 53	Z=1030.0	P=18	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
305	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.03	0.47	0.69	2d8/12 L=60	31,29,46	
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.39	0.36	0.64	2d8/15 L=84	36,29,46	
		235.0	0.48	11.4	11.4	1.6	0.12	0.71	0.47	0.69	2d8/12 L=60	3,29,46	
198	ok,ok	0.0	0.48	11.4	7.6	1.6	0.13	0.96	0.47	0.58	2d8/12 L=65	40,29,46	
	s=10,m=4	142.5	0.48	7.6	11.4	1.6	0.13	0.08	0.48	0.73	2d8/15 L=75	4,29,46	
		284.9	0.48	7.6	11.4	1.6	0.13	0.80	0.50	0.62	2d8/15 L=40	40,29,46	
425	ok,ok	0.0	0.48	7.6	11.4	1.6	0.13	0.70	0.47	0.69	2d8/12 L=60	3,45,46	
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.42	0.36	0.64	2d8/15 L=84	23,45,46	
		235.0	0.32	7.6	7.6	1.6	0.10	0.04	0.40	0.59	2d8/12 L=60	35,45,46	
							M T= 68	Z=1235.0	P=32	P=35			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
275	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.80	0.29	0.35	2d10/15 L=80	30,21,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.21	0.31	2d10/20 L=415	9,21,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.77	0.29	0.35	2d10/15 L=80	27,21,46	
273	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.75	0.56	0.73	2d10/15 L=200	30,20,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.02	0.53	0.68	2d10/15 L=200	25,20,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.72	0.56	0.73	2d10/15 L=200	27,20,46	
469	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.92	0.50	0.25	4d10/15 L=110	30,21,46	
	s=29,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.74	0.48	0.24	4d10/15 L=110	30,21,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.56	0.47	0.23	4d10/15 L=110	27,21,46	
467	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.56	0.49	0.40	2d10/15 L=80	27,31,46	
	s=5,m=4	182.5	0.38	15.2	15.2	1.6	0.09	0.44	0.52	0.59	2d10/20 L=175	30,31,46	
		365.0	0.48	15.2	19.0	1.6	0.10	0.91	0.62	0.59	2d10/15 L=85	27,31,46	
491	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	4.12e-03	9.49e-03	0.01	2d10/15 L=38	28,34,3	
	s=5,m=4	31.5	0.48	15.2	19.0	1.6	0.10	3.43e-03	8.44e-03	0.01	2d10/15 L=38	28,34,3	
		63.0	0.48	15.2	19.0	1.6	0.10	2.44e-03	3.35e-03	3.49e-04	2d10/15 L=38	28,34,36	
							M T= 69	Z=1235.0	P=22	P=32			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
488	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	2.51e-03	2.48e-03	5.21e-04	2d10/15 L=38	42,28,43	
	s=5,m=4	31.5	0.48	15.2	19.0	1.6	0.10	3.43e-03	7.57e-03	0.01	2d10/15 L=38	42,29,1	
		63.0	0.48	15.2	19.0	1.6	0.10	4.12e-03	8.62e-03	0.01	2d10/15 L=38	42,29,2	
278	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.56	0.69	0.90	2d10/15 L=195	40,24,46	
	s=5,m=4	150.0	0.48	15.2	19.0	1.6	0.10	0.10	0.61	0.78	2d10/15 L=195	41,24,46	
		300.0	0.48	15.2	19.0	1.6	0.10	0.57	0.69	0.90	2d10/15 L=195	40,24,46	
276	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.73	0.42	0.52	2d10/15 L=80	40,42,46	
	s=5,m=4	360.0	0.48	15.2	19.0	1.6	0.09	0.53	0.23	0.31	2d10/20 L=495	3,42,46	
		720.0	0.48	15.2	19.0	1.6	0.10	0.88	0.42	0.52	2d10/15 L=80	41,42,46	
							M T= 95	Z=1132.5	P=20	P=21			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
398	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.04	0.37	0.55	2d8/12 L=60	23,45,46	
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.26	0.32	0.58	2d8/15 L=108	18,45,46	
		259.0	0.48	11.4	7.6	1.6	0.11	0.62	0.31	0.46	2d8/12 L=60	18,45,46	
438	ok,ok	0.0	0.48	11.4	7.6	1.6	0.13	0.75	0.57	0.52	2d8/12 L=64	30,43,46	
	s=10,m=4	155.3	0.32	7.6	7.6	1.6	0.10	0.02	0.58	0.65	2d8/15 L=103	27,43,46	
		310.7	0.48	7.6	11.4	1.6	0.13	0.70	0.60	0.57	2d8/15 L=67	27,43,46	
							M T= 97	Z=1235.0	N=310	N=319			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
411	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.71	0.24	0.09	4d8/5 L=50	4,24,46	
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.36	0.16	0.16	4d8/15 L=420	3,24,46	
		520.0	0.71	12.7	12.7	0.0	0.24	0.36	0.24	0.09	4d8/5 L=50	4,24,46	
440	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.36	0.42	0.15	4d8/5 L=50	3,30,46	
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.15	0.39	0.42	4d8/15 L=100	20,30,46	
		200.0	0.71	12.7	12.7	0.0	0.24	0.65	0.42	0.15	4d8/5 L=50	3,30,46	
							M T= 98	Z=1235.0	N=174	N=311			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
412	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.05	0.46	0.19	4d8/5 L=50	4,16,46	
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.11	0.43	0.52	4d8/15 L=60	4,16,46	
		160.0	0.71	12.7	12.7	0.0	0.24	0.06	0.46	0.19	4d8/5 L=50	3,16,46	
							M T= 101	Z=1235.0	P=31	P=35			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
446	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.11	1.00	0.77	2d10/10 L=35	29,17,37	
	s=25,m=4	126.2	0.36	11.4	11.4	1.6	0.09	0.15	0.97	0.74	2d10/10 L=35	29,33,46	
		252.4	0.36	11.4	11.4	1.6	0.09	0.41	1.00	0.77	2d10/10 L=0	24,33,46	
							M T= 102	Z=1235.0	N=315	N=347			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
451	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.33	0.43	0.13	4d8/5 L=50	36,27,46	
	s=9,m=4	115.0	0.71	12.7	12.7	0.0	0.24	0.11	0.42	0.36	4d8/15 L=130	32,27,46	
		230.0	0.71	12.7	12.7	0.0	0.24	0.17	0.43	0.13	4d8/5 L=50	35,27,46	
459	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.10	0.33	0.09	4d8/5 L=50	35,24,46	
	s=9,m=4	245.0	0.71	12.7	12.7	0.0	0.24	0.24	0.25	0.17	4d8/15 L=390	3,24,46	
		490.0	0.71	12.7	12.7	0.0	0.24	0.55	0.33	0.09	4d8/5 L=50	4,24,46	
							M T= 104	Z=1235.0	N=211	N=340			

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
455	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.55	0.34	0.10	4d8/5 L=50	36,27,46
	s=9,m=4	360.0	0.71	12.7	12.7	0.0	0.24	0.37	0.23	0.15	4d8/15 L=471	1,27,46
		720.0	0.71	12.7	12.7	0.0	0.24	0.16	0.34	0.10	4d8/5 L=50	31,27,46
								M_T= 106	Z=1235.0	N=318	N=344	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
462	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.46	0.57	0.19	4d8/5 L=50	3,43,46
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.11	0.52	0.52	4d8/15 L=60	30,43,46
		160.0	0.71	12.7	12.7	0.0	0.24	0.16	0.57	0.19	4d8/5 L=50	28,43,46
								M_T= 19	Z=1546.2	P=20	P=21	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
23	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.03	0.31	0.46	2d8/12 L=60	20,43,46
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.22	0.27	0.47	2d8/15 L=108	22,43,46
		259.0	0.32	7.6	7.6	1.6	0.10	0.54	0.31	0.46	2d8/12 L=60	22,43,46
439	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.57	0.44	0.39	2d8/12 L=64	27,43,46
	s=10,m=4	155.7	0.32	7.6	7.6	1.6	0.10	0.04	0.43	0.44	2d8/15 L=103	3,43,46
		311.4	0.32	7.6	7.6	1.6	0.10	0.66	0.44	0.39	2d8/15 L=68	27,43,46
								M_T= 20	Z=1650.0	P=31	P=35	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
25	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.10	0.99	0.76	2d10/10 L=35	35,43,46
	s=25,m=4	126.2	0.36	11.4	11.4	1.6	0.09	0.11	0.98	0.75	2d10/10 L=35	23,43,46
		252.4	0.36	11.4	11.4	1.6	0.09	0.19	0.98	0.75	2d10/10 L=0	28,43,46
								M_T= 21	Z=1338.8	P=18	P=19	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
27	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.03	0.31	0.46	2d8/12 L=60	25,21,46
	s=10,m=4	129.5	0.32	7.6	7.6	1.6	0.10	0.24	0.27	0.47	2d8/15 L=108	37,21,46
		259.0	0.32	7.6	7.6	1.6	0.10	0.58	0.31	0.46	2d8/12 L=60	37,21,46
202	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.85	0.40	0.39	2d8/12 L=64	25,32,46
	s=10,m=4	155.7	0.32	7.6	7.6	1.6	0.10	0.04	0.38	0.44	2d8/15 L=103	37,32,46
		311.4	0.32	7.6	7.6	1.6	0.10	0.72	0.40	0.39	2d8/15 L=68	25,32,46
								M_T= 36	Z=1650.0	N=55	N=58	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
102	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.31	0.18	0.07	4d8/5 L=50	21,16,46
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.13	0.15	0.16	4d8/15 L=420	11,16,46
		520.0	0.71	12.7	12.7	0.0	0.24	0.20	0.18	0.07	4d8/5 L=50	4,16,46
200	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.20	0.37	0.14	4d8/5 L=50	4,37,46
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.08	0.36	0.42	4d8/15 L=100	15,37,46
		200.0	0.71	12.7	12.7	0.0	0.24	0.29	0.37	0.14	4d8/5 L=50	23,37,46
								M_T= 37	Z=1650.0	N=59	N=117	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
103	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.04	0.45	0.19	4d8/5 L=50	4,16,46
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.09	0.42	0.52	4d8/15 L=60	4,16,46
		160.0	0.71	12.7	12.7	0.0	0.24	0.04	0.45	0.19	4d8/5 L=50	4,16,46
								M_T= 38	Z=1650.0	N=54	N=56	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
271	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.32	0.18	0.07	4d8/5 L=50	21,16,46
	s=9,m=4	260.0	0.71	12.7	12.7	0.0	0.24	0.13	0.15	0.16	4d8/15 L=420	4,16,46
		520.0	0.71	12.7	12.7	0.0	0.24	0.20	0.18	0.07	4d8/5 L=50	4,16,46
104	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.20	0.38	0.14	4d8/5 L=50	4,27,46
	s=9,m=4	100.0	0.71	12.7	12.7	0.0	0.24	0.09	0.37	0.42	4d8/15 L=100	15,27,46
		200.0	0.71	12.7	12.7	0.0	0.24	0.31	0.38	0.14	4d8/5 L=50	20,27,46
								M_T= 40	Z=1650.0	P=14	P=23	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
125	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.57	0.26	0.31	2d10/15 L=80	46,41,46
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.18	0.18	0.27	2d10/20 L=510	1,41,46
		720.0	0.38	15.2	15.2	1.6	0.09	0.53	0.26	0.31	2d10/15 L=80	41,41,46
								M_T= 52	Z=1650.0	P=8	P=31	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
193	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.53	0.38	0.46	2d10/15 L=80	34,27,46
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.38	0.22	0.30	2d10/20 L=435	4,23,46
		720.0	0.38	15.2	15.2	1.6	0.09	0.64	0.38	0.46	2d10/15 L=80	31,27,46
230	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.60	0.34	0.45	2d10/15 L=80	34,40,46
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.35	0.18	0.28	2d10/20 L=480	4,40,46
		720.0	0.38	15.2	15.2	1.6	0.09	0.52	0.34	0.45	2d10/15 L=80	31,40,46
195	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.52	0.33	0.41	2d10/15 L=80	34,20,46
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.36	0.19	0.27	2d10/20 L=500	4,20,46
		720.0	0.38	15.2	15.2	1.6	0.09	0.47	0.33	0.41	2d10/15 L=80	31,20,46
232	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.27	0.62	0.70	2d10/15 L=80	34,24,46
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.11	0.56	0.82	2d10/20 L=60	35,24,46
		300.0	0.38	15.2	15.2	1.6	0.09	0.32	0.62	0.70	2d10/15 L=80	31,24,46
478	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.48	0.33	0.33	2d10/15 L=80	31,37,46
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.30	0.39	2d10/20 L=306	34,37,46
		561.0	0.38	15.2	15.2	1.6	0.09	0.59	0.33	0.33	2d10/15 L=80	31,37,46
								M_T= 54	Z=1650.0	P=27	P=30	
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

245	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.44	0.17	0.21	2d10/15 L=70	30,30,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.13	0.14	0.20	2d10/20 L=530	27,30,46	
		720.0	0.33	11.4	11.4	1.6	0.10	0.37	0.17	0.21	2d10/15 L=70	27,30,46	
246	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.33	0.38	0.43	2d10/15 L=70	30,18,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.15	0.36	0.54	2d10/20 L=110	4,18,46	
		300.0	0.33	11.4	11.4	1.6	0.10	0.44	0.38	0.43	2d10/15 L=70	27,18,46	
251	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.61	0.34	0.35	2d10/15 L=135	30,36,46	
	s=6,m=4	80.0	0.33	11.4	11.4	1.6	0.10	0.36	0.32	0.32	2d10/15 L=135	30,36,46	
		160.0	0.33	11.4	11.4	1.6	0.10	0.32	0.31	0.30	2d10/15 L=135	27,36,46	
231	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.33	0.23	0.27	2d10/15 L=70	27,41,46	
	s=6,m=4	182.5	0.33	11.4	11.4	1.6	0.10	0.59	0.15	0.21	2d10/20 L=225	4,41,46	
		365.0	0.33	11.4	11.4	1.6	0.10	0.38	0.22	0.27	2d10/15 L=70	30,41,46	
201	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.38	0.36	0.29	2d10/15 L=171	30,34,46	
	s=6,m=4	98.0	0.33	11.4	11.4	1.6	0.10	0.41	0.36	0.30	2d10/15 L=171	27,34,46	
		196.0	0.33	11.4	11.4	1.6	0.10	0.73	0.37	0.32	2d10/15 L=171	27,34,46	
							M T= 55	Z=1650.0	P=5	P=8			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
205	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.57	0.31	0.32	2d10/15 L=80	21,40,46	
	s=14,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.25	0.30	2d10/20 L=440	21,40,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.55	0.31	0.32	2d10/15 L=80	20,40,46	
204	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.67	0.43	0.29	4d10/15 L=80	21,43,46	
	s=29,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.04	0.41	0.54	4d10/30 L=90	4,43,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.68	0.43	0.29	4d10/15 L=80	20,43,46	
203	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.54	0.29	0.32	2d10/15 L=80	21,34,46	
	s=14,m=4	360.5	0.38	15.2	15.2	1.6	0.09	0.17	0.23	0.30	2d10/20 L=441	20,18,46	
		721.0	0.38	15.2	15.2	1.6	0.09	0.57	0.29	0.32	2d10/15 L=80	20,34,46	
							M T= 56	Z=1650.0	P=5	P=13			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
206	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.56	0.37	0.47	2d10/15 L=80	40,28,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.21	0.30	2d10/20 L=445	4,28,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.55	0.37	0.47	2d10/15 L=80	41,28,46	
240	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.52	0.49	0.44	2d10/15 L=80	46,22,46	
	s=5,m=4	125.0	0.38	15.2	15.2	1.6	0.09	0.21	0.43	0.48	2d10/20 L=50	43,22,46	
		250.0	0.38	15.2	15.2	1.6	0.09	0.28	0.38	0.27	2d10/15 L=80	4,22,46	
265	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.27	0.24	0.25	2d10/15 L=160	4,17,46	
	s=5,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.31	0.22	0.23	2d10/15 L=160	4,17,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.32	0.22	0.23	2d10/15 L=160	46,17,46	
269	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.32	0.35	0.25	2d10/15 L=80	46,25,46	
	s=5,m=4	155.0	0.38	15.2	15.2	1.6	0.09	0.26	0.42	0.47	2d10/20 L=85	42,25,46	
		310.0	0.38	15.2	15.2	1.6	0.09	0.55	0.49	0.46	2d10/15 L=80	39,25,46	
							M T= 57	Z=1650.0	P=9	P=12			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
207	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.35	0.14	0.08	4d8/5 L=50	21,21,46	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.16	0.10	0.13	4d8/12 L=565	4,21,46	
		720.0	0.57	15.3	15.3	0.0	0.22	0.31	0.14	0.08	4d8/5 L=50	20,21,46	
208	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.31	0.25	0.16	4d8/5 L=50	21,21,46	
	s=20,m=4	150.0	0.57	15.3	15.3	0.0	0.22	3.85e-03	0.23	0.36	4d8/12 L=140	21,21,46	
		300.0	0.57	15.3	15.3	0.0	0.22	0.35	0.25	0.16	4d8/5 L=50	20,21,46	
209	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.33	0.15	0.08	4d8/5 L=50	21,31,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=566	11,31,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.37	0.15	0.08	4d8/5 L=50	20,31,46	
							M T= 58	Z=1650.0	P=6	P=33			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
210	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.78	0.37	0.47	2d10/15 L=70	32,40,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.79	0.17	0.24	2d10/20 L=525	4,40,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.71	0.38	0.50	2d10/15 L=70	4,40,46	
225	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.67	0.56	0.51	2d10/15 L=70	4,20,46	
	s=6,m=4	125.0	0.43	11.4	15.2	1.6	0.11	0.18	0.49	0.54	2d10/20 L=80	32,20,46	
		250.0	0.33	11.4	11.4	1.6	0.10	0.53	0.41	0.29	2d10/15 L=70	4,20,46	
264	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.51	0.20	0.23	2d10/15 L=160	4,19,46	
	s=6,m=4	80.0	0.33	11.4	11.4	1.6	0.10	0.61	0.17	0.19	2d10/15 L=160	4,19,46	
		160.0	0.33	11.4	11.4	1.6	0.10	0.62	0.16	0.18	2d10/15 L=160	4,19,46	
266	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.65	0.37	0.25	2d10/15 L=70	4,27,46	
	s=6,m=4	155.0	0.33	11.4	11.4	1.6	0.10	0.23	0.46	0.50	2d10/20 L=145	36,23,46	
		310.0	0.43	11.4	15.2	1.6	0.11	0.73	0.55	0.51	2d10/15 L=70	4,23,46	
224	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.37	0.67	0.35	2d10/8 L=60	32,37,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.08	0.63	0.33	2d10/8 L=59	4,37,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.36	0.67	0.35	2d10/8 L=60	37,37,46	
239	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.33	0.65	0.37	2d10/8 L=60	32,40,46	
	s=8,m=4	125.0	0.52	12.6	12.6	0.0	0.13	0.02	0.61	0.34	2d10/8 L=51	4,40,46	
		250.0	0.52	12.6	12.6	0.0	0.13	0.31	0.65	0.37	2d10/8 L=60	32,40,46	
223	ok,ok	0.0	0.52	12.6	12.6	0.0	0.13	0.37	0.78	0.37	2d10/8 L=60	38,41,46	
	s=8,m=4	117.5	0.52	12.6	12.6	0.0	0.13	0.04	0.71	0.33	2d10/8 L=59	43,41,46	
		235.0	0.52	12.6	12.6	0.0	0.13	0.33	0.78	0.37	2d10/8 L=60	35,41,46	
216	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.62	0.55	0.56	2d10/15 L=70	38,27,46	

	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.04	0.46	0.58	2d10/20 L=95	4,27,46	
		300.0	0.33	11.4	11.4	1.6	0.10	0.46	0.55	0.56	2d10/15 L=70	43,27,46	
215	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.77	0.36	0.48	2d10/15 L=70	32,43,4	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.85	0.14	0.21	2d10/20 L=515	4,43,46	
		720.0	0.33	11.4	11.4	1.6	0.10	0.77	0.36	0.47	2d10/15 L=70	31,43,46	
								M T= 59	Z=1650.0	P=7	P=34		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
213	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.77	0.34	0.46	2d10/15 L=70	34,41,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.15	0.24	2d10/20 L=525	4,41,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.71	0.36	0.48	2d10/15 L=70	4,41,46	
226	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.70	0.36	0.49	2d10/15 L=70	4,40,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.59	0.15	0.24	2d10/20 L=520	4,40,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.72	0.36	0.49	2d10/15 L=70	4,40,46	
227	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.82	0.40	0.53	2d10/15 L=70	4,41,46	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.78	0.16	0.24	2d10/20 L=520	4,21,46	
		720.0	0.43	11.4	15.2	1.6	0.11	0.74	0.40	0.53	2d10/15 L=70	4,41,46	
228	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.38	0.63	0.64	2d10/15 L=70	34,30,46	
	s=6,m=4	150.0	0.33	11.4	11.4	1.6	0.10	0.11	0.55	0.69	2d10/20 L=90	4,30,46	
		300.0	0.33	11.4	11.4	1.6	0.10	0.38	0.59	0.57	2d10/15 L=70	31,30,46	
229	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.55	0.46	0.58	2d10/15 L=70	34,41,46	
	s=6,m=4	115.0	0.33	11.4	11.4	1.6	0.10	0.27	0.43	0.72	2d10/20 L=50	34,41,46	
		230.0	0.33	11.4	11.4	1.6	0.10	0.36	0.46	0.58	2d10/15 L=70	31,41,46	
211	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.35	0.32	0.31	2d10/15 L=70	31,30,46	
	s=6,m=4	245.0	0.33	11.4	11.4	1.6	0.10	0.32	0.26	0.29	2d10/20 L=325	38,30,46	
		490.0	0.33	11.4	11.4	1.6	0.10	0.57	0.32	0.31	2d10/15 L=70	31,30,46	
								M T= 62	Z=1650.0	P=32	P=35		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
236	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.58	0.25	0.32	2d10/15 L=80	30,18,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.12	0.19	0.31	2d10/20 L=415	1,18,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.44	0.25	0.32	2d10/15 L=80	30,18,46	
233	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.31	0.58	0.71	2d10/15 L=200	30,31,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.02	0.55	0.68	2d10/15 L=200	25,15,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.30	0.58	0.71	2d10/15 L=200	27,31,46	
458	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.55	0.39	0.23	4d10/15 L=110	30,34,46	
	s=29,m=4	80.0	0.38	15.2	15.2	1.6	0.09	0.44	0.37	0.22	4d10/15 L=110	30,34,46	
		160.0	0.38	15.2	15.2	1.6	0.09	0.34	0.36	0.21	4d10/15 L=110	27,34,46	
456	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.34	0.48	0.40	2d10/15 L=80	27,31,46	
	s=5,m=4	182.5	0.38	15.2	15.2	1.6	0.09	0.29	0.47	0.51	2d10/20 L=175	30,31,46	
		365.0	0.38	15.2	15.2	1.6	0.09	0.60	0.55	0.50	2d10/15 L=85	27,31,46	
								M T= 63	Z=1650.0	P=22	P=32		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
238	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.36	0.63	0.79	2d10/15 L=195	40,30,46	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.10	0.56	0.69	2d10/15 L=195	40,46,46	
		300.0	0.38	15.2	15.2	1.6	0.09	0.21	0.63	0.79	2d10/15 L=195	37,30,46	
237	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.57	0.36	0.45	2d10/15 L=80	42,46,46	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.54	0.20	0.28	2d10/20 L=495	4,46,46	
		720.0	0.38	15.2	15.2	1.6	0.09	0.59	0.36	0.45	2d10/15 L=80	41,46,46	
								M T= 64	Z=1650.0	P=22	P=26		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
241	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.15	0.81	0.29	4d10/10 L=157	24,43,46	
	s=29,m=4	91.0	0.38	15.2	15.2	0.0	0.09	0.08	0.79	0.29	4d10/10 L=157	45,43,46	
		182.0	0.38	15.2	15.2	0.0	0.09	0.37	0.81	0.29	4d10/10 L=157	25,43,46	
247	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.37	0.39	0.16	4d10/10 L=80	27,46,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.07	0.35	0.14	4d10/10 L=168	1,46,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.47	0.39	0.16	4d10/10 L=80	27,46,46	
248	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.45	0.36	0.17	4d8/5 L=50	30,41,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.05	0.32	0.42	4d8/15 L=140	3,21,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.37	0.36	0.17	4d8/5 L=50	30,41,46	
250	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.32	0.13	0.08	4d8/5 L=50	30,40,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.16	0.09	0.13	4d8/12 L=561	4,40,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.33	0.13	0.08	4d8/5 L=50	27,40,46	
								M T= 65	Z=1650.0	P=13	P=17		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
252	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.18	0.80	0.29	4d10/10 L=157	23,40,46	
	s=29,m=4	91.0	0.38	15.2	15.2	1.6	0.09	0.06	0.79	0.29	4d10/10 L=157	46,40,46	
		182.0	0.38	15.2	15.2	1.6	0.09	0.36	0.80	0.29	4d10/10 L=157	27,40,46	
253	ok,ok	0.0	0.38	15.2	15.2	0.0	0.09	0.37	0.42	0.16	4d10/10 L=80	26,41,46	
	s=29,m=4	269.0	0.38	15.2	15.2	0.0	0.09	0.06	0.37	0.14	4d10/10 L=168	1,41,46	
		538.0	0.38	15.2	15.2	0.0	0.09	0.42	0.42	0.16	4d10/10 L=80	23,41,46	
258	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.48	0.36	0.17	4d8/5 L=50	29,40,46	
	s=26,m=4	150.0	0.64	15.3	15.3	0.0	0.23	0.05	0.32	0.42	4d8/15 L=140	4,40,46	
		300.0	0.64	15.3	15.3	0.0	0.23	0.41	0.36	0.17	4d8/5 L=50	29,40,46	
261	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.32	0.14	0.08	4d8/5 L=50	29,39,46	
	s=7,m=4	360.5	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=561	4,39,46	
		721.0	0.57	15.3	15.3	0.0	0.22	0.34	0.14	0.08	4d8/5 L=50	23,39,46	

							M T= 76	Z=1442.5	P=18	P=20		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
308	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.04	0.59	0.40	2d8/12 L=60	31,21,46
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.36	0.36	0.64	2d8/15 L=84	36,21,46
		235.0	0.48	7.6	11.4	1.6	0.13	0.72	0.47	0.69	2d8/12 L=60	3,21,46
409	ok,ok	0.0	0.32	7.6	7.6	1.6	0.10	0.65	0.39	0.49	2d8/12 L=65	40,25,46
	s=10,m=4	142.9	0.32	7.6	7.6	1.6	0.10	0.19	0.40	0.61	2d8/15 L=75	3,25,46
		285.7	0.48	7.6	11.4	1.6	0.13	0.46	0.41	0.53	2d8/15 L=41	41,25,46
428	ok,ok	0.0	0.48	7.6	11.4	1.6	0.13	0.71	0.47	0.69	2d8/12 L=60	4,41,46
	s=10,m=4	117.5	0.32	7.6	7.6	1.6	0.10	0.38	0.36	0.64	2d8/15 L=84	23,41,46
		235.0	0.32	7.6	7.6	1.6	0.10	0.03	0.40	0.59	2d8/12 L=60	35,41,46
							M T= 99	Z=1650.0	N=322	N=343		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
479	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.18	0.34	0.13	4d8/5 L=50	36,27,46
	s=9,m=4	115.0	0.71	12.7	12.7	0.0	0.24	0.06	0.33	0.36	4d8/15 L=130	33,27,46
		230.0	0.71	12.7	12.7	0.0	0.24	0.11	0.34	0.13	4d8/5 L=50	35,27,46
443	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.10	0.23	0.07	4d8/5 L=50	4,24,46
	s=9,m=4	245.0	0.71	12.7	12.7	0.0	0.24	0.11	0.20	0.17	4d8/15 L=390	34,24,46
		490.0	0.71	12.7	12.7	0.0	0.24	0.28	0.23	0.07	4d8/5 L=50	31,24,46
							M T= 114	Z=1650.0	N=325	N=351		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
476	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.22	0.45	0.19	4d8/5 L=50	4,27,46
	s=9,m=4	80.0	0.71	12.7	12.7	0.0	0.24	0.06	0.42	0.52	4d8/15 L=60	30,27,46
		160.0	0.71	12.7	12.7	0.0	0.24	0.07	0.45	0.19	4d8/5 L=50	28,27,46
							M T= 115	Z=1650.0	N=119	N=346		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
480	ok,ok	0.0	0.71	12.7	12.7	0.0	0.24	0.19	0.23	0.07	4d8/5 L=50	34,27,46
	s=9,m=4	360.0	0.71	12.7	12.7	0.0	0.24	0.12	0.19	0.15	4d8/15 L=471	1,27,46
		720.0	0.71	12.7	12.7	0.0	0.24	0.14	0.23	0.07	4d8/5 L=50	31,27,46
							M T= 22	Z=1950.0	P=23	P=25		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
34	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.27	0.64	0.36	2d10/8 L=139	25,40,46
	s=23,m=4	129.5	0.34	10.1	10.1	1.6	0.11	0.24	0.63	0.34	2d10/8 L=139	24,40,46
		259.0	0.34	10.1	10.1	1.6	0.11	0.33	0.64	0.36	2d10/8 L=139	37,40,46
289	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.26	0.51	0.26	2d10/8 L=189	41,37,46
	s=23,m=4	139.5	0.34	10.1	10.1	1.6	0.11	0.22	0.49	0.25	2d10/8 L=189	30,37,46
		279.0	0.34	10.1	10.1	1.6	0.11	0.33	0.51	0.26	2d10/8 L=189	27,37,46
35	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.79	0.37	0.21	2d10/8 L=240	30,41,46
	s=23,m=4	150.0	0.34	10.1	10.1	1.6	0.11	0.11	0.35	0.20	2d10/8 L=240	30,41,46
		300.0	0.34	10.1	10.1	1.6	0.11	0.51	0.37	0.21	2d10/8 L=240	30,41,46
							M T= 23	Z=1950.0	P=14	P=23		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
36	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.46	0.20	0.13	2d10/8 L=670	40,40,46
	s=23,m=4	360.0	0.34	10.1	10.1	1.6	0.11	0.29	0.12	0.07	2d10/8 L=670	11,40,46
		720.0	0.34	10.1	10.1	1.6	0.11	0.42	0.20	0.13	2d10/8 L=670	41,40,46
							M T= 24	Z=1950.0	P=14	P=16		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
37	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.27	0.62	0.36	2d10/8 L=139	26,43,46
	s=23,m=4	129.5	0.34	10.1	10.1	1.6	0.11	0.23	0.61	0.34	2d10/8 L=139	26,43,46
		259.0	0.34	10.1	10.1	1.6	0.11	0.24	0.62	0.36	2d10/8 L=139	46,43,46
288	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.20	0.47	0.26	2d10/8 L=189	42,26,46
	s=23,m=4	139.5	0.34	10.1	10.1	1.6	0.11	0.21	0.45	0.25	2d10/8 L=189	26,26,46
		279.0	0.34	10.1	10.1	1.6	0.11	0.26	0.47	0.26	2d10/8 L=189	28,26,46
38	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.81	0.36	0.21	2d10/8 L=240	29,40,46
	s=23,m=4	150.0	0.34	10.1	10.1	1.6	0.11	0.12	0.34	0.20	2d10/8 L=240	29,40,46
		300.0	0.34	10.1	10.1	1.6	0.11	0.51	0.36	0.21	2d10/8 L=240	29,40,46
							M T= 25	Z=1950.0	P=16	P=25		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
39	ok,ok	0.0	0.34	10.1	10.1	1.6	0.11	0.36	0.20	0.14	2d10/8 L=670	34,33,46
	s=23,m=4	360.0	0.34	10.1	10.1	1.6	0.11	0.33	0.12	0.07	2d10/8 L=670	11,33,46
		720.0	0.34	10.1	10.1	1.6	0.11	0.40	0.20	0.14	2d10/8 L=670	31,33,46
							M T= 26	Z=1950.0	P=15	P=24		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
41	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.41	0.47	0.24	2d10/8 L=179	37,37,46
	s=8,m=4	117.5	0.34	8.0	8.0	1.6	0.11	0.09	0.42	0.21	2d10/8 L=179	4,37,46
		235.0	0.34	8.0	8.0	1.6	0.11	0.34	0.47	0.24	2d10/8 L=179	37,37,46
366	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.30	0.49	0.26	2d10/8 L=171	34,36,46
	s=10,m=4	125.0	0.34	8.0	8.0	1.6	0.11	0.07	0.44	0.22	2d10/8 L=171	19,36,46
		250.0	0.34	8.0	8.0	1.6	0.11	0.21	0.49	0.26	2d10/8 L=171	36,36,46
40	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.33	0.55	0.24	2d10/8 L=179	38,41,46
	s=8,m=4	117.5	0.34	8.0	8.0	1.6	0.11	0.09	0.50	0.21	2d10/8 L=179	4,41,46
		235.0	0.34	8.0	8.0	1.6	0.11	0.40	0.55	0.24	2d10/8 L=179	38,41,46
							M T= 27	Z=1950.0	P=18	P=20		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
263	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.20	0.60	0.22	2d10/8 L=204	43,30,46

	s=8,m=4	117.5	0.34	8.0	8.0	1.6	0.11	0.13	0.56	0.19	2d10/8 L=204	46,30,46	
		235.0	0.34	8.0	8.0	1.6	0.11	0.39	0.60	0.22	2d10/8 L=204	43,30,46	
385	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.18	0.48	0.26	2d10/8 L=171	35,31,46	
	s=10,m=4	125.0	0.34	8.0	8.0	1.6	0.11	0.13	0.43	0.22	2d10/8 L=171	30,31,46	
		250.0	0.34	8.0	8.0	1.6	0.11	0.21	0.48	0.26	2d10/8 L=171	31,31,46	
42	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.44	0.60	0.22	2d10/8 L=204	36,25,46	
	s=8,m=4	117.5	0.34	8.0	8.0	1.6	0.11	0.21	0.55	0.19	2d10/8 L=204	37,25,46	
		235.0	0.34	8.0	8.0	1.6	0.11	0.25	0.60	0.22	2d10/8 L=204	33,25,46	
							M_T= 90	Z=1950.0	P=18	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
368	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.35	0.41	0.20	2d10/8 L=200	40,25,46	
	s=10,m=4	139.5	0.34	8.0	8.0	1.6	0.11	0.05	0.40	0.19	2d10/8 L=200	32,25,46	
		279.0	0.34	8.0	8.0	1.6	0.11	0.30	0.41	0.20	2d10/8 L=200	44,25,46	
							M_T= 96	Z=1950.0	P=20	P=21			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
408	ok,ok	0.0	0.34	8.0	8.0	1.6	0.11	0.19	0.38	0.20	2d10/8 L=200	23,46,46	
	s=10,m=4	139.5	0.34	8.0	8.0	1.6	0.11	0.09	0.37	0.19	2d10/8 L=200	37,46,46	
		279.0	0.34	8.0	8.0	1.6	0.11	0.32	0.38	0.20	2d10/8 L=200	24,46,46	
Trave			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc			
			0.95	38.01	38.01	1.57	0.24	0.99	1.00	0.93			

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	kN m	kN m	kN m	kN m	cm	kN	kN	kN	kN	kN	cm2
6	520.08	520.08	520.08	520.08	410.00	279.07	279.07	0.0	0.0	0.0	0.0
7	721.43	721.43	520.03	419.00	601.00	208.73	227.22	0.0	0.0	0.0	0.0
8	721.43	721.43	721.43	721.43	250.00	634.86	634.86	0.0	0.0	0.0	0.0
9	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
10	520.03	419.00	721.43	721.43	600.00	227.60	209.08	0.0	0.0	0.0	0.0
11	419.02	419.02	419.02	419.02	605.00	152.37	152.37	0.0	0.0	0.0	0.0
17	154.74	154.74	226.85	154.73	228.50	148.97	183.70	0.0	0.0	0.0	0.0
18	154.74	154.74	154.73	226.85	228.50	183.70	148.97	0.0	0.0	0.0	0.0
19	134.66	134.66	134.66	134.66	666.00	44.48	44.48	0.0	0.0	0.0	0.0
20	445.56	273.26	359.59	273.30	665.00	118.91	104.68	0.0	0.0	0.0	0.0
21	273.31	273.31	359.59	273.30	465.00	129.30	149.72	0.0	0.0	0.0	0.0
23	154.74	154.74	154.74	154.74	228.50	148.98	148.98	0.0	0.0	0.0	0.0
24	445.56	273.26	359.59	273.30	665.00	118.91	104.68	0.0	0.0	0.0	0.0
25	315.07	315.07	315.07	315.07	91.33	758.93	758.93	0.0	0.0	0.0	0.0
26	445.56	273.26	445.56	273.26	655.00	120.72	120.72	0.0	0.0	0.0	0.0
27	154.74	154.74	154.74	154.74	228.50	148.98	148.98	0.0	0.0	0.0	0.0
28	359.59	273.30	445.56	273.26	235.00	296.23	336.48	0.0	0.0	0.0	0.0
31	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
32	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
34	204.16	204.16	204.16	204.16	139.00	323.12	323.12	0.0	0.0	0.0	0.0
35	204.16	204.16	204.16	204.16	240.00	187.14	187.14	0.0	0.0	0.0	0.0
36	204.16	204.16	204.16	204.16	670.00	67.04	67.04	0.0	0.0	0.0	0.0
37	204.16	204.16	204.16	204.16	139.00	323.12	323.12	0.0	0.0	0.0	0.0
38	204.16	204.16	204.16	204.16	240.00	187.14	187.14	0.0	0.0	0.0	0.0
39	204.16	204.16	204.16	204.16	670.00	67.04	67.04	0.0	0.0	0.0	0.0
40	162.84	162.84	162.84	162.84	179.50	199.58	199.58	0.0	0.0	0.0	0.0
41	162.84	162.84	162.84	162.84	179.50	199.58	199.58	0.0	0.0	0.0	0.0
42	162.84	162.84	162.84	162.84	204.50	175.19	175.19	0.0	0.0	0.0	0.0
43	418.90	418.90	418.88	519.74	157.00	657.65	586.99	0.0	0.0	0.0	0.0
44	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
45	273.31	273.31	273.31	273.31	250.00	240.51	240.51	0.0	0.0	0.0	0.0
46	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
47	134.66	134.66	134.66	134.66	665.00	44.55	44.55	0.0	0.0	0.0	0.0
48	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
54	359.59	273.30	273.30	359.59	620.00	127.60	96.98	0.0	0.0	0.0	0.0
70	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
75	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
86	520.03	419.00	520.03	419.00	595.00	173.60	173.60	0.0	0.0	0.0	0.0
88	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
89	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
90	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
91	418.90	418.90	418.90	418.90	157.00	587.00	587.00	0.0	0.0	0.0	0.0
92	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
93	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
94	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
95	154.74	154.74	226.85	154.73	228.50	148.97	183.70	0.0	0.0	0.0	0.0
96	273.30	359.59	273.30	359.59	620.00	112.29	112.29	0.0	0.0	0.0	0.0
97	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
98	273.30	359.59	445.56	273.26	620.00	96.97	142.85	0.0	0.0	0.0	0.0
99	419.02	419.02	520.03	419.00	620.00	148.68	166.61	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
100	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
102	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
103	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
104	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
107	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
116	359.59	273.30	273.31	273.31	230.00	302.69	261.42	0.0	0.0	0.0	0.0
123	298.59	226.76	298.39	154.81	215.60	231.33	267.93	0.0	0.0	0.0	0.0
125	419.02	419.02	419.02	419.02	670.00	137.59	137.59	0.0	0.0	0.0	0.0
126	419.02	419.02	419.02	419.02	670.00	137.59	137.59	0.0	0.0	0.0	0.0
127	419.02	419.02	520.03	419.00	670.00	137.59	154.17	0.0	0.0	0.0	0.0
128	419.02	419.02	520.03	419.00	670.00	137.59	154.17	0.0	0.0	0.0	0.0
129	155.79	155.79	155.79	155.79	660.00	51.93	51.93	0.0	0.0	0.0	0.0
130	155.79	155.79	155.79	155.79	240.00	142.80	142.80	0.0	0.0	0.0	0.0
131	155.79	155.79	155.79	155.79	661.00	51.85	51.85	0.0	0.0	0.0	0.0
132	419.02	419.02	520.03	419.00	315.00	292.64	327.92	0.0	0.0	0.0	0.0
133	620.86	620.86	520.03	419.00	601.00	190.32	208.81	0.0	0.0	0.0	0.0
134	1023.45	1023.45	1023.45	1023.45	250.00	900.64	900.64	0.0	0.0	0.0	0.0
135	520.03	419.00	620.86	620.86	600.00	209.16	190.64	0.0	0.0	0.0	0.0
136	520.03	419.00	520.03	419.00	605.00	170.73	170.73	0.0	0.0	0.0	0.0
137	134.66	134.66	134.66	134.66	665.00	44.55	44.55	0.0	0.0	0.0	0.0
138	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
139	134.66	134.66	134.66	134.66	666.00	44.48	44.48	0.0	0.0	0.0	0.0
140	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
141	359.59	273.30	445.56	273.26	665.00	104.68	118.91	0.0	0.0	0.0	0.0
142	155.15	155.15	227.89	155.25	315.00	108.39	133.76	0.0	0.0	0.0	0.0
143	155.15	155.15	227.89	155.25	315.00	108.39	133.76	0.0	0.0	0.0	0.0
144	359.59	273.30	445.56	273.26	665.00	104.68	118.91	0.0	0.0	0.0	0.0
167	445.56	273.26	445.56	273.26	655.00	120.72	120.72	0.0	0.0	0.0	0.0
168	359.59	273.30	445.56	273.26	235.00	296.23	336.48	0.0	0.0	0.0	0.0
169	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
171	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
172	445.56	273.26	273.31	273.31	620.00	127.54	96.97	0.0	0.0	0.0	0.0
173	445.56	273.26	359.59	273.30	660.00	119.81	105.48	0.0	0.0	0.0	0.0
174	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
175	359.59	273.30	359.59	273.30	230.00	302.68	302.68	0.0	0.0	0.0	0.0
176	359.59	273.30	273.31	273.31	190.00	366.41	316.46	0.0	0.0	0.0	0.0
177	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
182	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
193	419.02	419.02	419.02	419.02	595.00	154.93	154.93	0.0	0.0	0.0	0.0
195	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
197	226.82	226.82	226.82	226.82	239.73	208.15	208.15	0.0	0.0	0.0	0.0
198	154.73	226.85	226.85	154.73	215.60	157.88	231.48	0.0	0.0	0.0	0.0
199	226.82	226.82	226.82	226.82	239.73	208.15	208.15	0.0	0.0	0.0	0.0
200	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
201	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
202	154.74	154.74	154.74	154.74	240.63	141.47	141.47	0.0	0.0	0.0	0.0
203	419.02	419.02	419.02	419.02	601.00	153.39	153.39	0.0	0.0	0.0	0.0
204	419.02	419.02	419.02	419.02	250.00	368.74	368.74	0.0	0.0	0.0	0.0
205	419.02	419.02	419.02	419.02	600.00	153.64	153.64	0.0	0.0	0.0	0.0
206	419.02	419.02	419.02	419.02	605.00	152.37	152.37	0.0	0.0	0.0	0.0
207	134.66	134.66	134.66	134.66	665.00	44.55	44.55	0.0	0.0	0.0	0.0
208	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
209	134.66	134.66	134.66	134.66	666.00	44.48	44.48	0.0	0.0	0.0	0.0
210	273.31	273.31	359.59	273.30	665.00	90.42	104.69	0.0	0.0	0.0	0.0
211	273.31	273.31	273.31	273.31	465.00	129.31	129.31	0.0	0.0	0.0	0.0
212	248.12	248.12	248.12	248.12	171.00	319.22	319.22	0.0	0.0	0.0	0.0
213	273.31	273.31	359.59	273.30	665.00	90.42	104.69	0.0	0.0	0.0	0.0
214	248.12	248.12	248.12	248.12	171.00	319.22	319.22	0.0	0.0	0.0	0.0
215	273.31	273.31	273.31	273.31	655.00	91.80	91.80	0.0	0.0	0.0	0.0
216	273.31	273.31	273.31	273.31	235.00	255.86	255.86	0.0	0.0	0.0	0.0
217	419.02	419.02	520.03	419.00	315.00	292.64	327.92	0.0	0.0	0.0	0.0
221	248.12	248.12	248.12	248.12	171.00	319.22	319.22	0.0	0.0	0.0	0.0
223	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
224	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
225	359.59	273.30	273.31	273.31	620.00	112.29	96.98	0.0	0.0	0.0	0.0
226	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
227	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
228	359.59	273.30	273.31	273.31	230.00	302.69	261.42	0.0	0.0	0.0	0.0
229	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
230	419.02	419.02	419.02	419.02	640.00	144.04	144.04	0.0	0.0	0.0	0.0
231	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
232	419.02	419.02	419.02	419.02	220.00	419.02	419.02	0.0	0.0	0.0	0.0
233	419.02	419.02	419.02	419.02	200.00	460.93	460.93	0.0	0.0	0.0	0.0
236	419.02	419.02	419.02	419.02	575.00	160.32	160.32	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
237	419.02	419.02	419.02	419.02	655.00	140.74	140.74	0.0	0.0	0.0	0.0
238	419.02	419.02	419.02	419.02	195.00	472.74	472.74	0.0	0.0	0.0	0.0
239	248.12	248.12	248.12	248.12	171.00	319.22	319.22	0.0	0.0	0.0	0.0
240	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
241	418.90	418.90	418.90	418.90	157.00	587.00	587.00	0.0	0.0	0.0	0.0
245	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
246	273.31	273.31	273.31	273.31	250.00	240.51	240.51	0.0	0.0	0.0	0.0
247	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
248	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
249	419.02	419.02	419.02	419.02	220.00	419.02	419.02	0.0	0.0	0.0	0.0
250	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
251	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
252	419.02	419.02	419.02	419.02	157.00	587.17	587.17	0.0	0.0	0.0	0.0
253	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
258	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
260	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
261	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
263	162.84	162.84	162.84	162.84	204.50	175.19	175.19	0.0	0.0	0.0	0.0
264	273.31	273.31	273.31	273.31	620.00	96.98	96.98	0.0	0.0	0.0	0.0
265	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
266	273.31	273.31	359.59	273.30	620.00	96.98	112.29	0.0	0.0	0.0	0.0
269	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
271	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
272	419.02	419.02	419.02	419.02	220.00	419.02	419.02	0.0	0.0	0.0	0.0
273	419.02	419.02	419.02	419.02	200.00	460.93	460.93	0.0	0.0	0.0	0.0
275	419.02	419.02	419.02	419.02	575.00	160.32	160.32	0.0	0.0	0.0	0.0
276	520.03	419.00	520.03	419.00	655.00	157.70	157.70	0.0	0.0	0.0	0.0
278	520.03	419.00	520.03	419.00	195.00	529.71	529.71	0.0	0.0	0.0	0.0
279	154.74	154.74	154.81	298.39	228.50	218.14	149.02	0.0	0.0	0.0	0.0
282	226.85	154.73	154.74	154.74	204.50	205.26	166.46	0.0	0.0	0.0	0.0
283	226.85	154.73	226.85	154.73	204.50	205.25	205.25	0.0	0.0	0.0	0.0
285	154.74	154.74	226.82	226.82	204.50	205.24	205.24	0.0	0.0	0.0	0.0
286	154.74	154.74	154.74	154.74	228.50	148.98	148.98	0.0	0.0	0.0	0.0
288	204.16	204.16	204.16	204.16	189.00	237.64	237.64	0.0	0.0	0.0	0.0
289	204.16	204.16	204.16	204.16	189.00	237.64	237.64	0.0	0.0	0.0	0.0
291	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
292	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
293	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
305	154.74	154.74	226.82	226.82	204.50	205.24	205.24	0.0	0.0	0.0	0.0
308	154.74	154.74	226.85	154.73	204.50	166.46	205.26	0.0	0.0	0.0	0.0
315	520.08	520.08	520.08	520.08	200.00	572.09	572.09	0.0	0.0	0.0	0.0
316	520.08	520.08	520.08	520.08	575.00	198.99	198.99	0.0	0.0	0.0	0.0
317	520.03	419.00	520.03	419.00	655.00	157.70	157.70	0.0	0.0	0.0	0.0
318	419.02	419.02	520.03	419.00	195.00	472.73	529.72	0.0	0.0	0.0	0.0
320	520.03	419.00	419.02	419.02	620.00	166.61	148.68	0.0	0.0	0.0	0.0
321	418.88	519.74	721.48	821.71	157.00	869.20	869.65	0.0	0.0	0.0	0.0
322	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
323	273.31	273.31	359.59	273.30	250.00	240.51	278.48	0.0	0.0	0.0	0.0
324	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
325	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
326	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
327	359.59	273.30	273.31	273.31	670.00	103.91	89.74	0.0	0.0	0.0	0.0
328	418.88	519.74	721.28	721.28	157.00	798.84	869.51	0.0	0.0	0.0	0.0
329	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
330	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
331	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
332	298.39	154.81	154.74	154.74	204.50	243.74	166.51	0.0	0.0	0.0	0.0
333	273.31	273.31	273.30	359.59	620.00	112.29	96.98	0.0	0.0	0.0	0.0
334	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
335	273.30	359.59	530.72	273.37	620.00	96.99	157.96	0.0	0.0	0.0	0.0
336	419.02	419.02	520.03	419.00	620.00	148.68	166.61	0.0	0.0	0.0	0.0
337	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
339	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
340	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
341	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
343	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
344	273.31	273.31	359.59	273.30	670.00	89.74	103.91	0.0	0.0	0.0	0.0
346	273.31	273.31	359.59	273.30	465.00	129.30	149.72	0.0	0.0	0.0	0.0
348	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
349	520.03	419.00	620.50	419.10	595.00	173.62	192.18	0.0	0.0	0.0	0.0
350	520.03	419.00	419.02	419.02	660.00	156.51	139.67	0.0	0.0	0.0	0.0
354	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
355	273.31	273.31	445.56	273.26	670.00	89.74	118.02	0.0	0.0	0.0	0.0
357	620.86	620.86	620.50	419.10	601.00	190.34	227.20	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
358	1023.45	1023.45	1023.45	1023.45	250.00	900.64	900.64	0.0	0.0	0.0	0.0
359	620.50	419.10	620.86	620.86	600.00	227.58	190.66	0.0	0.0	0.0	0.0
360	520.03	419.00	520.03	419.00	605.00	170.73	170.73	0.0	0.0	0.0	0.0
361	134.66	134.66	134.66	134.66	665.00	44.55	44.55	0.0	0.0	0.0	0.0
362	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
363	134.66	134.66	134.66	134.66	666.00	44.48	44.48	0.0	0.0	0.0	0.0
364	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
365	273.31	273.31	359.59	273.30	465.00	129.30	149.72	0.0	0.0	0.0	0.0
366	162.84	162.84	162.84	162.84	171.00	209.50	209.50	0.0	0.0	0.0	0.0
367	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
368	162.84	162.84	162.84	162.84	200.00	179.13	179.13	0.0	0.0	0.0	0.0
369	445.56	273.26	530.72	273.37	655.00	120.74	135.02	0.0	0.0	0.0	0.0
370	359.59	273.30	445.56	273.26	235.00	296.23	336.48	0.0	0.0	0.0	0.0
371	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
372	248.12	248.12	248.12	248.12	179.50	304.10	304.10	0.0	0.0	0.0	0.0
373	445.56	273.26	273.30	359.59	620.00	142.85	96.97	0.0	0.0	0.0	0.0
374	445.56	273.26	359.59	273.30	660.00	119.81	105.48	0.0	0.0	0.0	0.0
375	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
376	359.59	273.30	359.59	273.30	230.00	302.68	302.68	0.0	0.0	0.0	0.0
377	359.59	273.30	273.31	273.31	190.00	366.41	316.46	0.0	0.0	0.0	0.0
378	620.50	419.10	520.03	419.00	640.00	178.67	161.41	0.0	0.0	0.0	0.0
379	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
380	419.02	419.02	520.08	520.08	220.00	469.55	469.55	0.0	0.0	0.0	0.0
381	520.08	520.08	520.08	520.08	200.00	572.09	572.09	0.0	0.0	0.0	0.0
382	520.08	520.08	520.08	520.08	575.00	198.99	198.99	0.0	0.0	0.0	0.0
383	520.03	419.00	620.50	419.10	655.00	157.72	174.57	0.0	0.0	0.0	0.0
384	419.02	419.02	520.03	419.00	195.00	472.73	529.72	0.0	0.0	0.0	0.0
385	162.84	162.84	162.84	162.84	171.00	209.50	209.50	0.0	0.0	0.0	0.0
386	520.03	419.00	419.02	419.02	620.00	166.61	148.68	0.0	0.0	0.0	0.0
387	418.88	519.74	721.28	721.28	157.00	798.84	869.51	0.0	0.0	0.0	0.0
388	273.31	273.31	273.31	273.31	670.00	89.74	89.74	0.0	0.0	0.0	0.0
389	273.31	273.31	359.59	273.30	250.00	240.51	278.48	0.0	0.0	0.0	0.0
390	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
391	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
392	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
393	359.59	273.30	273.31	273.31	670.00	103.91	89.74	0.0	0.0	0.0	0.0
394	418.88	519.74	721.08	620.60	157.00	728.30	869.36	0.0	0.0	0.0	0.0
395	418.90	418.90	418.90	418.90	328.00	280.97	280.97	0.0	0.0	0.0	0.0
396	132.32	132.32	132.32	132.32	240.00	121.30	121.30	0.0	0.0	0.0	0.0
397	134.58	134.58	134.58	134.58	661.00	44.79	44.79	0.0	0.0	0.0	0.0
398	154.74	154.74	154.73	226.85	228.50	183.70	148.97	0.0	0.0	0.0	0.0
399	273.30	359.59	273.30	359.59	620.00	112.29	112.29	0.0	0.0	0.0	0.0
400	419.02	419.02	419.02	419.02	620.00	148.69	148.69	0.0	0.0	0.0	0.0
401	273.30	359.59	530.72	273.37	620.00	96.99	157.96	0.0	0.0	0.0	0.0
402	419.02	419.02	520.03	419.00	620.00	148.68	166.61	0.0	0.0	0.0	0.0
403	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
408	162.84	162.84	162.84	162.84	200.00	179.13	179.13	0.0	0.0	0.0	0.0
409	154.74	154.74	226.85	154.73	216.60	157.16	193.79	0.0	0.0	0.0	0.0
410	226.76	298.59	298.39	154.81	240.63	174.43	272.90	0.0	0.0	0.0	0.0
411	108.69	108.69	108.69	108.69	520.00	45.98	45.98	0.0	0.0	0.0	0.0
412	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
413	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
425	226.85	154.73	154.74	154.74	204.50	205.26	166.46	0.0	0.0	0.0	0.0
428	226.85	154.73	154.74	154.74	204.50	205.26	166.46	0.0	0.0	0.0	0.0
435	419.02	419.02	520.03	419.00	595.00	154.93	173.61	0.0	0.0	0.0	0.0
436	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
437	226.82	226.82	298.39	154.81	239.73	175.11	240.99	0.0	0.0	0.0	0.0
438	154.73	226.85	226.85	154.73	239.73	141.99	208.18	0.0	0.0	0.0	0.0
439	154.74	154.74	154.74	154.74	240.63	141.47	141.47	0.0	0.0	0.0	0.0
440	108.69	108.69	108.69	108.69	200.00	119.56	119.56	0.0	0.0	0.0	0.0
441	273.31	273.31	359.59	273.30	670.00	89.74	103.91	0.0	0.0	0.0	0.0
442	154.74	154.74	226.85	154.73	216.60	157.16	193.79	0.0	0.0	0.0	0.0
443	108.69	108.69	108.69	108.69	490.00	48.80	48.80	0.0	0.0	0.0	0.0
446	315.07	315.07	315.07	315.07	91.33	758.93	758.93	0.0	0.0	0.0	0.0
447	520.08	520.08	520.08	520.08	410.00	279.07	279.07	0.0	0.0	0.0	0.0
449	419.02	419.02	520.08	520.08	466.00	221.68	221.68	0.0	0.0	0.0	0.0
451	108.69	108.69	108.69	108.69	230.00	103.96	103.96	0.0	0.0	0.0	0.0
453	419.02	419.02	419.02	419.02	466.00	197.82	197.82	0.0	0.0	0.0	0.0
454	315.07	315.07	315.07	315.07	91.33	758.93	758.93	0.0	0.0	0.0	0.0
455	108.69	108.69	108.69	108.69	571.00	41.88	41.88	0.0	0.0	0.0	0.0
456	419.02	419.02	419.02	419.02	410.00	224.84	224.84	0.0	0.0	0.0	0.0
457	315.07	315.07	315.07	315.07	91.33	758.93	758.93	0.0	0.0	0.0	0.0
458	419.02	419.02	419.02	419.02	410.00	224.84	224.84	0.0	0.0	0.0	0.0
459	108.69	108.69	108.69	108.69	490.00	48.80	48.80	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
462	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
463	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
464	520.08	520.08	520.08	520.08	466.00	245.53	245.53	0.0	0.0	0.0	0.0
465	108.69	108.69	108.69	108.69	230.00	103.96	103.96	0.0	0.0	0.0	0.0
466	108.69	108.69	108.69	108.69	571.00	41.88	41.88	0.0	0.0	0.0	0.0
467	419.02	419.02	520.03	419.00	410.00	224.84	251.94	0.0	0.0	0.0	0.0
469	419.02	419.02	419.02	419.02	410.00	224.84	224.84	0.0	0.0	0.0	0.0
470	108.69	108.69	108.69	108.69	230.00	103.96	103.96	0.0	0.0	0.0	0.0
471	108.69	108.69	108.69	108.69	571.00	41.88	41.88	0.0	0.0	0.0	0.0
472	520.08	520.08	620.63	519.99	410.00	279.04	306.04	0.0	0.0	0.0	0.0
473	108.69	108.69	108.69	108.69	490.00	48.80	48.80	0.0	0.0	0.0	0.0
474	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
475	108.69	108.69	108.69	108.69	490.00	48.80	48.80	0.0	0.0	0.0	0.0
476	108.69	108.69	108.69	108.69	160.00	149.45	149.45	0.0	0.0	0.0	0.0
478	419.02	419.02	419.02	419.02	466.00	197.82	197.82	0.0	0.0	0.0	0.0
479	108.69	108.69	108.69	108.69	230.00	103.96	103.96	0.0	0.0	0.0	0.0
480	108.69	108.69	108.69	108.69	571.00	41.88	41.88	0.0	0.0	0.0	0.0
481	520.08	520.08	620.63	519.99	410.00	279.04	306.04	0.0	0.0	0.0	0.0
Trave	M negativo i	M positivo i	M negativo f	M positivo f		V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
								0.0			
	1023.45	1023.45	1023.45	1023.45		900.64	900.64		0.0	0.0	0.0

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]
dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastrì	rRfck	rRfyk	rPfck	per sezioni significative
travi	rRfck wR dR	rRfyk wF dF	rPfck wP dP	per sezioni significative per sezioni significative massimi in campata
setti e gusci	rRfck wR	rRfyk wF	rPfck wP	massimi nei nodi dell'elemento massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
	cm					cm				
29	0.0	0.10	0.09	0.13	114,114,124	150.0	0.06	0.04	0.07	114,114,124
	300.0	0.23	0.24	0.28	114,114,124					
30	0.0	0.05	0.03	0.06	114,114,124	150.0	0.04	0.02	0.04	114,114,124
	300.0	0.04	0.02	0.04	114,114,124					
33	0.0	0.09	0.10	0.11	114,114,124	150.0	0.06	0.04	0.07	114,114,124
	300.0	0.07	0.06	0.08	114,113,124					
49	0.0	0.05	0.03	0.06	114,114,124	150.0	0.03	0.02	0.03	114,114,124
	300.0	0.07	0.07	0.09	117,117,124					
50	0.0	0.07	0.04	0.09	114,114,124	150.0	0.03	0.02	0.03	114,114,124
	300.0	0.08	0.08	0.10	117,117,124					
51	0.0	0.10	0.07	0.12	114,114,124	207.5	0.09	0.07	0.12	114,114,124
	415.0	0.10	0.08	0.14	114,114,124					
52	0.0	0.09	0.06	0.11	114,114,124	207.5	0.08	0.06	0.11	114,114,124
	415.0	0.09	0.07	0.12	114,114,124					
53	0.0	0.05	0.03	0.06	114,114,124	207.5	0.04	0.03	0.04	114,114,124
	415.0	0.03	0.02	0.05	111,114,123					
56	0.0	0.06	0.04	0.08	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	415.0	0.10	0.06	0.13	114,114,124					
57	0.0	0.06	0.04	0.08	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	415.0	0.11	0.06	0.13	114,114,124					
59	0.0	0.06	0.04	0.08	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	415.0	0.11	0.06	0.14	114,114,124					
60	0.0	0.05	0.04	0.07	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	415.0	0.09	0.06	0.12	114,114,124					
61	0.0	0.16	0.12	0.20	114,114,124	207.5	0.14	0.11	0.18	114,114,124
	415.0	0.18	0.13	0.22	114,114,124					
62	0.0	0.15	0.11	0.18	114,114,124	207.5	0.14	0.11	0.17	114,114,124
	415.0	0.17	0.12	0.21	114,114,124					
63	0.0	0.15	0.11	0.18	114,114,124	207.5	0.14	0.10	0.17	114,114,124
	415.0	0.17	0.12	0.21	114,114,124					
64	0.0	0.15	0.11	0.19	114,114,124	207.5	0.14	0.11	0.18	114,114,124
	415.0	0.17	0.12	0.21	114,114,124					
65	0.0	0.19	0.14	0.23	114,114,124	207.5	0.18	0.14	0.23	114,114,124
	415.0	0.19	0.14	0.24	114,114,124					
66	0.0	0.25	0.19	0.31	114,114,124	207.5	0.25	0.19	0.30	114,114,124
	415.0	0.25	0.19	0.31	114,114,124					
67	0.0	0.30	0.22	0.37	114,114,124	207.5	0.29	0.22	0.35	114,114,124
	415.0	0.32	0.24	0.39	114,114,124					
68	0.0	0.26	0.20	0.33	114,114,124	207.5	0.24	0.18	0.30	114,114,124
	415.0	0.28	0.21	0.36	114,114,124					
69	0.0	0.13	0.09	0.16	114,114,124	207.5	0.11	0.08	0.14	114,114,124
	415.0	0.15	0.11	0.19	114,114,124					
71	0.0	0.17	0.12	0.21	114,114,124	207.5	0.15	0.11	0.18	114,114,124
	415.0	0.19	0.13	0.23	114,114,124					
72	0.0	0.26	0.20	0.32	114,114,124	207.5	0.25	0.19	0.30	114,114,124
	415.0	0.26	0.20	0.32	114,114,124					
73	0.0	0.22	0.16	0.27	114,114,124	207.5	0.21	0.16	0.26	114,114,124
	415.0	0.23	0.17	0.28	114,114,124					
74	0.0	0.09	0.07	0.11	114,114,124	207.5	0.08	0.06	0.10	114,114,124
	415.0	0.08	0.06	0.10	114,114,124					
76	0.0	0.11	0.08	0.13	114,114,124	207.5	0.10	0.07	0.12	114,114,124
	415.0	0.10	0.07	0.12	114,114,124					
77	0.0	0.20	0.15	0.25	114,114,124	207.5	0.17	0.13	0.22	114,114,124
	415.0	0.22	0.16	0.27	114,114,124					
78	0.0	0.21	0.16	0.26	114,114,124	207.5	0.20	0.15	0.25	114,114,124
	415.0	0.25	0.18	0.30	114,114,124					
79	0.0	0.15	0.11	0.19	114,114,124	207.5	0.13	0.09	0.16	114,114,124
	415.0	0.16	0.11	0.20	114,114,124					
80	0.0	0.19	0.14	0.24	114,114,124	207.5	0.17	0.12	0.21	114,114,124
	415.0	0.23	0.16	0.29	114,114,124					
81	0.0	0.17	0.13	0.22	114,114,124	207.5	0.14	0.10	0.18	114,114,124
	415.0	0.19	0.14	0.25	114,114,124					
82	0.0	0.25	0.18	0.30	114,114,124	207.5	0.22	0.16	0.27	114,114,124
	415.0	0.28	0.20	0.35	114,114,124					
83	0.0	0.22	0.17	0.27	114,114,124	207.5	0.20	0.15	0.24	114,114,124
	415.0	0.24	0.18	0.29	114,114,124					
84	0.0	0.13	0.10	0.17	114,114,124	207.5	0.12	0.09	0.15	114,114,124
	415.0	0.15	0.11	0.19	114,114,124					
85	0.0	0.16	0.12	0.20	114,114,124	69.2	0.13	0.10	0.16	114,114,124
	138.3	0.17	0.12	0.21	114,114,124					
87	0.0	0.19	0.13	0.23	114,114,124	206.7	0.09	0.07	0.12	114,114,124
	413.3	0.18	0.13	0.22	114,114,124					
101	0.0	0.16	0.10	0.19	114,114,124	205.0	0.07	0.05	0.08	114,114,124

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
105	410.0	0.16	0.11	0.19	114,114,124	207.5	0.05	0.03	0.05	114,114,124
	0.0	0.12	0.08	0.16	114,114,124					
106	415.0	0.20	0.16	0.25	114,114,124	207.5	0.05	0.03	0.06	114,114,124
	0.0	0.16	0.11	0.18	114,113,124					
108	415.0	0.24	0.24	0.27	114,114,124	205.0	0.11	0.09	0.14	114,114,124
	0.0	0.21	0.15	0.26	114,114,124					
109	410.0	0.20	0.14	0.25	114,114,124	207.5	0.05	0.03	0.05	114,114,124
	0.0	0.15	0.10	0.18	114,114,124					
110	415.0	0.22	0.22	0.25	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	0.0	0.11	0.07	0.14	114,114,124					
111	415.0	0.17	0.12	0.21	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	0.0	0.06	0.04	0.07	114,114,124					
112	415.0	0.06	0.04	0.08	114,114,124	207.5	0.15	0.11	0.18	114,114,124
	0.0	0.16	0.12	0.20	114,114,124					
113	415.0	0.18	0.13	0.22	114,114,124	207.5	0.06	0.05	0.08	114,114,124
	0.0	0.07	0.05	0.09	114,114,124					
114	415.0	0.08	0.06	0.09	114,114,124	207.5	0.07	0.05	0.09	114,114,124
	0.0	0.11	0.08	0.14	114,114,124					
115	415.0	0.11	0.08	0.13	114,114,124	207.5	0.06	0.04	0.07	114,114,124
	0.0	0.11	0.07	0.14	114,114,123					
117	415.0	0.12	0.08	0.14	114,114,124	207.5	0.03	0.02	0.04	114,114,124
	0.0	0.05	0.03	0.07	114,114,124					
118	415.0	0.06	0.04	0.07	114,114,124	205.8	0.04	0.03	0.05	114,114,124
	0.0	0.15	0.10	0.18	114,114,124					
119	411.7	0.17	0.11	0.20	113,114,124	207.5	0.03	0.02	0.03	114,114,124
	0.0	0.11	0.07	0.14	114,114,124					
120	415.0	0.13	0.11	0.16	114,114,124	205.0	0.07	0.05	0.08	114,114,124
	0.0	0.09	0.07	0.12	114,114,124					
121	410.0	0.09	0.06	0.11	114,114,124	205.0	0.06	0.04	0.07	114,114,124
	0.0	0.08	0.06	0.11	114,114,124					
122	410.0	0.08	0.05	0.10	114,114,124	205.0	0.05	0.04	0.06	114,114,124
	0.0	0.07	0.05	0.09	114,114,124					
124	410.0	0.07	0.05	0.09	114,114,124	205.0	0.04	0.03	0.05	114,114,124
	0.0	0.07	0.05	0.09	114,114,124					
147	410.0	0.06	0.04	0.08	114,114,124	205.0	0.08	0.06	0.10	114,114,124
	0.0	0.17	0.11	0.21	114,114,124					
153	410.0	0.15	0.10	0.19	114,114,124	288.3	0.03	0.02	0.04	114,114,124
	0.0	0.10	0.08	0.12	114,113,124					
154	576.7	0.05	0.03	0.06	114,114,124	205.0	0.10	0.08	0.13	114,114,124
	0.0	0.23	0.15	0.28	114,114,124					
155	410.0	0.22	0.14	0.27	114,114,124	207.5	0.08	0.06	0.10	114,114,124
	0.0	0.08	0.06	0.10	114,114,124					
157	415.0	0.07	0.05	0.09	114,114,124	205.0	0.09	0.07	0.12	114,114,124
	0.0	0.20	0.14	0.25	114,114,124					
160	410.0	0.18	0.12	0.23	114,114,124	205.0	0.05	0.04	0.07	114,114,124
	0.0	0.07	0.05	0.09	114,114,124					
164	410.0	0.07	0.05	0.09	114,114,124	205.0	0.04	0.03	0.05	114,114,124
	0.0	0.06	0.04	0.07	114,114,124					
170	410.0	0.06	0.04	0.07	114,114,124	207.5	0.03	0.02	0.04	114,114,124
	0.0	0.05	0.04	0.06	114,114,124					
178	415.0	0.05	0.03	0.06	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	0.0	0.17	0.10	0.20	114,114,124					
179	415.0	0.19	0.11	0.22	114,114,124	207.5	0.07	0.05	0.09	114,114,124
	0.0	0.11	0.08	0.13	114,114,124					
180	415.0	0.09	0.07	0.11	114,114,124	207.5	0.06	0.04	0.07	114,114,124
	0.0	0.09	0.06	0.11	114,114,124					
181	415.0	0.09	0.06	0.11	114,114,124	207.5	0.02	0.01	0.02	114,114,124
	0.0	0.04	0.03	0.06	114,114,124					
183	415.0	0.06	0.04	0.07	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	0.0	0.06	0.04	0.08	114,114,124					
184	415.0	0.07	0.05	0.08	114,114,124	207.5	0.05	0.04	0.06	114,114,124
	0.0	0.17	0.11	0.20	114,114,124					
185	415.0	0.23	0.16	0.27	114,114,124	207.5	0.06	0.04	0.06	114,114,124
	0.0	0.16	0.11	0.19	114,114,124					
186	415.0	0.21	0.15	0.25	114,114,124	207.5	0.04	0.03	0.04	114,114,124
	0.0	0.15	0.11	0.18	114,114,124					
187	415.0	0.20	0.21	0.24	114,114,124	207.5	0.05	0.03	0.05	114,114,124
	0.0	0.22	0.19	0.27	114,114,124					
188	415.0	0.29	0.31	0.33	114,114,124	207.5	0.03	0.02	0.04	114,114,124
	0.0	0.17	0.12	0.21	114,113,124					
189	415.0	0.20	0.18	0.25	114,114,124	207.5	0.05	0.03	0.05	114,114,124
	0.0	0.18	0.11	0.23	114,114,124					
190	415.0	0.20	0.12	0.24	114,114,124	207.5	0.06	0.05	0.08	114,114,124
	0.0	0.16	0.11	0.19	114,114,124					

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
191	415.0	0.18	0.12	0.22	114,114,124	207.5	0.03	0.02	0.04	114,114,124
	0.0	0.16	0.13	0.20	114,114,124					
192	415.0	0.22	0.22	0.26	114,114,124	150.0	0.03	0.02	0.03	114,114,124
	0.0	0.02	0.02	0.03	114,114,124					
196	300.0	0.03	0.02	0.04	114,114,124	207.5	0.05	0.03	0.06	114,114,124
	0.0	0.15	0.09	0.18	114,114,124					
287	415.0	0.20	0.12	0.24	114,114,124	150.0	0.03	0.02	0.03	114,117,124
	0.0	0.15	0.15	0.18	114,114,124					
290	300.0	0.22	0.22	0.27	114,114,124	138.3	0.11	0.09	0.14	114,114,124
	0.0	0.23	0.16	0.28	114,114,124					
294	276.7	0.22	0.15	0.27	114,114,124	205.0	0.09	0.07	0.12	114,114,124
	0.0	0.14	0.10	0.19	114,114,124					
295	410.0	0.15	0.11	0.19	114,114,124	205.0	0.10	0.07	0.12	114,114,124
	0.0	0.15	0.11	0.19	114,114,124					
296	410.0	0.16	0.11	0.20	114,114,124	205.0	0.10	0.07	0.12	114,114,124
	0.0	0.16	0.11	0.20	114,114,124					
297	410.0	0.17	0.11	0.20	114,114,124	205.0	0.10	0.07	0.12	114,114,124
	0.0	0.16	0.11	0.20	114,114,124					
298	410.0	0.16	0.12	0.21	114,114,124	205.0	0.17	0.13	0.21	114,114,124
	0.0	0.25	0.18	0.32	114,114,124					
299	410.0	0.23	0.17	0.30	114,114,124	205.0	0.20	0.15	0.25	114,114,124
	0.0	0.27	0.20	0.34	114,114,124					
300	410.0	0.26	0.19	0.33	114,114,124	205.0	0.18	0.14	0.22	114,114,124
	0.0	0.20	0.15	0.24	114,114,124					
301	410.0	0.19	0.15	0.23	114,114,124	205.0	0.13	0.10	0.16	114,114,124
	0.0	0.15	0.11	0.19	114,114,124					
302	410.0	0.15	0.11	0.18	114,114,124	205.0	0.15	0.11	0.18	114,114,124
	0.0	0.19	0.14	0.23	114,114,124					
303	410.0	0.18	0.13	0.23	114,114,124	205.0	0.18	0.14	0.22	114,114,124
	0.0	0.22	0.16	0.27	114,114,124					
304	410.0	0.21	0.16	0.26	114,114,124	205.0	0.10	0.08	0.12	114,114,124
	0.0	0.19	0.13	0.24	114,114,124					
306	410.0	0.19	0.13	0.23	114,114,124	205.0	0.07	0.06	0.09	114,114,124
	0.0	0.14	0.10	0.18	114,114,124					
307	410.0	0.13	0.09	0.17	114,114,124	205.0	0.06	0.05	0.08	114,114,124
	0.0	0.07	0.05	0.09	114,114,124					
309	410.0	0.07	0.05	0.09	114,114,124	205.0	0.08	0.06	0.09	114,114,124
	0.0	0.09	0.07	0.12	114,114,124					
310	410.0	0.09	0.07	0.11	114,114,124	205.0	0.14	0.11	0.17	114,114,124
	0.0	0.23	0.16	0.28	114,114,124					
311	410.0	0.22	0.16	0.27	114,114,124	205.0	0.10	0.08	0.12	114,114,124
	0.0	0.17	0.12	0.21	114,114,124					
312	410.0	0.17	0.12	0.20	114,114,124	205.0	0.07	0.06	0.09	114,114,124
	0.0	0.15	0.10	0.19	114,114,124					
313	410.0	0.15	0.10	0.18	114,114,124	205.0	0.14	0.11	0.18	114,114,124
	0.0	0.27	0.19	0.34	114,114,124					
314	410.0	0.26	0.18	0.32	114,114,124	205.0	0.13	0.10	0.16	113,113,124
	0.0	0.22	0.16	0.28	114,114,124					
319	410.0	0.22	0.16	0.27	114,114,124	205.8	0.09	0.07	0.11	114,114,124
	0.0	0.17	0.12	0.20	114,114,124					
338	411.7	0.18	0.12	0.22	114,114,124	205.0	0.06	0.05	0.08	114,114,124
	0.0	0.16	0.11	0.19	114,114,124					
342	410.0	0.16	0.11	0.19	114,114,124	206.7	0.04	0.03	0.05	114,114,124
	0.0	0.16	0.10	0.19	113,114,124					
345	413.3	0.18	0.12	0.22	113,113,124	219.2	0.04	0.03	0.05	113,114,124
	0.0	0.11	0.10	0.14	114,113,124					
347	438.3	0.04	0.03	0.05	114,113,124	207.5	0.08	0.06	0.10	114,114,124
	0.0	0.09	0.07	0.12	114,114,124					
351	415.0	0.07	0.05	0.08	114,114,124	205.0	0.05	0.04	0.07	114,114,124
	0.0	0.06	0.05	0.08	114,114,124					
352	410.0	0.06	0.05	0.08	114,114,124	205.0	0.04	0.03	0.05	114,114,124
	0.0	0.05	0.04	0.06	114,114,124					
353	410.0	0.05	0.04	0.06	114,114,124	207.5	0.03	0.02	0.04	114,114,124
	0.0	0.04	0.03	0.05	114,114,124					
356	415.0	0.03	0.02	0.04	114,114,124	150.0	0.02	0.01	0.02	114,114,124
	0.0	0.05	0.03	0.06	114,114,124					
404	300.0	0.05	0.03	0.06	114,114,124	205.0	0.07	0.06	0.09	114,114,124
	0.0	0.16	0.11	0.20	114,114,124					
405	410.0	0.16	0.11	0.20	114,114,124	205.0	0.05	0.04	0.06	114,114,124
	0.0	0.14	0.09	0.17	114,114,124					
406	410.0	0.13	0.08	0.16	113,113,124	205.0	0.07	0.05	0.08	114,114,124
	0.0	0.19	0.12	0.23	114,114,124					
407	410.0	0.18	0.12	0.23	113,113,124	205.0	0.06	0.04	0.07	114,114,124
	0.0	0.16	0.11	0.20	114,114,124					

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
	410.0	0.16	0.10	0.20	113,113,124					
414	0.0	0.13	0.09	0.16	114,114,124	205.0	0.06	0.04	0.07	114,114,124
	410.0	0.12	0.08	0.15	114,114,124					
415	0.0	0.14	0.09	0.18	114,114,124	205.0	0.06	0.04	0.07	114,114,124
	410.0	0.13	0.09	0.16	113,113,124					
416	0.0	0.15	0.10	0.18	114,114,124	205.0	0.06	0.05	0.07	114,114,124
	410.0	0.14	0.09	0.17	113,113,124					
417	0.0	0.14	0.10	0.17	114,114,124	205.0	0.06	0.05	0.07	114,114,124
	410.0	0.13	0.09	0.17	114,114,124					
418	0.0	0.18	0.12	0.22	114,114,124	205.0	0.11	0.08	0.13	114,114,124
	410.0	0.18	0.12	0.22	114,114,124					
419	0.0	0.20	0.14	0.25	114,114,124	205.0	0.13	0.10	0.16	114,114,124
	410.0	0.20	0.14	0.25	114,114,124					
420	0.0	0.13	0.10	0.16	114,114,124	205.0	0.12	0.09	0.15	114,114,124
	410.0	0.13	0.10	0.16	114,114,124					
421	0.0	0.10	0.08	0.13	114,114,124	205.0	0.09	0.07	0.11	114,114,124
	410.0	0.10	0.07	0.12	114,114,124					
422	0.0	0.14	0.10	0.17	114,114,124	205.0	0.10	0.08	0.12	114,114,124
	410.0	0.13	0.09	0.16	114,114,124					
423	0.0	0.16	0.12	0.20	114,114,124	205.0	0.13	0.10	0.15	114,114,124
	410.0	0.16	0.12	0.20	114,114,124					
424	0.0	0.17	0.11	0.21	114,114,124	205.0	0.07	0.05	0.08	114,114,124
	410.0	0.17	0.11	0.20	114,114,124					
426	0.0	0.12	0.08	0.15	114,114,124	205.0	0.05	0.03	0.06	114,114,124
	410.0	0.11	0.08	0.14	113,114,124					
427	0.0	0.06	0.04	0.07	114,114,124	205.0	0.04	0.03	0.05	114,114,124
	410.0	0.06	0.04	0.07	114,114,124					
429	0.0	0.08	0.06	0.10	114,114,124	205.0	0.05	0.04	0.07	114,114,124
	410.0	0.08	0.06	0.10	114,114,124					
430	0.0	0.19	0.13	0.23	114,114,124	205.0	0.10	0.08	0.12	114,114,124
	410.0	0.18	0.13	0.22	114,114,124					
431	0.0	0.14	0.10	0.17	114,114,124	205.0	0.07	0.05	0.08	114,114,124
	410.0	0.14	0.09	0.17	114,114,124					
432	0.0	0.14	0.09	0.17	114,114,124	205.0	0.05	0.04	0.06	114,114,124
	410.0	0.14	0.09	0.17	114,114,124					
433	0.0	0.20	0.14	0.26	114,114,124	205.0	0.09	0.07	0.11	114,114,124
	410.0	0.20	0.13	0.25	114,114,124					
434	0.0	0.17	0.12	0.21	114,114,124	205.0	0.09	0.07	0.10	114,114,124
	410.0	0.16	0.11	0.20	114,114,124					
445	0.0	0.05	0.03	0.06	114,114,124	207.5	0.04	0.03	0.05	114,114,124
	415.0	0.05	0.03	0.06	114,114,124					
448	0.0	0.03	0.02	0.04	114,114,124	207.5	0.01	7.51e-03	0.01	114,113,124
	415.0	0.04	0.04	0.05	114,114,124					
460	0.0	0.04	0.03	0.05	114,114,124	205.0	0.02	0.01	0.02	114,114,124
	410.0	0.04	0.02	0.05	114,114,124					
477	0.0	0.04	0.03	0.05	114,114,124	205.0	0.03	0.02	0.04	114,114,124
	410.0	0.04	0.03	0.05	114,114,124					
482	0.0	0.08	0.06	0.10	114,114,124	207.5	0.07	0.06	0.09	114,114,124
	415.0	0.08	0.06	0.11	114,114,124					
483	0.0	0.07	0.05	0.09	114,114,124	205.0	0.05	0.04	0.06	114,114,124
	410.0	0.07	0.05	0.09	114,114,124					
484	0.0	0.06	0.04	0.07	114,114,124	205.0	0.03	0.02	0.04	114,114,124
	410.0	0.05	0.04	0.07	114,114,124					
485	0.0	0.05	0.03	0.06	114,114,124	207.5	0.02	0.01	0.02	114,114,124
	415.0	0.06	0.05	0.07	114,114,124					
Pilas.		rRfck	rRfyk	rPfck			rRfck	rRfyk	rPfck	
		0.32	0.31	0.39						

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	cm					mm	mm	mm		cm	cm	cm	
6	0.0	0.07	0.15	0.09	113,113,124	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	113,119,124
	80.0	0.03	0.08	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
	160.0	0.06	0.12	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
7	0.0	0.04	0.07	0.05	113,113,124	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	111,118,123
	360.5	0.08	0.16	0.10	115,115,123	0.0	0.0	0.0	0,0,0				
	721.0	0.06	0.12	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
8	0.0	0.01	0.02	0.02	111,115,123	0.0	0.0	0.0	0,0,0	-2.58e-03	-2.24e-03	-2.24e-03	113,118,123
	150.0	9.20e-03	0.02	0.01	113,114,124	0.0	0.0	0.0	0,0,0				
	300.0	5.20e-03	9.85e-03	6.75e-03	115,115,123	0.0	0.0	0.0	0,0,0				
9	0.0	0.18	0.40	0.23	113,113,124	0.15	0.0	0.0	113,0,0	-0.13	-0.09	-0.09	113,119,124
	125.0	6.79e-03	0.02	9.06e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	250.0	0.16	0.37	0.21	114,114,124	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
10	0.0	0.07	0.13	0.09	113,113,124	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	114,119,124
	360.0	0.08	0.16	0.10	115,115,123	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.06	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
11	0.0	0.16	0.35	0.19	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	114,119,124
	360.0	0.16	0.36	0.19	113,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.18	0.40	0.22	113,114,124	0.16	0.0	0.0	114,0,0				
17	0.0	8.99e-05	6.90e-05	1.20e-04	111,111,123	0.0	0.0	0.0	0,0,0	0.16	0.14	0.14	113,119,124
	129.5	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.17	0.30	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
18	0.0	1.08e-04	1.20e-04	7.85e-05	114,111,124	0.0	0.0	0.0	0,0,0	0.16	0.15	0.15	113,119,124
	129.5	0.07	0.15	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.19	0.46	0.23	114,114,124	0.0	0.0	0.0	0,0,0				
19	0.0	0.12	0.18	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	111,118,123
	360.5	0.09	0.13	0.12	114,111,124	0.0	0.0	0.0	0,0,0				
	721.0	0.15	0.22	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
20	0.0	0.30	0.52	0.36	114,114,124	0.19	0.20	0.19	114,119,124	-0.44	-0.39	-0.38	114,119,124
	360.0	0.25	0.59	0.30	113,114,124	0.27	0.26	0.25	114,119,124				
	720.0	0.31	0.60	0.37	113,113,124	0.24	0.26	0.25	113,119,124				
21	0.0	0.18	0.41	0.22	113,114,124	0.0	0.0	0.0	0,0,0	0.21	0.20	0.20	114,119,124
	245.0	0.12	0.28	0.15	113,113,124	0.0	0.0	0.0	0,0,0				
	490.0	0.20	0.39	0.25	114,114,124	0.15	0.14	0.14	114,119,124				
23	0.0	0.0	3.68e-03	0.0	0,115,0	0.0	0.0	0.0	0,0,0	0.16	0.15	0.14	113,119,124
	129.5	0.05	0.13	0.06	113,113,124	0.0	0.0	0.0	0,0,0				
	259.0	0.18	0.42	0.22	113,113,124	0.0	0.0	0.0	0,0,0				
24	0.0	0.30	0.51	0.35	114,114,124	0.18	0.20	0.19	114,119,124	-0.45	-0.40	-0.39	114,119,124
	360.0	0.26	0.60	0.31	113,114,124	0.27	0.27	0.26	114,119,124				
	720.0	0.31	0.60	0.37	113,113,124	0.24	0.26	0.25	113,119,124				
25	0.0	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	114,119,124
	126.2	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	252.4	7.19e-03	0.01	8.80e-03	114,114,124	0.0	0.0	0.0	0,0,0				
26	0.0	0.27	0.47	0.33	113,113,124	0.16	0.18	0.17	113,119,124	-0.51	-0.53	-0.51	113,119,124
	360.0	0.28	0.54	0.34	113,114,124	0.21	0.23	0.22	114,119,124				
	720.0	0.31	0.53	0.38	114,114,124	0.20	0.21	0.20	114,119,124				
27	0.0	6.60e-04	5.07e-04	8.49e-04	114,114,124	0.0	0.0	0.0	0,0,0	0.16	0.14	0.14	113,119,124
	129.5	0.05	0.12	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.18	0.41	0.22	114,114,124	0.0	0.0	0.0	0,0,0				
28	0.0	0.12	0.23	0.14	114,114,124	0.0	0.0	0.0	0,0,0	-0.09	-0.09	-0.08	114,119,124
	150.0	0.03	0.06	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.01	0.02	8.61e-03	114,114,124	0.0	0.0	0.0	0,0,0				
31	0.0	5.92e-03	0.01	7.89e-03	111,113,123	0.0	0.0	0.0	0,0,0	-9.88e-03	-9.36e-03	-9.18e-03	113,119,124
	117.5	9.44e-03	0.02	0.01	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.06	0.10	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
32	0.0	0.07	0.13	0.08	113,113,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.04	114,119,124
	117.5	0.03	0.05	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.07	0.12	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
34	0.0	1.89e-03	0.02	1.83e-03	113,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	129.5	0.0	0.01	0.0	0,117,0	0.0	0.0	0.0	0,0,0				
	259.0	0.07	0.16	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
35	0.0	0.14	0.33	0.17	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.11	114,119,124
	150.0	0.01	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.08	0.20	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
36	0.0	0.13	0.27	0.17	117,117,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	117,122,124
	360.0	0.11	0.23	0.15	117,117,124	0.0	0.0	0.0	0,0,0				
	720.0	0.11	0.23	0.14	117,117,124	0.0	0.0	0.0	0,0,0				
37	0.0	0.01	0.04	0.01	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	129.5	5.52e-03	0.03	5.85e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.05	0.12	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
38	0.0	0.19	0.43	0.22	114,114,124	0.0	0.0	0.0	0,0,0	-0.16	-0.15	-0.15	114,119,124
	150.0	0.02	0.06	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.11	0.26	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
39	0.0	0.11	0.22	0.14	117,117,124	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.14	115,120,123
	360.0	0.13	0.27	0.17	117,117,124	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.27	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
40	0.0	0.07	0.13	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	114,119,124
	117.5	0.03	0.07	0.04	114,117,124	0.0	0.0	0.0	0,0,0				
	235.0	0.07	0.15	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
41	0.0	0.11	0.25	0.13	114,114,124	0.0	0.0	0.0	0,0,0	0.06	0.05	0.05	114,119,124
	117.5	0.03	0.09	0.04	117,114,124	0.0	0.0	0.0	0,0,0				
	235.0	0.10	0.23	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
42	0.0	0.01	0.02	0.01	115,115,123	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	113,119,124
	117.5	0.04	0.09	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
	235.0	5.93e-03	0.01	4.97e-03	113,113,123	0.0	0.0	0.0	0,0,0				
43	0.0	0.01	0.02	0.01	111,111,123	0.0	0.0	0.0	0,0,0	-1.65e-03	-1.65e-03	-1.65e-03	111,118,123
	91.0	0.01	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
44	182.0	0.03	0.05	0.04	111,111,123	0.0	0.0	0.0	0,0,0				
	0.0	0.07	0.15	0.09	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	360.0	0.04	0.09	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
45	0.0	0.03	0.08	0.04	115,115,123	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	115,120,123
	150.0	0.04	0.09	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	300.0	0.08	0.18	0.09	113,113,124	0.0	0.0	0.0	0,0,0				
46	0.0	0.02	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.03	-0.02	-0.02	114,119,124
	269.0	0.03	0.06	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
47	0.0	0.29	0.42	0.38	114,114,124	0.13	0.15	0.15	114,119,124	-0.34	-0.31	-0.31	114,119,124
	360.0	0.19	0.29	0.26	113,113,124	0.0	0.0	0.0	0,0,0				
	720.0	0.25	0.38	0.34	111,111,123	0.12	0.13	0.13	111,118,123				
48	0.0	0.04	0.05	0.05	114,113,124	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	113,119,124
	150.0	1.15e-03	1.42e-03	1.53e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	300.0	0.02	0.04	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
54	0.0	0.34	0.65	0.42	113,113,124	0.27	0.30	0.29	113,119,124	-0.34	-0.36	-0.36	113,119,124
	125.0	0.03	0.06	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.24	0.48	0.30	114,114,124	0.18	0.19	0.19	114,119,124				
70	0.0	0.31	0.61	0.38	113,113,124	0.24	0.26	0.25	113,119,124	-0.37	-0.36	-0.35	114,119,124
	360.0	0.24	0.56	0.29	114,114,124	0.26	0.24	0.23	114,119,124				
	720.0	0.32	0.63	0.38	114,114,124	0.26	0.27	0.26	114,119,124				
75	0.0	0.29	0.56	0.34	113,113,124	0.22	0.23	0.22	113,119,124	-0.31	-0.22	-0.21	113,119,124
	360.0	0.22	0.52	0.26	113,114,124	0.24	0.21	0.21	114,119,124				
	720.0	0.27	0.53	0.32	114,114,124	0.20	0.21	0.20	114,119,124				
86	0.0	0.12	0.23	0.14	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	114,119,124
	360.0	0.16	0.35	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.17	0.34	0.22	113,113,124	0.12	0.0	0.0	113,0,0				
88	0.0	0.12	0.18	0.15	114,114,124	0.0	0.0	0.0	0,0,0	-0.12	-0.11	-0.10	114,119,124
	150.0	9.07e-03	0.02	0.01	111,114,123	0.0	0.0	0.0	0,0,0				
	300.0	0.09	0.13	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
89	0.0	0.12	0.18	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.14	0.12	113,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.13	0.20	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
90	0.0	0.23	0.53	0.28	113,113,124	0.24	0.23	0.22	113,119,124	-0.13	-0.13	-0.13	113,119,124
	80.0	0.10	0.23	0.12	113,113,124	0.0	0.0	0.0	0,0,0				
	160.0	0.07	0.16	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
91	0.0	0.04	0.08	0.05	114,114,124	0.0	0.0	0.0	0,0,0	0.01	8.95e-03	8.45e-03	114,119,124
	91.0	0.02	0.05	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
92	0.0	0.04	0.08	0.04	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.04	114,119,124
	269.0	0.02	0.05	0.03	115,111,123	0.0	0.0	0.0	0,0,0				
	538.0	0.03	0.06	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
93	0.0	0.15	0.22	0.18	114,114,124	0.0	0.0	0.0	0,0,0	-0.15	-0.13	-0.13	114,119,124
	150.0	8.63e-03	0.02	0.01	111,114,123	0.0	0.0	0.0	0,0,0				
	300.0	0.11	0.17	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
94	0.0	0.12	0.18	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.14	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.13	0.20	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
95	0.0	2.55e-04	1.96e-04	3.40e-04	111,111,123	0.0	0.0	0.0	0,0,0	0.16	0.14	0.14	113,119,124
	129.5	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.16	0.29	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
96	0.0	0.24	0.47	0.30	114,114,124	0.18	0.19	0.18	114,119,124	-0.05	-0.05	-0.05	113,119,124
	80.0	0.28	0.54	0.34	113,114,124	0.21	0.23	0.23	114,119,124				
	160.0	0.28	0.55	0.35	113,114,124	0.21	0.24	0.23	114,119,124				
97	0.0	0.16	0.37	0.21	114,114,124	0.0	0.0	0.0	0,0,0	0.04	0.02	0.02	114,119,124
	80.0	0.18	0.40	0.23	113,114,124	0.16	0.0	0.0	114,0,0				
	160.0	0.18	0.40	0.23	113,114,124	0.15	0.0	0.0	114,0,0				
98	0.0	0.29	0.56	0.36	113,114,124	0.21	0.24	0.24	114,119,124	0.61	0.63	0.62	114,119,124
	155.0	8.17e-03	0.03	9.33e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	310.0	0.38	0.64	0.46	114,114,124	0.26	0.27	0.26	114,119,124				
99	0.0	0.18	0.40	0.23	113,114,124	0.15	0.0	0.0	114,0,0	0.31	0.34	0.33	114,119,124
	155.0	0.01	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	310.0	0.19	0.37	0.24	114,114,124	0.13	0.13	0.13	114,119,124				
100	0.0	0.43	0.57	0.56	114,114,124	0.20	0.22	0.22	114,119,124	-1.17	-1.27	-1.25	114,119,124
	260.0	0.22	0.29	0.29	113,113,124	0.08	0.09	0.09	113,119,124				
	520.0	0.22	0.29	0.28	114,114,124	0.08	0.09	0.08	114,119,124				
102	0.0	0.19	0.26	0.25	114,114,124	0.07	0.0	0.0	114,0,0	-0.36	-0.35	-0.34	114,119,124
	260.0	0.09	0.11	0.11	117,117,124	0.0	0.0	0.0	0,0,0				
	520.0	0.13	0.17	0.16	114,114,124	0.0	0.0	0.0	0,0,0				
103	0.0	0.02	0.03	0.03	114,114,124	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	113,119,124
	80.0	0.06	0.08	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.02	0.03	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
104	0.0	0.13	0.17	0.16	114,114,124	0.0	0.0	0.0	0,0,0	0.21	0.20	0.20	114,119,124

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	100.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	200.0	0.18	0.24	0.23	114,114,124	0.0	0.0	0.0	0,0,0				
107	0.0	0.19	0.42	0.23	113,113,124	0.16	0.0	0.0	113,0,0	-0.10	-0.09	-0.09	113,119,124
	360.0	0.12	0.27	0.14	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.14	0.32	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
116	0.0	0.09	0.17	0.11	113,113,124	0.0	0.0	0.0	0,0,0	7.25e-03	7.05e-03	6.96e-03	114,119,124
	150.0	0.02	0.05	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
	300.0	0.07	0.17	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
123	0.0	0.06	0.08	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	114,119,124
	142.5	0.04	0.05	0.04	114,113,124	0.0	0.0	0.0	0,0,0				
	284.9	0.03	0.04	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
125	0.0	0.08	0.20	0.11	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	111,118,123
	360.0	0.06	0.16	0.08	111,111,123	0.0	0.0	0.0	0,0,0				
	720.0	0.08	0.19	0.10	113,114,124	0.0	0.0	0.0	0,0,0				
126	0.0	0.08	0.16	0.10	111,111,123	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	111,118,123
	360.0	0.07	0.16	0.10	115,115,123	0.0	0.0	0.0	0,0,0				
	720.0	0.09	0.20	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
127	0.0	0.08	0.18	0.11	113,113,124	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	111,118,123
	360.0	0.08	0.16	0.10	115,111,123	0.0	0.0	0.0	0,0,0				
	720.0	0.07	0.14	0.10	115,115,123	0.0	0.0	0.0	0,0,0				
128	0.0	0.08	0.17	0.11	111,111,123	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	111,118,123
	360.0	0.07	0.16	0.10	111,111,123	0.0	0.0	0.0	0,0,0				
	720.0	0.08	0.15	0.11	114,114,124	0.0	0.0	0.0	0,0,0				
129	0.0	0.04	0.09	0.06	113,113,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	114,119,124
	360.0	0.06	0.12	0.08	115,114,123	0.0	0.0	0.0	0,0,0				
	720.0	0.06	0.13	0.08	115,115,123	0.0	0.0	0.0	0,0,0				
130	0.0	0.03	0.08	0.04	111,115,123	0.0	0.0	0.0	0,0,0	6.13e-03	6.13e-03	6.13e-03	111,118,123
	150.0	0.02	0.04	0.02	111,115,123	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.07	0.04	115,115,123	0.0	0.0	0.0	0,0,0				
131	0.0	0.06	0.13	0.08	111,114,123	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	115,120,123
	360.5	0.06	0.12	0.08	111,114,123	0.0	0.0	0.0	0,0,0				
	721.0	0.04	0.08	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
132	0.0	1.41e-03	1.17e-03	8.51e-04	113,113,123	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	180.0	0.06	0.12	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	360.0	0.03	0.05	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
133	0.0	0.04	0.08	0.06	113,113,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	111,118,123
	360.5	0.07	0.15	0.09	115,115,123	0.0	0.0	0.0	0,0,0				
	721.0	0.05	0.10	0.07	115,115,123	0.0	0.0	0.0	0,0,0				
134	0.0	7.60e-03	0.01	0.01	111,111,123	0.0	0.0	0.0	0,0,0	-3.34e-03	-3.10e-03	-3.02e-03	114,119,124
	150.0	0.01	0.02	0.01	113,114,124	0.0	0.0	0.0	0,0,0				
	300.0	8.10e-04	3.47e-03	1.07e-03	115,113,123	0.0	0.0	0.0	0,0,0				
135	0.0	0.05	0.11	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	115,120,123
	360.0	0.07	0.15	0.09	115,115,123	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.08	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
136	0.0	0.13	0.26	0.16	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	114,119,124
	360.0	0.16	0.35	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.18	0.36	0.23	113,113,124	0.12	0.12	0.12	113,119,124				
137	0.0	0.27	0.41	0.36	114,114,124	0.13	0.15	0.15	114,119,124	-0.33	-0.32	-0.32	114,119,124
	360.0	0.20	0.30	0.26	113,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.26	0.39	0.35	111,111,123	0.12	0.14	0.14	111,118,123				
138	0.0	0.05	0.08	0.07	114,114,124	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	111,118,123
	150.0	3.93e-03	5.63e-03	5.23e-03	113,111,124	0.0	0.0	0.0	0,0,0				
	300.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
139	0.0	0.12	0.19	0.17	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.13	0.12	114,115,124	0.0	0.0	0.0	0,0,0				
	721.0	0.14	0.20	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
140	0.0	0.20	0.45	0.25	113,113,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	113,119,124
	115.0	0.03	0.07	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
	230.0	0.16	0.38	0.21	113,114,124	0.0	0.0	0.0	0,0,0				
141	0.0	0.31	0.61	0.37	114,114,124	0.25	0.26	0.25	114,119,124	-0.43	-0.38	-0.37	114,119,124
	360.0	0.25	0.58	0.30	114,114,124	0.26	0.25	0.24	114,119,124				
	720.0	0.30	0.52	0.37	113,113,124	0.19	0.20	0.20	113,119,124				
142	0.0	0.02	0.04	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	114,119,124
	180.0	0.12	0.27	0.14	114,114,124	0.0	0.0	0.0	0,0,0				
	360.0	0.18	0.31	0.21	113,113,124	0.0	0.0	0.0	0,0,0				
143	0.0	0.02	0.04	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	114,119,124
	180.0	0.12	0.27	0.14	114,114,124	0.0	0.0	0.0	0,0,0				
	360.0	0.18	0.32	0.21	113,113,124	0.0	0.0	0.0	0,0,0				
144	0.0	0.31	0.61	0.37	114,114,124	0.25	0.26	0.25	114,119,124	-0.44	-0.40	-0.38	114,119,124
	360.0	0.25	0.59	0.30	113,114,124	0.27	0.26	0.25	114,119,124				
	720.0	0.30	0.51	0.36	113,113,124	0.18	0.20	0.19	113,119,124				
167	0.0	0.29	0.50	0.35	113,113,124	0.18	0.20	0.19	113,119,124	-0.56	-0.59	-0.57	113,119,124
	360.0	0.28	0.57	0.35	114,114,124	0.22	0.24	0.23	114,119,124				
	720.0	0.28	0.48	0.34	114,114,124	0.17	0.19	0.18	114,119,124				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
168	0.0	0.07	0.13	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	150.0	6.04e-03	0.02	6.26e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.05	0.09	0.07	113,113,124	0.0	0.0	0.0	0,0,0				
169	0.0	5.62e-04	2.12e-03	5.66e-04	115,113,123	0.0	0.0	0.0	0,0,0	3.73e-03	3.62e-03	3.60e-03	114,119,124
	117.5	0.02	0.03	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.04	0.08	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
171	0.0	0.12	0.22	0.15	113,113,124	0.0	0.0	0.0	0,0,0	0.02	0.02	0.01	114,119,124
	117.5	0.03	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	235.0	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
172	0.0	0.33	0.57	0.41	113,113,124	0.22	0.24	0.23	113,119,124	-0.32	-0.34	-0.31	113,119,124
	125.0	0.05	0.09	0.06	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.23	0.55	0.29	114,114,124	0.25	0.24	0.24	114,119,124				
173	0.0	0.30	0.51	0.36	113,113,124	0.18	0.20	0.19	113,119,124	-0.33	-0.36	-0.34	114,119,124
	360.0	0.24	0.56	0.29	114,114,124	0.25	0.24	0.23	114,119,124				
	720.0	0.32	0.62	0.38	113,114,124	0.25	0.27	0.26	114,119,124				
174	0.0	0.31	0.60	0.36	113,113,124	0.24	0.25	0.24	113,119,124	-0.31	-0.28	-0.22	113,119,124
	360.0	0.23	0.52	0.27	114,114,124	0.24	0.22	0.21	114,119,124				
	720.0	0.25	0.49	0.30	114,114,124	0.19	0.19	0.18	114,119,124				
175	0.0	0.11	0.21	0.13	113,113,124	0.0	0.0	0.0	0,0,0	8.29e-03	7.81e-03	7.65e-03	114,119,124
	150.0	0.02	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.06	0.11	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
176	0.0	0.19	0.37	0.23	113,113,124	0.14	0.0	0.0	113,0,0	-0.17	-0.13	-0.13	113,119,124
	115.0	0.04	0.09	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	230.0	0.15	0.36	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
177	0.0	0.18	0.35	0.22	114,114,124	0.12	0.12	0.12	114,119,124	-0.12	-0.12	-0.12	114,119,124
	360.0	0.16	0.36	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.21	0.48	0.26	113,113,124	0.18	0.19	0.18	113,119,124				
182	0.0	0.19	0.35	0.23	113,114,124	0.12	0.12	0.12	114,119,124	-0.13	-0.12	-0.12	114,119,124
	360.0	0.16	0.36	0.20	113,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.21	0.46	0.26	113,114,124	0.18	0.18	0.17	114,119,124				
193	0.0	0.09	0.16	0.11	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.12	114,119,124
	360.0	0.15	0.29	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.17	0.33	0.21	114,114,124	0.0	0.0	0.0	0,0,0				
195	0.0	0.18	0.34	0.21	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.11	114,119,124
	360.0	0.15	0.27	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.15	0.28	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
197	0.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	113,119,124
	155.3	2.86e-05	0.01	0.0	113,113,0	0.0	0.0	0.0	0,0,0				
	310.7	0.04	0.08	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
198	0.0	0.07	0.15	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	114,119,124
	142.5	0.04	0.06	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
	284.9	0.03	0.05	0.03	113,114,124	0.0	0.0	0.0	0,0,0				
199	0.0	0.03	0.05	0.03	113,113,124	0.0	0.0	0.0	0,0,0	0.06	0.06	0.05	113,119,124
	155.3	4.77e-03	4.15e-03	4.63e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	310.7	0.06	0.09	0.07	113,113,124	0.0	0.0	0.0	0,0,0				
200	0.0	0.13	0.17	0.16	114,114,124	0.0	0.0	0.0	0,0,0	0.20	0.20	0.20	114,119,124
	100.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	200.0	0.18	0.24	0.23	114,114,124	0.0	0.0	0.0	0,0,0				
201	0.0	0.11	0.20	0.13	114,114,124	0.0	0.0	0.0	0,0,0	0.19	0.17	0.17	114,119,124
	98.0	0.07	0.11	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	196.0	0.20	0.41	0.24	114,114,124	0.0	0.0	0.0	0,0,0				
202	0.0	0.02	0.05	0.02	113,113,124	0.0	0.0	0.0	0,0,0	0.06	0.06	0.06	113,119,124
	155.7	3.62e-03	2.73e-03	3.03e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	311.4	0.05	0.11	0.07	113,113,124	0.0	0.0	0.0	0,0,0				
203	0.0	0.05	0.09	0.06	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	111,118,123
	360.5	0.06	0.11	0.08	111,111,123	0.0	0.0	0.0	0,0,0				
	721.0	0.03	0.06	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
204	0.0	0.01	0.01	0.01	111,111,123	0.0	0.0	0.0	0,0,0	-3.21e-03	-2.88e-03	-2.77e-03	113,119,124
	150.0	0.02	0.01	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	6.16e-03	4.13e-03	8.21e-03	111,111,123	0.0	0.0	0.0	0,0,0				
205	0.0	0.04	0.07	0.05	113,113,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	360.0	0.06	0.12	0.08	111,111,123	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.08	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
206	0.0	0.13	0.22	0.15	114,114,124	0.0	0.0	0.0	0,0,0	-0.15	-0.13	-0.13	114,119,124
	360.0	0.17	0.32	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.16	0.30	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
207	0.0	0.14	0.19	0.18	114,114,124	0.0	0.0	0.0	0,0,0	-0.18	-0.18	-0.18	114,119,124
	360.0	0.10	0.13	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.11	0.16	0.15	111,111,123	0.0	0.0	0.0	0,0,0				
208	0.0	0.02	0.02	0.02	115,115,123	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	113,119,124
	150.0	2.31e-04	4.05e-03	2.05e-04	113,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.06	0.05	111,113,123	0.0	0.0	0.0	0,0,0				
209	0.0	0.12	0.17	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	111,118,123
	360.5	0.09	0.13	0.12	111,114,123	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
210	721.0	0.14	0.21	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.29	0.60	0.33	114,114,124	0.27	0.25	0.24	114,119,124	-0.58	-0.56	-0.49	114,119,124
	360.0	0.30	0.64	0.35	114,114,124	0.29	0.28	0.26	114,119,124				
	720.0	0.32	0.57	0.37	114,114,124	0.22	0.23	0.22	114,119,124				
211	0.0	0.13	0.25	0.16	114,114,124	0.0	0.0	0.0	0,0,0	0.20	0.18	0.18	114,119,124
	245.0	0.11	0.21	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
	490.0	0.13	0.24	0.16	114,114,124	0.0	0.0	0.0	0,0,0				
212	0.0	3.72e-03	5.26e-03	4.01e-03	113,113,124	0.0	0.0	0.0	0,0,0	-2.52e-03	-2.39e-03	-2.34e-03	113,119,124
	125.0	0.01	0.02	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	250.0	7.29e-03	0.01	8.64e-03	114,114,124	0.0	0.0	0.0	0,0,0				
213	0.0	0.26	0.53	0.30	114,114,124	0.24	0.22	0.21	114,119,124	-0.49	-0.47	-0.45	114,119,124
	360.0	0.28	0.59	0.33	114,114,124	0.27	0.25	0.24	114,119,124				
	720.0	0.32	0.57	0.37	114,114,124	0.22	0.23	0.22	114,119,124				
214	0.0	7.35e-03	0.01	8.74e-03	113,113,124	0.0	0.0	0.0	0,0,0	-1.31e-03	-1.23e-03	-1.21e-03	113,119,124
	125.0	7.72e-03	0.01	9.49e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.01	0.02	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
215	0.0	0.29	0.61	0.33	114,114,124	0.27	0.25	0.24	114,119,124	-0.66	-0.63	-0.60	114,119,124
	360.0	0.33	0.68	0.37	114,114,124	0.31	0.31	0.29	114,119,124				
	720.0	0.27	0.56	0.31	114,114,124	0.25	0.23	0.22	114,119,124				
216	0.0	0.12	0.29	0.14	114,114,124	0.0	0.0	0.0	0,0,0	-0.10	-0.09	-0.09	114,119,124
	150.0	0.01	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.06	0.14	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
217	0.0	1.90e-03	2.31e-03	2.48e-03	115,115,123	0.0	0.0	0.0	0,0,0	-0.06	-0.05	-0.05	114,119,124
	180.0	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	360.0	0.02	0.04	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
221	0.0	7.03e-03	0.02	8.50e-03	113,114,124	0.0	0.0	0.0	0,0,0	8.19e-04	-7.50e-04	-7.52e-04	117,122,124
	125.0	5.04e-03	0.01	6.17e-03	113,114,124	0.0	0.0	0.0	0,0,0				
	250.0	0.02	0.03	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
223	0.0	0.03	0.06	0.04	114,114,124	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	113,119,124
	117.5	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	235.0	0.03	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
224	0.0	0.05	0.07	0.06	114,114,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	114,119,124
	117.5	0.04	0.04	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
	235.0	0.07	0.09	0.09	114,113,124	0.0	0.0	0.0	0,0,0				
225	0.0	0.30	0.54	0.35	114,114,124	0.21	0.22	0.21	114,119,124	-0.21	-0.19	-0.19	114,119,124
	125.0	0.03	0.03	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
	250.0	0.21	0.42	0.25	114,114,124	0.0	0.0	0.0	0,0,0				
226	0.0	0.31	0.56	0.37	114,114,124	0.22	0.23	0.22	114,119,124	-0.27	-0.15	-0.14	114,119,124
	360.0	0.23	0.47	0.27	114,114,124	0.21	0.0	0.0	114,0,0				
	720.0	0.32	0.57	0.37	114,114,124	0.22	0.23	0.22	114,119,124				
227	0.0	0.35	0.66	0.41	114,114,124	0.28	0.29	0.28	114,119,124	-0.49	-0.52	-0.50	114,119,124
	360.0	0.28	0.63	0.33	114,114,124	0.28	0.28	0.27	114,119,124				
	720.0	0.32	0.59	0.37	114,114,124	0.23	0.25	0.24	114,119,124				
228	0.0	0.13	0.24	0.16	114,114,124	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	114,119,124
	150.0	0.04	0.08	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.08	0.16	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
229	0.0	0.13	0.26	0.16	114,114,124	0.0	0.0	0.0	0,0,0	-0.10	-0.09	-0.09	114,119,124
	115.0	0.01	7.12e-03	0.01	117,114,124	0.0	0.0	0.0	0,0,0				
	230.0	0.13	0.25	0.16	114,114,124	0.0	0.0	0.0	0,0,0				
230	0.0	0.18	0.33	0.21	114,114,124	0.0	0.0	0.0	0,0,0	-0.11	-0.11	-0.10	114,119,124
	360.0	0.14	0.26	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.20	0.37	0.23	114,114,124	0.14	0.0	0.0	114,0,0				
231	0.0	0.08	0.15	0.10	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.08	-0.07	114,119,124
	182.5	0.22	0.48	0.27	114,114,124	0.22	0.0	0.0	114,0,0				
	365.0	0.10	0.20	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
232	0.0	0.07	0.13	0.09	114,114,124	0.0	0.0	0.0	0,0,0	0.06	0.05	0.05	114,119,124
	150.0	0.03	0.03	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.05	0.08	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
233	0.0	7.60e-03	0.01	0.01	111,111,123	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	114,119,124
	150.0	7.40e-03	0.01	8.55e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.07	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
236	0.0	0.06	0.12	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	360.0	0.05	0.09	0.06	111,113,123	0.0	0.0	0.0	0,0,0				
	720.0	0.02	0.03	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
237	0.0	0.15	0.27	0.18	114,114,124	0.0	0.0	0.0	0,0,0	-0.30	-0.23	-0.19	114,119,124
	360.0	0.22	0.42	0.25	114,114,124	0.16	0.14	0.0	114,119,0				
	720.0	0.15	0.27	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
238	0.0	0.06	0.12	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.10	-0.09	-0.09	114,119,124
	150.0	0.02	0.02	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.04	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
239	0.0	0.02	0.01	0.02	114,113,124	0.0	0.0	0.0	0,0,0	-1.81e-03	-1.61e-03	-1.57e-03	114,119,124
	125.0	0.01	6.99e-03	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	250.0	5.27e-03	3.72e-03	6.10e-03	114,114,124	0.0	0.0	0.0	0,0,0				
240	0.0	0.14	0.26	0.17	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	125.0	6.00e-03	4.57e-03	7.64e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.12	0.21	0.15	114,114,124	0.0	0.0	0.0	0,0,0				
241	0.0	2.70e-03	2.69e-03	3.60e-03	111,111,123	0.0	0.0	0.0	0,0,0	-5.34e-03	-5.34e-03	-5.34e-03	111,118,123
	91.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.02	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
245	0.0	0.05	0.11	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	360.0	0.05	0.10	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.06	111,111,123	0.0	0.0	0.0	0,0,0				
246	0.0	0.04	0.08	0.05	111,111,123	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	115,120,123
	150.0	0.06	0.12	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.11	0.24	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
247	0.0	0.01	0.01	0.01	114,113,124	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	114,119,124
	269.0	0.03	0.04	0.04	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	4.97e-03	3.54e-03	4.74e-03	114,114,124	0.0	0.0	0.0	0,0,0				
248	0.0	0.14	0.18	0.17	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.12	-0.11	114,119,124
	150.0	0.03	0.03	0.04	113,111,124	0.0	0.0	0.0	0,0,0				
	300.0	0.08	0.09	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
249	0.0	0.06	0.13	0.07	113,113,124	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	114,119,124
	150.0	8.21e-03	0.02	9.99e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.07	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
250	0.0	0.12	0.17	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	111,118,123
	360.5	0.09	0.13	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.12	0.17	0.16	114,111,124	0.0	0.0	0.0	0,0,0				
251	0.0	0.20	0.40	0.23	114,114,124	0.0	0.0	0.0	0,0,0	-0.10	-0.10	-0.09	114,119,124
	80.0	0.08	0.14	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.08	0.15	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
252	0.0	0.02	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0	7.41e-03	5.83e-03	5.31e-03	114,119,124
	91.0	0.01	0.02	0.01	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.04	0.08	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
253	0.0	0.03	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.06	-0.05	-0.05	114,119,124
	269.0	0.03	0.04	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	0.02	0.02	0.02	114,113,124	0.0	0.0	0.0	0,0,0				
258	0.0	0.17	0.23	0.21	114,114,124	0.0	0.0	0.0	0,0,0	-0.17	-0.15	-0.15	114,119,124
	150.0	0.03	0.04	0.04	114,115,124	0.0	0.0	0.0	0,0,0				
	300.0	0.11	0.15	0.13	114,114,124	0.0	0.0	0.0	0,0,0				
260	0.0	0.08	0.18	0.10	114,114,124	0.0	0.0	0.0	0,0,0	-0.15	-0.16	-0.15	113,119,124
	182.5	0.23	0.52	0.28	113,114,124	0.24	0.22	0.22	114,119,124				
	365.0	0.10	0.24	0.13	113,113,124	0.0	0.0	0.0	0,0,0				
261	0.0	0.12	0.18	0.17	111,111,123	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	111,118,123
	360.5	0.09	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.12	0.18	0.16	114,114,124	0.0	0.0	0.0	0,0,0				
263	0.0	0.01	0.02	0.01	115,115,123	0.0	0.0	0.0	0,0,0	7.88e-03	7.29e-03	7.14e-03	115,120,123
	117.5	0.02	0.03	0.02	117,117,124	0.0	0.0	0.0	0,0,0				
	235.0	0.05	0.10	0.06	115,115,123	0.0	0.0	0.0	0,0,0				
264	0.0	0.20	0.40	0.24	114,114,124	0.0	0.0	0.0	0,0,0	-0.03	-0.04	-0.03	113,119,124
	80.0	0.24	0.49	0.29	114,114,124	0.22	0.20	0.20	114,119,124				
	160.0	0.25	0.50	0.30	114,114,124	0.23	0.21	0.20	114,119,124				
265	0.0	0.12	0.19	0.15	114,114,124	0.0	0.0	0.0	0,0,0	0.03	0.03	0.02	113,119,124
	80.0	0.13	0.22	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.13	0.22	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
266	0.0	0.25	0.53	0.30	114,114,124	0.24	0.22	0.21	114,119,124	0.52	0.55	0.53	114,119,124
	155.0	0.02	0.02	0.03	114,117,124	0.0	0.0	0.0	0,0,0				
	310.0	0.33	0.60	0.39	114,114,124	0.24	0.25	0.24	114,119,124				
269	0.0	0.13	0.23	0.17	114,114,124	0.0	0.0	0.0	0,0,0	0.19	0.18	0.17	114,119,124
	155.0	0.01	7.47e-03	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	310.0	0.14	0.24	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
271	0.0	0.19	0.26	0.24	114,114,124	0.0	0.0	0.0	0,0,0	-0.36	-0.34	-0.34	114,119,124
	260.0	0.09	0.12	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	520.0	0.13	0.17	0.16	114,114,124	0.0	0.0	0.0	0,0,0				
272	0.0	0.02	0.05	0.03	113,113,124	0.0	0.0	0.0	0,0,0	0.05	0.04	0.04	114,119,124
	150.0	0.01	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.07	0.15	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
273	0.0	0.01	0.03	0.01	111,111,123	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	114,119,124
	150.0	3.05e-04	5.43e-03	0.0	113,113,0	0.0	0.0	0.0	0,0,0				
	300.0	0.02	0.05	0.03	114,113,124	0.0	0.0	0.0	0,0,0				
275	0.0	0.07	0.15	0.09	114,113,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	360.0	0.06	0.14	0.08	117,111,124	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
276	0.0	0.16	0.31	0.20	113,113,124	0.0	0.0	0.0	0,0,0	-0.27	-0.21	-0.16	113,119,124
	360.0	0.18	0.43	0.23	113,114,124	0.17	0.16	0.0	114,119,0				
	720.0	0.21	0.41	0.26	114,114,124	0.14	0.15	0.14	114,119,124				
278	0.0	0.07	0.14	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.08	-0.08	-0.08	114,119,124
	150.0	2.46e-03	0.01	2.22e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.07	0.03	114,114,124	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfYk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
279	0.0	0.0	5.29e-03	0.0	0,113,0	0.0	0.0	0.0	0,0,0	0.13	0.12	0.12	113,119,124
	129.5	0.06	0.13	0.07	114,113,124	0.0	0.0	0.0	0,0,0				
	259.0	0.17	0.43	0.20	114,113,124	0.0	0.0	0.0	0,0,0				
282	0.0	0.34	0.61	0.40	113,113,124	0.24	0.26	0.25	113,119,124	-0.36	-0.36	-0.35	113,119,124
	117.5	0.11	0.20	0.13	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.0	0.0	0.0	0,0,0	0.0	0.0	0.0	0,0,0				
283	0.0	3.23e-04	2.46e-04	3.92e-04	114,114,124	0.0	0.0	0.0	0,0,0	0.36	0.36	0.35	113,119,124
	117.5	0.11	0.20	0.13	114,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.34	0.61	0.40	114,113,124	0.24	0.26	0.24	113,119,124				
285	0.0	0.0	1.86e-03	0.0	0,113,0	0.0	0.0	0.0	0,0,0	0.33	0.31	0.30	113,119,124
	117.5	0.12	0.27	0.14	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.31	0.58	0.36	113,113,124	0.22	0.24	0.23	113,119,124				
286	0.0	9.52e-04	7.31e-04	1.15e-03	114,114,124	0.0	0.0	0.0	0,0,0	0.14	0.13	0.13	113,119,124
	129.5	0.05	0.10	0.06	113,113,124	0.0	0.0	0.0	0,0,0				
	259.0	0.17	0.39	0.21	113,113,124	0.0	0.0	0.0	0,0,0				
288	0.0	0.04	0.13	0.05	117,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	114,119,124
	139.5	0.0	0.05	0.0	0,114,0	0.0	0.0	0.0	0,0,0				
	279.0	7.31e-03	0.07	9.03e-03	115,114,123	0.0	0.0	0.0	0,0,0				
289	0.0	0.06	0.16	0.07	114,114,124	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	115,120,123
	139.5	0.0	0.03	0.0	0,113,0	0.0	0.0	0.0	0,0,0				
	279.0	0.02	0.09	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
291	0.0	0.45	0.60	0.59	114,114,124	0.21	0.23	0.23	114,119,124	-1.28	-1.38	-1.37	114,119,124
	260.0	0.22	0.30	0.30	113,113,124	0.09	0.09	0.09	113,119,124				
	520.0	0.25	0.34	0.33	114,114,124	0.10	0.11	0.11	114,119,124				
292	0.0	0.03	0.03	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	113,119,124
	80.0	0.08	0.11	0.11	114,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.03	0.04	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
293	0.0	0.26	0.34	0.33	114,114,124	0.10	0.11	0.11	114,119,124	0.91	0.99	0.99	113,119,124
	100.0	0.05	0.07	0.07	111,111,123	0.0	0.0	0.0	0,0,0				
	200.0	0.44	0.59	0.58	113,113,124	0.21	0.23	0.23	113,119,124				
305	0.0	0.0	4.32e-03	0.0	0,114,0	0.0	0.0	0.0	0,0,0	0.33	0.34	0.30	113,119,124
	117.5	0.12	0.28	0.14	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.31	0.59	0.37	113,113,124	0.23	0.24	0.23	113,119,124				
308	0.0	0.0	3.42e-03	0.0	0,113,0	0.0	0.0	0.0	0,0,0	0.38	0.38	0.34	113,119,124
	117.5	0.12	0.28	0.15	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.33	0.59	0.39	113,113,124	0.23	0.25	0.24	113,119,124				
315	0.0	0.02	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0	9.33e-03	8.40e-03	8.10e-03	114,119,124
	150.0	5.64e-03	0.01	6.86e-03	113,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
316	0.0	0.05	0.10	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	360.0	0.06	0.11	0.07	111,115,123	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.08	0.06	111,111,123	0.0	0.0	0.0	0,0,0				
317	0.0	0.18	0.36	0.22	113,113,124	0.12	0.12	0.12	113,119,124	-0.28	-0.26	-0.26	113,119,124
	360.0	0.20	0.44	0.24	114,114,124	0.17	0.17	0.17	114,119,124				
	720.0	0.17	0.34	0.21	114,114,124	0.12	0.0	0.0	114,0,0				
318	0.0	0.04	0.09	0.05	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	150.0	4.29e-03	0.02	5.72e-03	111,114,123	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.07	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
320	0.0	0.20	0.40	0.26	113,113,124	0.14	0.15	0.15	113,119,124	-0.16	-0.17	-0.17	113,119,124
	125.0	0.03	0.07	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.15	0.34	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
321	0.0	3.12e-03	9.63e-03	4.16e-03	111,111,123	0.0	0.0	0.0	0,0,0	1.92e-03	-1.64e-03	-1.64e-03	114,118,123
	91.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
322	0.0	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	360.0	0.04	0.10	0.06	113,113,124	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
323	0.0	0.02	0.05	0.03	115,115,123	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	113,119,124
	150.0	0.05	0.12	0.07	113,113,124	0.0	0.0	0.0	0,0,0				
	300.0	0.10	0.20	0.13	113,113,124	0.0	0.0	0.0	0,0,0				
324	0.0	0.01	0.03	0.02	114,114,124	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	114,119,124
	269.0	0.03	0.05	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	6.14e-03	0.01	6.12e-03	114,114,124	0.0	0.0	0.0	0,0,0				
325	0.0	0.06	0.09	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	150.0	8.68e-03	0.02	0.01	111,113,123	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.04	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
326	0.0	0.13	0.19	0.17	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.14	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.12	0.19	0.16	115,114,123	0.0	0.0	0.0	0,0,0				
327	0.0	0.22	0.44	0.27	113,113,124	0.17	0.17	0.16	113,119,124	-0.15	-0.14	-0.13	113,119,124
	80.0	0.10	0.21	0.13	113,113,124	0.0	0.0	0.0	0,0,0				
	160.0	0.05	0.14	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
328	0.0	0.03	0.06	0.04	114,114,124	0.0	0.0	0.0	0,0,0	3.78e-03	3.15e-03	2.94e-03	114,119,124
	91.0	0.02	0.04	0.03	111,111,123	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
329	182.0	2.97e-03	7.31e-03	1.68e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	114,119,124
	269.0	0.02	0.05	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
330	538.0	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.07	0.10	0.09	114,114,124	0.0	0.0	0.0	0,0,0	-0.07	-0.06	-0.06	114,119,124
	150.0	0.01	0.01	0.01	113,113,124	0.0	0.0	0.0	0,0,0				
331	300.0	0.04	0.05	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.13	0.19	0.17	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
332	721.0	0.12	0.19	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.29	0.42	0.34	113,113,124	0.14	0.15	0.14	113,119,124	-0.30	-0.28	-0.27	113,119,124
	117.5	0.11	0.25	0.13	113,113,124	0.0	0.0	0.0	0,0,0				
333	235.0	7.36e-04	5.65e-04	8.55e-04	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.23	0.54	0.28	114,114,124	0.25	0.24	0.23	114,119,124	-0.04	-0.05	-0.05	113,119,124
	80.0	0.25	0.50	0.31	114,114,124	0.19	0.21	0.20	114,119,124				
334	160.0	0.26	0.52	0.33	113,113,124	0.20	0.22	0.21	113,119,124				
	0.0	0.15	0.35	0.19	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.01	113,119,124
	80.0	0.17	0.40	0.22	114,114,124	0.0	0.0	0.0	0,0,0				
335	160.0	0.18	0.42	0.24	113,113,124	0.16	0.17	0.16	113,119,124				
	0.0	0.27	0.53	0.33	113,113,124	0.20	0.22	0.22	113,119,124	0.48	0.46	0.45	114,119,124
	155.0	0.03	0.10	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
336	310.0	0.30	0.46	0.37	114,114,124	0.16	0.17	0.17	114,119,124				
	0.0	0.18	0.42	0.24	113,113,124	0.16	0.17	0.16	113,119,124	0.19	0.19	0.18	114,119,124
	155.0	7.15e-03	0.04	7.17e-03	113,113,124	0.0	0.0	0.0	0,0,0				
337	310.0	0.15	0.31	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.41	0.55	0.54	114,114,124	0.19	0.21	0.21	114,119,124	-1.08	-1.17	-1.18	114,119,124
	260.0	0.22	0.30	0.30	113,113,124	0.09	0.09	0.09	113,119,124				
339	520.0	0.22	0.29	0.28	114,114,124	0.08	0.08	0.08	114,119,124				
	0.0	0.42	0.56	0.55	114,114,124	0.19	0.21	0.21	114,119,124	-1.09	-1.19	-1.18	114,119,124
	260.0	0.22	0.30	0.29	113,113,124	0.08	0.09	0.09	113,119,124				
340	520.0	0.22	0.29	0.28	114,114,124	0.08	0.08	0.08	114,119,124				
	0.0	0.02	0.03	0.03	114,114,124	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	113,119,124
	80.0	0.08	0.11	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
341	160.0	0.03	0.04	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
	0.0	0.22	0.29	0.28	114,114,124	0.08	0.09	0.08	114,119,124	0.76	0.84	0.83	113,119,124
	100.0	0.07	0.09	0.09	111,111,123	0.0	0.0	0.0	0,0,0				
343	200.0	0.39	0.52	0.51	113,113,124	0.17	0.19	0.19	113,119,124				
	0.0	0.21	0.29	0.28	114,114,124	0.08	0.08	0.08	114,119,124	0.75	0.82	0.82	113,119,124
	100.0	0.07	0.09	0.09	111,111,123	0.0	0.0	0.0	0,0,0				
344	200.0	0.38	0.51	0.50	113,113,124	0.16	0.19	0.19	113,119,124				
	0.0	0.13	0.31	0.16	113,113,124	0.0	0.0	0.0	0,0,0	0.21	0.22	0.22	114,119,124
	98.0	0.07	0.16	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
346	196.0	0.23	0.45	0.28	114,114,124	0.17	0.18	0.17	114,119,124				
	0.0	0.16	0.39	0.20	114,114,124	0.0	0.0	0.0	0,0,0	0.18	0.17	0.17	114,119,124
	245.0	0.13	0.32	0.17	113,113,124	0.0	0.0	0.0	0,0,0				
348	490.0	0.16	0.33	0.21	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.07	0.16	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.16	-0.17	-0.16	113,119,124
	182.5	0.23	0.54	0.28	114,114,124	0.25	0.24	0.23	114,119,124				
349	365.0	0.12	0.29	0.16	113,113,124	0.0	0.0	0.0	0,0,0				
	0.0	0.11	0.22	0.14	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.13	-0.13	114,119,124
	360.0	0.16	0.35	0.20	114,113,124	0.0	0.0	0.0	0,0,0				
350	720.0	0.16	0.28	0.20	113,113,124	0.09	0.0	0.0	113,0,0				
	0.0	0.16	0.31	0.19	113,113,124	0.0	0.0	0.0	0,0,0	-0.11	-0.10	-0.09	113,119,124
	360.0	0.12	0.27	0.15	114,114,124	0.0	0.0	0.0	0,0,0				
354	720.0	0.15	0.33	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.25	0.34	0.33	114,114,124	0.10	0.11	0.11	114,119,124	0.90	0.99	0.98	113,119,124
	100.0	0.05	0.06	0.06	111,111,123	0.0	0.0	0.0	0,0,0				
355	200.0	0.43	0.58	0.57	113,113,124	0.20	0.22	0.22	113,119,124				
	0.0	0.12	0.26	0.15	113,113,124	0.0	0.0	0.0	0,0,0	0.21	0.20	0.19	114,119,124
	98.0	0.08	0.14	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
357	196.0	0.23	0.38	0.28	114,114,124	0.13	0.13	0.13	114,119,124				
	0.0	0.04	0.08	0.06	113,113,124	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	111,118,123
	360.5	0.08	0.16	0.10	115,111,123	0.0	0.0	0.0	0,0,0				
358	721.0	0.06	0.10	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0	-2.14e-03	-2.05e-03	-2.02e-03	114,119,124
	150.0	7.92e-03	8.71e-03	9.94e-03	114,113,124	0.0	0.0	0.0	0,0,0				
359	300.0	4.18e-03	4.31e-03	5.54e-03	115,111,123	0.0	0.0	0.0	0,0,0				
	0.0	0.06	0.11	0.09	113,113,124	0.0	0.0	0.0	0,0,0	-0.07	-0.07	-0.07	114,119,124
	360.0	0.08	0.16	0.10	111,111,123	0.0	0.0	0.0	0,0,0				
360	720.0	0.04	0.07	0.05	115,115,123	0.0	0.0	0.0	0,0,0				
	0.0	0.13	0.26	0.17	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.13	-0.12	114,119,124
	360.0	0.16	0.35	0.20	114,113,124	0.0	0.0	0.0	0,0,0				
361	720.0	0.17	0.33	0.22	113,113,124	0.11	0.0	0.0	113,0,0				
	0.0	0.28	0.42	0.38	114,114,124	0.13	0.15	0.15	114,119,124	-0.32	-0.31	-0.31	114,119,124

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	360.0	0.19	0.29	0.26	114,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.26	0.38	0.34	111,111,123	0.12	0.13	0.13	111,118,123				
362	0.0	0.04	0.06	0.05	114,114,124	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	113,119,124
	150.0	1.20e-03	1.58e-03	1.60e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	300.0	0.02	0.03	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
363	0.0	0.12	0.18	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.13	0.12	114,115,124	0.0	0.0	0.0	0,0,0				
	721.0	0.14	0.21	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
364	0.0	0.28	0.47	0.33	114,114,124	0.16	0.18	0.17	114,119,124	-0.46	-0.45	-0.39	114,119,124
	360.0	0.26	0.60	0.31	114,114,124	0.27	0.26	0.25	114,119,124				
	720.0	0.30	0.51	0.36	113,113,124	0.18	0.20	0.19	113,119,124				
365	0.0	0.17	0.39	0.22	114,114,124	0.0	0.0	0.0	0,0,0	0.20	0.19	0.19	114,119,124
	245.0	0.12	0.28	0.16	113,113,124	0.0	0.0	0.0	0,0,0				
	490.0	0.19	0.37	0.24	114,114,124	0.14	0.14	0.0	114,119,0				
366	0.0	0.06	0.14	0.07	114,114,124	0.0	0.0	0.0	0,0,0	2.02e-03	1.82e-03	1.76e-03	113,119,124
	125.0	4.14e-03	0.02	4.22e-03	115,115,123	0.0	0.0	0.0	0,0,0				
	250.0	3.86e-03	0.02	3.18e-03	113,114,124	0.0	0.0	0.0	0,0,0				
367	0.0	0.28	0.46	0.33	114,114,124	0.16	0.17	0.17	114,119,124	-0.48	-0.47	-0.45	114,119,124
	360.0	0.26	0.61	0.31	114,113,124	0.27	0.27	0.26	113,119,124				
	720.0	0.30	0.50	0.36	113,113,124	0.18	0.19	0.19	113,119,124				
368	0.0	0.07	0.14	0.08	114,113,124	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	113,119,124
	139.5	0.01	0.03	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
	279.0	0.06	0.12	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
369	0.0	0.28	0.47	0.34	113,113,124	0.16	0.18	0.17	113,119,124	-0.51	-0.53	-0.52	113,119,124
	360.0	0.28	0.54	0.34	114,114,124	0.21	0.22	0.22	114,119,124				
	720.0	0.29	0.42	0.35	114,114,124	0.14	0.15	0.15	114,119,124				
370	0.0	0.10	0.19	0.12	114,114,124	0.0	0.0	0.0	0,0,0	-0.08	-0.07	-0.07	114,119,124
	150.0	0.01	0.03	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
	300.0	0.01	0.02	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
371	0.0	5.69e-03	8.14e-03	6.96e-03	113,113,124	0.0	0.0	0.0	0,0,0	-4.95e-03	-4.64e-03	-4.53e-03	113,119,124
	117.5	0.01	0.02	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
	235.0	0.05	0.08	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
372	0.0	0.09	0.16	0.11	113,113,124	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	114,119,124
	117.5	0.03	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	235.0	0.04	0.08	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
373	0.0	0.34	0.58	0.42	113,113,124	0.22	0.24	0.24	113,119,124	-0.33	-0.33	-0.33	113,119,124
	125.0	0.04	0.08	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	250.0	0.24	0.47	0.31	114,114,124	0.18	0.19	0.19	114,119,124				
374	0.0	0.30	0.50	0.36	114,113,124	0.18	0.19	0.19	113,119,124	-0.33	-0.36	-0.34	114,119,124
	360.0	0.24	0.55	0.29	114,114,124	0.25	0.24	0.23	114,119,124				
	720.0	0.32	0.62	0.38	113,113,124	0.25	0.27	0.26	113,119,124				
375	0.0	0.30	0.57	0.35	113,113,124	0.22	0.24	0.23	113,119,124	-0.31	-0.22	-0.21	113,119,124
	360.0	0.23	0.52	0.27	114,114,124	0.23	0.21	0.21	114,119,124				
	720.0	0.27	0.51	0.31	114,114,124	0.20	0.20	0.19	114,119,124				
376	0.0	0.10	0.19	0.12	113,113,124	0.0	0.0	0.0	0,0,0	7.77e-03	7.42e-03	7.31e-03	114,119,124
	150.0	0.02	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.06	0.11	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
377	0.0	0.18	0.35	0.23	113,113,124	0.14	0.0	0.0	113,0,0	-0.15	-0.12	-0.12	113,119,124
	115.0	0.03	0.06	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
	230.0	0.16	0.37	0.21	114,114,124	0.0	0.0	0.0	0,0,0				
378	0.0	0.17	0.30	0.21	114,114,124	0.09	0.09	0.0	114,119,0	-0.13	-0.12	-0.12	114,119,124
	360.0	0.16	0.35	0.20	113,114,124	0.0	0.0	0.0	0,0,0				
	720.0	0.20	0.38	0.24	113,113,124	0.13	0.13	0.13	113,119,124				
379	0.0	0.07	0.16	0.09	114,114,124	0.0	0.0	0.0	0,0,0	-0.15	-0.16	-0.14	113,119,124
	182.5	0.23	0.52	0.28	114,114,124	0.23	0.22	0.22	114,119,124				
	365.0	0.11	0.25	0.14	113,113,124	0.0	0.0	0.0	0,0,0				
380	0.0	0.03	0.09	0.04	113,113,124	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	114,119,124
	150.0	0.01	0.03	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.09	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
381	0.0	0.01	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0	0.02	0.01	0.01	114,119,124
	150.0	4.61e-04	6.88e-03	0.0	113,114,0	0.0	0.0	0.0	0,0,0				
	300.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
382	0.0	0.06	0.11	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	114,119,124
	360.0	0.05	0.11	0.07	115,115,123	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.07	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
383	0.0	0.17	0.32	0.21	113,113,124	0.0	0.0	0.0	0,0,0	-0.27	-0.21	-0.17	113,119,124
	360.0	0.19	0.42	0.24	114,114,124	0.16	0.16	0.0	114,119,0				
	720.0	0.18	0.31	0.23	114,114,124	0.10	0.10	0.09	114,119,124				
384	0.0	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0	-0.07	-0.06	-0.06	114,119,124
	150.0	0.0	6.96e-03	0.0	0,113,0	0.0	0.0	0.0	0,0,0				
	300.0	1.56e-03	7.98e-03	2.08e-03	111,114,123	0.0	0.0	0.0	0,0,0				
385	0.0	0.01	0.04	0.01	115,115,123	0.0	0.0	0.0	0,0,0	-8.58e-03	-7.73e-03	-7.47e-03	114,119,124
	125.0	0.04	0.11	0.05	114,114,124	0.0	0.0	0.0	0,0,0				
	250.0	0.03	0.10	0.04	113,113,124	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
386	0.0	0.19	0.36	0.24	113,113,124	0.12	0.13	0.12	113,119,124	-0.14	-0.14	-0.13	113,119,124
	125.0	0.02	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	250.0	0.16	0.35	0.20	114,114,124	0.0	0.0	0.0	0,0,0				
387	0.0	8.13e-03	0.02	0.01	111,111,123	0.0	0.0	0.0	0,0,0	3.13e-03	2.30e-03	2.02e-03	114,119,124
	91.0	0.01	0.02	0.01	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.02	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
388	0.0	0.06	0.15	0.08	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	114,119,124
	360.0	0.04	0.09	0.06	113,113,124	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
389	0.0	0.03	0.07	0.04	115,115,123	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	115,120,123
	150.0	0.04	0.10	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	300.0	0.08	0.15	0.09	113,113,124	0.0	0.0	0.0	0,0,0				
390	0.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.01	114,119,124
	269.0	0.03	0.06	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	0.01	0.03	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
391	0.0	0.10	0.14	0.12	114,114,124	0.0	0.0	0.0	0,0,0	-0.09	-0.08	-0.08	114,119,124
	150.0	9.89e-03	0.01	0.01	111,111,123	0.0	0.0	0.0	0,0,0				
	300.0	0.07	0.09	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
392	0.0	0.12	0.18	0.16	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.13	0.19	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
393	0.0	0.22	0.41	0.27	113,113,124	0.16	0.15	0.15	113,119,124	-0.12	-0.12	-0.12	113,119,124
	80.0	0.10	0.19	0.12	113,113,124	0.0	0.0	0.0	0,0,0				
	160.0	0.06	0.14	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
394	0.0	0.03	0.06	0.04	114,114,124	0.0	0.0	0.0	0,0,0	9.06e-03	7.85e-03	7.47e-03	114,119,124
	91.0	0.02	0.03	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	182.0	0.01	0.02	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
395	0.0	0.03	0.07	0.04	114,114,124	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.03	114,119,124
	269.0	0.02	0.05	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	538.0	0.02	0.05	0.03	114,114,124	0.0	0.0	0.0	0,0,0				
396	0.0	0.12	0.17	0.15	114,114,124	0.0	0.0	0.0	0,0,0	-0.11	-0.10	-0.10	114,119,124
	150.0	0.01	0.01	0.01	113,114,124	0.0	0.0	0.0	0,0,0				
	300.0	0.09	0.13	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
397	0.0	0.12	0.19	0.17	111,111,123	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	111,118,123
	360.5	0.09	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	721.0	0.13	0.19	0.17	114,114,124	0.0	0.0	0.0	0,0,0				
398	0.0	0.0	2.11e-03	0.0	0,111,0	0.0	0.0	0.0	0,0,0	0.15	0.14	0.14	113,119,124
	129.5	0.06	0.14	0.07	114,114,124	0.0	0.0	0.0	0,0,0				
	259.0	0.18	0.44	0.22	114,114,124	0.0	0.0	0.0	0,0,0				
399	0.0	0.24	0.47	0.30	114,114,124	0.18	0.19	0.18	114,119,124	-0.05	-0.05	-0.05	113,119,124
	80.0	0.28	0.55	0.35	114,114,124	0.21	0.24	0.23	114,119,124				
	160.0	0.29	0.56	0.36	113,113,124	0.22	0.25	0.24	113,119,124				
400	0.0	0.16	0.35	0.20	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	114,119,124
	80.0	0.18	0.39	0.23	114,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.18	0.40	0.24	113,113,124	0.15	0.0	0.0	113,0,0				
401	0.0	0.29	0.57	0.37	113,113,124	0.22	0.25	0.25	113,119,124	0.49	0.53	0.52	114,119,124
	155.0	0.01	0.05	0.02	113,113,124	0.0	0.0	0.0	0,0,0				
	310.0	0.35	0.53	0.43	114,114,124	0.19	0.21	0.20	114,119,124				
402	0.0	0.18	0.40	0.24	113,113,124	0.15	0.0	0.0	113,0,0	0.29	0.33	0.32	114,119,124
	155.0	5.83e-03	0.01	7.48e-03	115,115,123	0.0	0.0	0.0	0,0,0				
	310.0	0.18	0.34	0.23	114,114,124	0.12	0.12	0.11	114,119,124				
403	0.0	0.44	0.60	0.59	114,114,124	0.21	0.23	0.23	114,119,124	-1.26	-1.37	-1.35	114,119,124
	260.0	0.22	0.30	0.30	113,113,124	0.09	0.09	0.09	113,119,124				
	520.0	0.25	0.34	0.33	114,114,124	0.10	0.11	0.11	114,119,124				
408	0.0	0.06	0.13	0.07	114,114,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	113,119,124
	139.5	5.38e-03	7.86e-03	7.17e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	279.0	0.07	0.15	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
409	0.0	0.09	0.25	0.11	114,113,124	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	114,119,124
	142.9	0.06	0.18	0.07	113,113,124	0.0	0.0	0.0	0,0,0				
	285.7	0.04	0.11	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
410	0.0	6.51e-03	0.03	8.41e-03	115,114,123	0.0	0.0	0.0	0,0,0	0.03	0.02	0.02	113,119,124
	155.7	0.0	0.04	0.0	0,113,0	0.0	0.0	0.0	0,0,0				
	311.4	0.0	0.03	0.0	0,115,0	0.0	0.0	0.0	0,0,0				
411	0.0	0.43	0.57	0.56	114,114,124	0.20	0.22	0.22	114,119,124	-1.18	-1.29	-1.27	114,119,124
	260.0	0.22	0.29	0.29	113,113,124	0.08	0.09	0.09	113,119,124				
	520.0	0.22	0.29	0.28	114,114,124	0.08	0.09	0.09	114,119,124				
412	0.0	0.03	0.04	0.04	114,114,124	0.0	0.0	0.0	0,0,0	0.02	0.01	0.01	114,119,124
	80.0	0.07	0.09	0.09	114,113,124	0.0	0.0	0.0	0,0,0				
	160.0	0.03	0.05	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
413	0.0	0.22	0.30	0.29	114,114,124	0.08	0.09	0.09	114,119,124	0.80	0.89	0.89	113,119,124
	100.0	0.05	0.06	0.06	111,111,123	0.0	0.0	0.0	0,0,0				
	200.0	0.40	0.54	0.53	113,113,124	0.18	0.20	0.20	113,119,124				
425	0.0	0.33	0.58	0.39	113,113,124	0.22	0.24	0.23	113,119,124	-0.35	-0.33	-0.31	114,119,124
	117.5	0.12	0.27	0.14	113,113,124	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
428	235.0	3.84e-04	2.95e-04	4.40e-04	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.33	0.58	0.39	114,114,124	0.22	0.24	0.23	114,119,124	-0.38	-0.39	-0.34	114,119,124
	117.5	0.12	0.27	0.14	114,114,124	0.0	0.0	0.0	0,0,0				
435	235.0	3.95e-04	3.03e-04	4.47e-04	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.13	0.29	0.16	114,114,124	0.0	0.0	0.0	0,0,0	-0.13	-0.13	-0.12	114,119,124
	360.0	0.16	0.35	0.20	113,114,124	0.0	0.0	0.0	0,0,0				
436	720.0	0.17	0.33	0.21	113,114,124	0.11	0.0	0.0	114,0,0				
	0.0	0.17	0.37	0.20	113,113,124	0.0	0.0	0.0	0,0,0	-0.11	-0.10	-0.09	114,119,124
	360.0	0.12	0.27	0.15	113,114,124	0.0	0.0	0.0	0,0,0				
437	720.0	0.15	0.34	0.18	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	3.00e-03	2.07e-03	2.88e-03	113,113,123	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	113,119,124
	155.3	4.33e-03	3.54e-03	4.25e-03	114,113,124	0.0	0.0	0.0	0,0,0				
438	310.7	0.03	0.04	0.03	113,113,124	0.0	0.0	0.0	0,0,0				
	0.0	0.02	0.02	0.02	113,113,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	113,119,124
	155.3	1.32e-03	2.46e-03	1.50e-03	114,111,123	0.0	0.0	0.0	0,0,0				
439	310.7	0.04	0.08	0.05	113,113,124	0.0	0.0	0.0	0,0,0				
	0.0	0.02	0.06	0.02	113,113,124	0.0	0.0	0.0	0,0,0	0.06	0.05	0.05	113,119,124
	155.7	9.39e-03	0.05	9.79e-03	113,113,124	0.0	0.0	0.0	0,0,0				
440	311.4	0.07	0.19	0.08	113,113,124	0.0	0.0	0.0	0,0,0				
	0.0	0.22	0.29	0.28	114,114,124	0.08	0.08	0.08	114,119,124	0.80	0.88	0.88	113,119,124
	100.0	0.04	0.06	0.06	111,111,123	0.0	0.0	0.0	0,0,0				
441	200.0	0.39	0.53	0.52	113,113,124	0.17	0.20	0.20	113,119,124				
	0.0	0.11	0.25	0.14	113,113,124	0.0	0.0	0.0	0,0,0	0.24	0.25	0.24	113,119,124
	98.0	0.10	0.20	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
442	196.0	0.26	0.50	0.32	114,114,124	0.19	0.21	0.20	114,119,124				
	0.0	0.09	0.25	0.11	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	114,119,124
	142.9	0.03	0.09	0.03	113,114,124	0.0	0.0	0.0	0,0,0				
443	285.7	0.0	0.04	0.0	0,115,0	0.0	0.0	0.0	0,0,0				
	0.0	0.06	0.08	0.07	114,114,124	0.0	0.0	0.0	0,0,0	0.29	0.27	0.26	114,119,124
	245.0	0.06	0.08	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
446	490.0	0.15	0.20	0.19	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	1.28e-03	1.70e-03	1.71e-03	111,111,123	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	114,119,124
	126.2	2.03e-03	3.28e-03	2.70e-03	111,111,123	0.0	0.0	0.0	0,0,0				
447	252.4	7.54e-03	0.02	8.92e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.07	0.14	0.09	113,113,124	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	113,119,124
	80.0	0.03	0.06	0.04	113,113,124	0.0	0.0	0.0	0,0,0				
449	160.0	0.06	0.12	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	6.67e-03	0.02	7.02e-03	114,114,124	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	114,119,124
	280.5	0.02	0.04	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
451	561.0	0.03	0.07	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.17	0.23	0.22	113,113,124	0.0	0.0	0.0	0,0,0	-0.22	-0.22	-0.22	113,119,124
	115.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
453	230.0	0.10	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.03	0.06	0.03	114,114,124	0.0	0.0	0.0	0,0,0	0.07	0.06	0.06	114,119,124
	280.5	0.02	0.04	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
454	561.0	0.06	0.14	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	1.51e-03	4.90e-03	2.01e-03	111,111,123	0.0	0.0	0.0	0,0,0	0.03	0.02	0.02	114,119,124
	126.2	2.43e-03	6.91e-03	3.25e-03	111,111,123	0.0	0.0	0.0	0,0,0				
455	252.4	4.89e-03	0.01	5.61e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.31	0.42	0.42	111,111,123	0.12	0.15	0.15	111,118,123	-0.65	-0.76	-0.76	111,118,123
	360.0	0.22	0.29	0.29	111,111,123	0.08	0.09	0.09	111,118,123				
456	720.0	0.05	0.06	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.06	0.11	0.08	114,114,124	0.0	0.0	0.0	0,0,0	0.09	0.08	0.08	114,119,124
	182.5	0.08	0.15	0.10	114,114,124	0.0	0.0	0.0	0,0,0				
457	365.0	0.08	0.14	0.09	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	2.55e-03	6.20e-03	3.40e-03	111,111,123	0.0	0.0	0.0	0,0,0	0.02	0.01	0.01	114,119,124
	126.2	3.78e-03	8.95e-03	5.04e-03	111,111,123	0.0	0.0	0.0	0,0,0				
458	252.4	1.15e-03	3.00e-03	1.00e-03	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.05	0.08	0.06	114,114,124	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	114,119,124
	80.0	0.02	0.02	0.02	114,114,124	0.0	0.0	0.0	0,0,0				
459	160.0	0.06	0.10	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.05	0.06	0.05	113,113,124	0.0	0.0	0.0	0,0,0	0.36	0.35	0.34	114,119,124
	245.0	0.14	0.19	0.19	113,113,124	0.0	0.0	0.0	0,0,0				
462	490.0	0.33	0.44	0.43	114,114,124	0.14	0.16	0.16	114,119,124				
	0.0	0.28	0.37	0.36	113,113,124	0.11	0.12	0.12	113,119,124	-0.23	-0.25	-0.25	113,119,124
	80.0	0.04	0.05	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
463	160.0	0.09	0.12	0.12	115,115,123	0.0	0.0	0.0	0,0,0				
	0.0	0.28	0.38	0.37	113,113,124	0.11	0.13	0.12	113,119,124	-0.24	-0.25	-0.25	113,119,124
	80.0	0.04	0.05	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
464	160.0	0.09	0.12	0.12	115,115,123	0.0	0.0	0.0	0,0,0				
	0.0	0.02	0.04	0.02	114,114,124	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	114,119,124
	280.5	0.02	0.04	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
465	561.0	0.05	0.10	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
	0.0	0.17	0.23	0.22	113,113,124	0.0	0.0	0.0	0,0,0	-0.22	-0.22	-0.22	113,119,124

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	115.0	0.02	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	230.0	0.09	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
466	0.0	0.31	0.42	0.42	111,111,123	0.12	0.15	0.15	111,118,123	-0.66	-0.76	-0.76	111,118,123
	360.0	0.22	0.29	0.29	111,111,123	0.08	0.09	0.09	111,118,123				
	720.0	0.04	0.06	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
467	0.0	0.08	0.17	0.10	113,114,124	0.0	0.0	0.0	0,0,0	0.09	0.08	0.08	114,119,124
	182.5	0.08	0.17	0.10	113,113,124	0.0	0.0	0.0	0,0,0				
	365.0	0.11	0.21	0.14	114,114,124	0.0	0.0	0.0	0,0,0				
469	0.0	0.07	0.16	0.09	113,114,124	0.0	0.0	0.0	0,0,0	-0.03	-0.02	-0.02	113,119,124
	80.0	0.03	0.07	0.04	113,114,124	0.0	0.0	0.0	0,0,0				
	160.0	0.07	0.16	0.09	113,114,124	0.0	0.0	0.0	0,0,0				
470	0.0	0.17	0.23	0.22	113,113,124	0.0	0.0	0.0	0,0,0	-0.23	-0.23	-0.23	113,119,124
	115.0	0.02	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	230.0	0.09	0.12	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
471	0.0	0.32	0.42	0.42	111,111,123	0.12	0.15	0.15	111,118,123	-0.66	-0.76	-0.76	111,118,123
	360.0	0.22	0.29	0.29	111,111,123	0.08	0.09	0.09	111,118,123				
	720.0	0.04	0.05	0.05	114,113,124	0.0	0.0	0.0	0,0,0				
472	0.0	0.06	0.13	0.08	114,114,124	0.0	0.0	0.0	0,0,0	0.06	0.06	0.06	114,119,124
	182.5	0.07	0.15	0.09	113,113,124	0.0	0.0	0.0	0,0,0				
	365.0	0.08	0.15	0.11	114,114,124	0.0	0.0	0.0	0,0,0				
473	0.0	0.04	0.06	0.05	114,114,124	0.0	0.0	0.0	0,0,0	0.34	0.32	0.32	114,119,124
	245.0	0.15	0.20	0.19	113,113,124	0.0	0.0	0.0	0,0,0				
	490.0	0.32	0.43	0.42	114,114,124	0.13	0.15	0.15	114,119,124				
474	0.0	0.29	0.38	0.37	113,113,124	0.11	0.13	0.13	113,119,124	-0.25	-0.26	-0.26	113,119,124
	80.0	0.04	0.05	0.05	113,111,124	0.0	0.0	0.0	0,0,0				
	160.0	0.09	0.12	0.12	115,115,123	0.0	0.0	0.0	0,0,0				
475	0.0	0.05	0.06	0.05	114,114,124	0.0	0.0	0.0	0,0,0	0.35	0.34	0.33	114,119,124
	245.0	0.14	0.19	0.19	113,113,124	0.0	0.0	0.0	0,0,0				
	490.0	0.33	0.44	0.43	114,114,124	0.13	0.16	0.16	114,119,124				
476	0.0	0.14	0.19	0.18	114,114,124	0.0	0.0	0.0	0,0,0	-0.12	-0.11	-0.11	114,119,124
	80.0	0.01	0.02	0.02	111,111,123	0.0	0.0	0.0	0,0,0				
	160.0	0.04	0.05	0.05	111,111,123	0.0	0.0	0.0	0,0,0				
478	0.0	0.02	0.02	0.02	114,114,124	0.0	0.0	0.0	0,0,0	0.08	0.07	0.07	114,119,124
	280.5	0.02	0.03	0.03	111,111,123	0.0	0.0	0.0	0,0,0				
	561.0	0.05	0.09	0.06	114,114,124	0.0	0.0	0.0	0,0,0				
479	0.0	0.10	0.13	0.12	114,114,124	0.0	0.0	0.0	0,0,0	-0.11	-0.11	-0.11	114,119,124
	115.0	8.37e-03	0.01	0.01	114,114,124	0.0	0.0	0.0	0,0,0				
	230.0	0.07	0.09	0.08	114,114,124	0.0	0.0	0.0	0,0,0				
480	0.0	0.09	0.13	0.13	111,111,123	0.0	0.0	0.0	0,0,0	0.22	0.20	0.20	114,119,124
	360.0	0.08	0.11	0.11	111,114,123	0.0	0.0	0.0	0,0,0				
	720.0	0.03	0.05	0.04	114,114,124	0.0	0.0	0.0	0,0,0				
481	0.0	0.07	0.13	0.09	114,114,124	0.0	0.0	0.0	0,0,0	0.07	0.07	0.07	114,119,124
	182.5	0.07	0.14	0.09	113,113,124	0.0	0.0	0.0	0,0,0				
	365.0	0.09	0.16	0.12	114,114,124	0.0	0.0	0.0	0,0,0				
486	0.0	0.0	0.0	0.0	0,0,0	0.0	0.0	0.0	0,0,0	2.73e-03	2.73e-03	2.73e-03	111,118,123
	63.5	4.41e-03	9.52e-03	5.88e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	127.0	0.01	0.03	0.02	116,116,123	0.0	0.0	0.0	0,0,0				
487	0.0	0.0	0.0	0.0	0,0,0	0.0	0.0	0.0	0,0,0	-4.36e-03	-3.83e-03	-3.67e-03	114,119,124
	47.0	2.32e-03	5.01e-03	3.09e-03	113,111,123	0.0	0.0	0.0	0,0,0				
	94.0	5.34e-03	0.01	7.12e-03	113,111,124	0.0	0.0	0.0	0,0,0				
488	0.0	0.0	0.0	0.0	111,111,123	0.0	0.0	0.0	0,0,0	-4.76e-03	-4.26e-03	-4.10e-03	114,119,124
	31.5	9.28e-04	1.75e-03	1.24e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	63.0	1.35e-03	2.54e-03	1.80e-03	111,111,123	0.0	0.0	0.0	0,0,0				
489	0.0	0.01	0.02	0.01	111,111,123	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	113,119,124
	63.5	3.69e-03	6.42e-03	4.92e-03	111,111,123	0.0	0.0	0.0	0,0,0				
	127.0	0.0	0.0	0.0	0,0,0	0.0	0.0	0.0	0,0,0				
490	0.0	4.47e-03	7.77e-03	5.96e-03	115,113,123	0.0	0.0	0.0	0,0,0	0.02	0.02	0.01	114,119,124
	47.0	1.94e-03	3.38e-03	2.59e-03	112,113,123	0.0	0.0	0.0	0,0,0				
	94.0	0.0	0.0	0.0	0,0,0	0.0	0.0	0.0	0,0,0				
491	0.0	1.35e-03	2.54e-03	1.80e-03	113,113,123	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	113,119,124
	31.5	9.28e-04	1.75e-03	1.24e-03	113,113,124	0.0	0.0	0.0	0,0,0				
	63.0	0.0	0.0	0.0	113,113,124	0.0	0.0	0.0	0,0,0				
Trave		rRfck	rRfyk	rPfck		wR	wF	wP		dR	dF	dP	
										-1.28	-1.38	-1.37	
		0.45	0.68	0.59		0.31	0.31	0.29		0.91	0.99	0.99	

STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO

LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)

Le verifiche RES per SLD sono effettuate in accordo alle Norme Tecniche 17 Gennaio 2018 e alla circolare n.7 del 21 gennaio 2019 nonché alle linee guida del Consiglio Superiore LL.PP. "Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP".

Le verifiche RES per SLD, sono riportate nelle successive tabelle nella forma di rapporto "domanda" su "capacità" e hanno esito positivo quando il rapporto è non superiore al valore unitario.

La "domanda" è ottenuta direttamente dall'analisi per le previste combinazioni SLD (NTC18 2.5.3. COMBINAZIONI DELLE AZIONI formula [2.5.5]).

Simbologia adottata nelle tabelle di verifica

Per le verifiche agli SLD di pilastri, travi setti e gusci in c.a. è presente una tabella con i simboli di seguito descritti:

Pilas./Trave/ Setto/Guscio	numero identificativo dell'elemento D2 o D3
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Pos.	Posizione nell'elemento della sezione per la quale si riporta la verifica
V N/M	Verifica a pressoflessione con rapporto Ed/Rd: valore minore o uguale a 1 per verifica positiva
V V/T cls	Verifica a taglio/torsione con rapporto Ved/Vrd lato cls: valore minore o uguale a 1 per verifica positiva
V V/T acc	Verifica a taglio/torsione con rapporto Ved/Vrd lato acciaio: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

TABELLA VERIFICHE ELEMENTI D2 PILASTRI C.A.

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Pilas.	Stato	Pos. cm	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos. cm	V N/M	V V/T cls	V V/T acc	Rif. cmb
29	ok	0.0	0.15	0.14	0.13	66,50,53	150.0	0.14	0.14	0.18	58,50,53
		300.0	0.41	0.14	0.13	50,50,53					
30	ok	0.0	0.14	0.11	0.09	58,78,72	150.0	0.12	0.11	0.11	62,78,72
		300.0	0.22	0.11	0.09	62,78,72					
33	ok	0.0	0.17	0.09	0.07	69,53,63	150.0	0.14	0.09	0.10	58,53,63
		300.0	0.22	0.09	0.07	61,53,63					
49	ok	0.0	0.10	0.09	0.11	58,73,73	150.0	0.08	0.09	0.15	61,73,73
		300.0	0.19	0.09	0.11	73,73,73					
50	ok	0.0	0.13	0.10	0.12	57,78,72	150.0	0.10	0.10	0.12	54,78,72
		300.0	0.19	0.10	0.12	74,78,72					
51	ok	0.0	0.98	0.30	0.22	53,53,52	207.5	0.29	0.30	0.22	53,53,52
		415.0	0.31	0.30	0.22	62,53,52					
52	ok	0.0	0.92	0.31	0.22	62,53,52	207.5	0.34	0.31	0.22	62,53,52
		415.0	0.38	0.31	0.22	61,53,52					
53	ok	0.0	0.17	0.14	0.10	52,52,50	207.5	0.08	0.14	0.13	49,52,50
		415.0	0.30	0.14	0.10	62,52,50					
56	ok	0.0	0.84	0.19	0.16	73,73,53	207.5	0.16	0.19	0.27	52,73,53
		415.0	0.60	0.19	0.16	73,73,53					

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
57	ok	0.0	0.86	0.23	0.22	52,52,52	207.5	0.08	0.23	0.36	53,52,52
		415.0	0.69	0.23	0.22	52,52,52					
59	ok	0.0	0.82	0.21	0.22	50,50,53	207.5	0.08	0.21	0.36	47,50,53
		415.0	0.66	0.21	0.22	50,50,53					
60	ok	0.0	0.72	0.17	0.16	47,72,52	207.5	0.16	0.17	0.27	53,72,52
		415.0	0.54	0.17	0.16	63,72,52					
61	ok	0.0	0.84	0.27	0.20	72,72,72	207.5	0.23	0.27	0.27	73,72,72
		415.0	0.30	0.27	0.20	72,72,72					
62	ok	0.0	0.92	0.37	0.17	52,52,52	207.5	0.36	0.37	0.17	52,52,52
		415.0	0.37	0.37	0.17	52,52,52					
63	ok	0.0	1.00	0.34	0.17	53,53,53	207.5	0.40	0.34	0.17	53,53,53
		415.0	0.33	0.34	0.17	50,53,53					
64	ok	0.0	0.78	0.23	0.18	63,66,66	207.5	0.22	0.23	0.24	69,66,66
		415.0	0.27	0.23	0.18	66,66,66					
65	ok	0.0	0.63	0.18	0.16	66,63,66	207.5	0.20	0.18	0.21	66,63,66
		415.0	0.17	0.18	0.16	66,63,66					
66	ok	0.0	0.41	0.14	0.10	77,73,72	207.5	0.12	0.14	0.19	47,73,72
		415.0	0.20	0.14	0.10	65,73,72					
67	ok	0.0	0.46	0.16	0.10	72,72,72	207.5	0.13	0.16	0.21	53,72,72
		415.0	0.25	0.16	0.10	72,72,72					
68	ok	0.0	0.60	0.20	0.14	73,73,72	207.5	0.15	0.20	0.27	72,73,72
		415.0	0.28	0.20	0.14	78,73,72					
69	ok	0.0	0.71	0.21	0.13	55,75,75	207.5	0.24	0.21	0.21	72,75,75
		415.0	0.45	0.21	0.13	55,75,75					
71	ok	0.0	0.68	0.25	0.20	49,53,73	207.5	0.26	0.25	0.20	57,53,73
		415.0	0.30	0.25	0.20	65,53,73					
72	ok	0.0	0.43	0.13	0.09	69,73,73	207.5	0.11	0.13	0.19	56,73,73
		415.0	0.21	0.13	0.09	69,73,73					
73	ok	0.0	0.42	0.13	0.13	69,63,63	207.5	0.12	0.13	0.21	50,63,63
		415.0	0.24	0.13	0.13	63,63,63					
74	ok	0.0	0.76	0.25	0.15	75,73,72	207.5	0.23	0.25	0.17	75,73,72
		415.0	0.41	0.25	0.15	56,73,72					
76	ok	0.0	0.76	0.24	0.18	62,62,62	207.5	0.29	0.24	0.24	62,62,62
		415.0	0.26	0.24	0.18	70,62,62					
77	ok	0.0	0.86	0.26	0.17	78,78,72	207.5	0.13	0.27	0.34	75,78,72
		415.0	0.53	0.27	0.17	72,78,72					
78	ok	0.0	0.69	0.23	0.14	78,78,72	207.5	0.13	0.23	0.28	65,78,72
		415.0	0.41	0.23	0.14	78,78,72					
79	ok	0.0	0.79	0.22	0.17	59,59,73	207.5	0.32	0.22	0.17	62,59,73
		415.0	0.25	0.22	0.17	75,59,73					
80	ok	0.0	0.93	0.28	0.16	59,59,59	207.5	0.22	0.28	0.25	56,59,59
		415.0	0.44	0.28	0.16	59,59,59					
81	ok	0.0	0.96	0.26	0.21	62,62,62	207.5	0.25	0.26	0.27	62,62,62
		415.0	0.43	0.27	0.21	62,62,62					
82	ok	0.0	0.67	0.22	0.13	78,78,72	207.5	0.13	0.22	0.25	75,78,72
		415.0	0.42	0.23	0.13	62,78,72					
83	ok	0.0	0.55	0.15	0.14	69,75,73	207.5	0.11	0.16	0.23	56,75,73
		415.0	0.36	0.16	0.14	69,75,73					
84	ok	0.0	0.86	0.24	0.18	68,68,63	207.5	0.24	0.24	0.30	66,68,63
		415.0	0.38	0.24	0.18	68,68,63					
85	ok	0.0	0.46	0.66	0.50	75,75,75	69.2	0.32	0.66	0.50	75,75,75
		138.3	0.24	0.66	0.50	62,75,75					
87	ok	0.0	0.46	0.32	0.26	75,75,75	206.7	0.05	0.32	0.44	69,75,75
		413.3	0.40	0.32	0.26	75,75,75					
101	ok	0.0	0.29	0.21	0.20	59,47,73	205.0	0.05	0.21	0.33	75,47,73
		410.0	0.36	0.21	0.20	75,47,73					
105	ok	0.0	0.39	0.15	0.16	53,52,53	207.5	0.20	0.15	0.26	72,52,53
		415.0	0.54	0.15	0.16	50,52,53					
106	ok	0.0	0.31	0.22	0.15	52,50,53	207.5	0.13	0.22	0.20	52,50,53
		415.0	0.58	0.22	0.15	52,50,53					
108	ok	0.0	0.75	0.31	0.24	72,78,72	205.0	0.01	0.31	0.41	78,78,72
		410.0	0.75	0.31	0.24	72,78,72					
109	ok	0.0	0.31	0.23	0.15	50,52,52	207.5	0.13	0.23	0.20	50,52,52
		415.0	0.57	0.23	0.15	50,52,52					
110	ok	0.0	0.36	0.15	0.15	47,52,52	207.5	0.19	0.15	0.26	66,52,52
		415.0	0.53	0.15	0.15	52,52,52					
111	ok	0.0	0.16	0.11	0.08	66,63,63	207.5	0.11	0.11	0.13	63,63,63
		415.0	0.38	0.11	0.08	63,63,63					
112	ok	0.0	0.63	0.17	0.14	63,63,63	207.5	0.14	0.17	0.24	62,63,63
		415.0	0.44	0.17	0.14	63,63,63					
113	ok	0.0	0.20	0.11	0.08	66,73,73	207.5	0.05	0.11	0.13	53,73,73
		415.0	0.28	0.11	0.08	66,73,73					
114	ok	0.0	0.25	0.13	0.09	72,72,72	207.5	0.06	0.13	0.15	73,72,72
		415.0	0.32	0.13	0.09	63,72,72					

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
115	ok	0.0	0.33	0.17	0.11	74,73,73	207.5	0.11	0.17	0.18	53,73,73
		415.0	0.51	0.17	0.11	73,73,73					
117	ok	0.0	0.20	0.14	0.10	77,53,53	207.5	0.08	0.14	0.13	58,53,53
		415.0	0.31	0.14	0.10	61,53,53					
118	ok	0.0	0.20	0.20	0.15	59,51,51	205.8	0.06	0.20	0.26	75,51,51
		411.7	0.31	0.20	0.15	75,51,51					
119	ok	0.0	0.24	0.15	0.10	59,75,75	207.5	0.07	0.15	0.17	75,75,75
		415.0	0.35	0.15	0.10	75,75,75					
120	ok	0.0	0.55	0.30	0.24	62,52,52	205.0	0.03	0.30	0.24	58,52,52
		410.0	0.50	0.30	0.24	62,52,52					
121	ok	0.0	0.62	0.31	0.22	61,53,53	205.0	0.04	0.31	0.22	58,53,53
		410.0	0.55	0.31	0.22	61,53,53					
122	ok	0.0	0.34	0.24	0.18	62,52,52	205.0	0.04	0.24	0.24	53,52,52
		410.0	0.43	0.24	0.18	62,52,52					
124	ok	0.0	0.38	0.24	0.17	61,53,53	205.0	0.05	0.24	0.23	62,53,53
		410.0	0.46	0.24	0.17	61,53,53					
147	ok	0.0	0.42	0.20	0.21	75,75,73	205.0	0.02	0.20	0.28	68,75,73
		410.0	0.42	0.20	0.21	75,75,73					
153	ok	0.0	0.20	0.14	0.11	64,52,52	288.3	0.08	0.14	0.19	78,52,52
		576.7	0.17	0.14	0.11	60,52,52					
154	ok	0.0	0.70	0.30	0.20	59,59,73	205.0	0.01	0.30	0.26	59,59,73
		410.0	0.68	0.30	0.20	59,59,73					
155	ok	0.0	0.44	0.39	0.30	78,78,72	207.5	0.16	0.39	0.50	49,78,72
		415.0	0.29	0.39	0.30	67,78,72					
157	ok	0.0	0.68	0.29	0.22	62,62,62	205.0	0.02	0.29	0.29	62,62,62
		410.0	0.67	0.29	0.22	62,62,62					
160	ok	0.0	0.42	0.31	0.29	69,73,73	205.0	0.04	0.31	0.49	78,73,73
		410.0	0.44	0.31	0.29	69,73,73					
164	ok	0.0	0.35	0.22	0.23	69,69,63	205.0	0.04	0.22	0.38	48,69,63
		410.0	0.44	0.22	0.23	65,69,63					
170	ok	0.0	0.21	0.19	0.19	63,69,63	207.5	0.06	0.19	0.31	62,69,63
		415.0	0.33	0.19	0.19	69,69,63					
178	ok	0.0	0.32	0.15	0.15	69,49,63	207.5	0.10	0.15	0.20	57,49,63
		415.0	0.43	0.15	0.15	69,49,63					
179	ok	0.0	0.23	0.11	0.09	69,73,73	207.5	0.05	0.11	0.14	66,73,73
		415.0	0.29	0.11	0.09	69,73,73					
180	ok	0.0	0.31	0.13	0.11	63,63,63	207.5	0.06	0.13	0.18	56,63,63
		415.0	0.40	0.13	0.11	63,63,63					
181	ok	0.0	0.20	0.13	0.08	60,52,72	207.5	0.06	0.13	0.14	72,52,72
		415.0	0.26	0.13	0.08	72,52,72					
183	ok	0.0	0.26	0.13	0.13	70,78,72	207.5	0.09	0.13	0.17	57,78,72
		415.0	0.35	0.13	0.13	78,78,72					
184	ok	0.0	0.46	0.20	0.15	72,72,72	207.5	0.08	0.20	0.25	78,72,72
		415.0	0.63	0.21	0.15	72,72,72					
185	ok	0.0	0.47	0.20	0.13	78,78,72	207.5	0.09	0.20	0.22	78,78,72
		415.0	0.66	0.20	0.13	78,78,72					
186	ok	0.0	0.32	0.14	0.18	75,75,73	207.5	0.14	0.14	0.23	59,75,73
		415.0	0.49	0.15	0.18	75,75,73					
187	ok	0.0	0.43	0.18	0.15	75,59,73	207.5	0.11	0.18	0.25	59,59,73
		415.0	0.66	0.18	0.15	75,59,73					
188	ok	0.0	0.38	0.17	0.12	57,57,73	207.5	0.09	0.17	0.20	59,57,73
		415.0	0.57	0.17	0.12	57,57,73					
189	ok	0.0	0.52	0.18	0.12	62,78,50	207.5	0.06	0.18	0.20	66,78,50
		415.0	0.62	0.18	0.12	62,78,50					
190	ok	0.0	0.35	0.14	0.12	69,73,73	207.5	0.04	0.14	0.19	57,73,73
		415.0	0.44	0.14	0.12	69,73,73					
191	ok	0.0	0.38	0.18	0.12	63,63,52	207.5	0.11	0.18	0.20	63,63,52
		415.0	0.61	0.18	0.12	63,63,52					
192	ok	0.0	0.06	0.16	0.15	68,69,69	150.0	0.07	0.16	0.25	76,69,69
		300.0	0.16	0.16	0.15	69,69,69					
196	ok	0.0	0.42	0.16	0.13	63,63,63	207.5	0.08	0.16	0.22	59,63,63
		415.0	0.53	0.16	0.13	63,63,63					
287	ok	0.0	0.19	0.14	0.13	57,62,62	150.0	0.10	0.14	0.17	62,62,62
		300.0	0.39	0.14	0.13	62,62,62					
290	ok	0.0	0.51	0.46	0.46	59,56,59	138.3	0.17	0.46	0.46	62,56,59
		276.7	0.25	0.46	0.46	75,56,59					
294	ok	0.0	0.51	0.23	0.23	47,72,52	205.0	0.09	0.23	0.31	63,72,52
		410.0	0.45	0.23	0.23	50,72,52					
295	ok	0.0	0.76	0.39	0.30	50,53,52	205.0	0.05	0.39	0.30	53,53,52
		410.0	0.71	0.39	0.30	53,53,52					
296	ok	0.0	0.80	0.42	0.25	52,52,53	205.0	0.05	0.42	0.25	47,52,53
		410.0	0.76	0.42	0.25	52,52,53					
297	ok	0.0	0.55	0.26	0.23	73,72,53	205.0	0.09	0.26	0.31	73,72,53
		410.0	0.47	0.26	0.23	52,72,53					

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
298	ok	0.0	0.46	0.25	0.20	73,73,72	205.0	0.01	0.25	0.33	50,73,72
		410.0	0.45	0.25	0.20	73,73,72					
299	ok	0.0	0.37	0.20	0.16	72,72,72	205.0	8.10e-03	0.20	0.26	47,72,72
		410.0	0.37	0.20	0.16	72,72,72					
300	ok	0.0	0.31	0.17	0.14	66,73,72	205.0	7.37e-03	0.17	0.23	50,73,72
		410.0	0.31	0.17	0.14	66,73,72					
301	ok	0.0	0.34	0.18	0.15	63,63,63	205.0	0.01	0.18	0.19	47,63,63
		410.0	0.34	0.18	0.15	63,63,63					
302	ok	0.0	0.42	0.18	0.17	63,63,63	205.0	8.49e-03	0.18	0.28	63,63,63
		410.0	0.41	0.18	0.17	63,63,63					
303	ok	0.0	0.31	0.16	0.14	69,73,73	205.0	0.01	0.16	0.23	66,73,73
		410.0	0.32	0.16	0.14	69,73,73					
304	ok	0.0	0.44	0.22	0.21	63,53,73	205.0	0.02	0.22	0.21	50,53,73
		410.0	0.45	0.22	0.21	65,53,73					
306	ok	0.0	0.56	0.24	0.16	59,47,75	205.0	0.02	0.24	0.21	47,47,75
		410.0	0.53	0.24	0.16	59,47,75					
307	ok	0.0	0.52	0.24	0.16	56,52,72	205.0	0.02	0.24	0.21	55,52,72
		410.0	0.50	0.24	0.16	56,52,72					
309	ok	0.0	0.43	0.19	0.19	78,54,66	205.0	0.04	0.20	0.25	78,54,66
		410.0	0.40	0.20	0.19	70,54,66					
310	ok	0.0	0.53	0.20	0.18	69,73,73	205.0	0.01	0.20	0.30	63,73,73
		410.0	0.52	0.20	0.18	69,73,73					
311	ok	0.0	0.67	0.24	0.20	63,63,63	205.0	0.01	0.24	0.34	63,63,63
		410.0	0.65	0.24	0.20	63,63,63					
312	ok	0.0	0.61	0.26	0.19	68,63,63	205.0	0.02	0.27	0.32	66,63,63
		410.0	0.60	0.27	0.19	68,63,63					
313	ok	0.0	0.68	0.28	0.19	62,78,62	205.0	0.03	0.28	0.31	70,78,62
		410.0	0.67	0.28	0.19	62,78,62					
314	ok	0.0	0.63	0.28	0.20	78,78,72	205.0	7.77e-03	0.28	0.33	56,78,72
		410.0	0.63	0.28	0.20	78,78,72					
319	ok	0.0	0.38	0.23	0.23	68,75,78	205.8	0.07	0.23	0.38	72,78,78
		411.7	0.31	0.23	0.23	78,78,78					
338	ok	0.0	0.35	0.24	0.20	68,72,72	205.0	0.04	0.24	0.33	70,72,72
		410.0	0.37	0.24	0.20	72,72,72					
342	ok	0.0	0.24	0.22	0.18	68,52,72	206.7	0.06	0.22	0.30	70,52,72
		413.3	0.35	0.22	0.18	64,52,72					
345	ok	0.0	0.14	0.18	0.15	75,52,52	219.2	0.11	0.18	0.25	77,52,52
		438.3	0.16	0.18	0.15	76,52,52					
347	ok	0.0	0.48	0.35	0.32	78,66,63	207.5	0.15	0.35	0.54	62,66,63
		415.0	0.31	0.35	0.32	70,66,63					
351	ok	0.0	0.45	0.29	0.25	69,78,72	205.0	0.02	0.29	0.41	56,78,72
		410.0	0.45	0.29	0.25	70,78,72					
352	ok	0.0	0.35	0.27	0.26	67,72,78	205.0	0.04	0.27	0.43	67,72,78
		410.0	0.42	0.27	0.26	70,72,78					
353	ok	0.0	0.21	0.21	0.19	63,75,72	207.5	0.05	0.21	0.31	62,75,72
		415.0	0.28	0.21	0.19	70,75,72					
356	ok	0.0	0.12	0.20	0.15	66,72,78	150.0	0.07	0.20	0.25	59,72,78
		300.0	0.20	0.20	0.15	66,72,78					
404	ok	0.0	0.62	0.27	0.21	72,72,72	205.0	0.04	0.27	0.34	64,72,72
		410.0	0.69	0.27	0.21	72,72,72					
405	ok	0.0	0.36	0.17	0.19	75,75,73	205.0	0.08	0.18	0.25	59,75,73
		410.0	0.46	0.18	0.19	75,75,73					
406	ok	0.0	0.54	0.24	0.18	59,59,73	205.0	0.05	0.24	0.29	59,59,73
		410.0	0.66	0.24	0.18	59,59,73					
407	ok	0.0	0.53	0.24	0.17	57,62,62	205.0	0.06	0.24	0.29	62,62,62
		410.0	0.63	0.24	0.17	57,62,62					
414	ok	0.0	0.41	0.18	0.20	52,72,52	205.0	0.09	0.18	0.33	63,72,52
		410.0	0.48	0.18	0.20	47,72,52					
415	ok	0.0	0.51	0.32	0.23	50,53,52	205.0	0.08	0.32	0.31	53,53,52
		410.0	0.66	0.32	0.23	50,53,52					
416	ok	0.0	0.51	0.33	0.23	52,52,53	205.0	0.08	0.33	0.31	47,52,53
		410.0	0.67	0.33	0.23	52,52,53					
417	ok	0.0	0.41	0.19	0.20	53,52,53	205.0	0.10	0.19	0.33	73,52,53
		410.0	0.50	0.19	0.20	53,52,53					
418	ok	0.0	0.42	0.22	0.17	78,73,72	205.0	0.04	0.22	0.28	72,73,72
		410.0	0.49	0.22	0.17	73,73,72					
419	ok	0.0	0.34	0.19	0.14	72,72,72	205.0	0.03	0.19	0.24	52,72,72
		410.0	0.39	0.19	0.14	72,72,72					
420	ok	0.0	0.28	0.15	0.12	66,73,72	205.0	0.03	0.15	0.20	50,73,72
		410.0	0.33	0.15	0.12	66,73,72					
421	ok	0.0	0.28	0.16	0.13	63,63,66	205.0	0.06	0.16	0.21	66,63,66
		410.0	0.40	0.16	0.13	66,63,66					
422	ok	0.0	0.39	0.17	0.15	63,63,63	205.0	0.03	0.17	0.25	61,63,63
		410.0	0.43	0.17	0.15	63,63,63					

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
423	ok	0.0	0.30	0.15	0.13	69,73,73	205.0	0.03	0.15	0.21	61,73,73
		410.0	0.34	0.16	0.13	69,73,73					
424	ok	0.0	0.41	0.18	0.19	67,49,71	205.0	0.06	0.18	0.25	61,49,71
		410.0	0.47	0.18	0.19	65,49,71					
426	ok	0.0	0.39	0.21	0.14	59,75,73	205.0	0.05	0.21	0.19	76,75,73
		410.0	0.41	0.21	0.14	59,75,73					
427	ok	0.0	0.35	0.19	0.14	56,52,72	205.0	0.04	0.19	0.18	72,52,72
		410.0	0.37	0.19	0.14	60,52,72					
429	ok	0.0	0.39	0.18	0.18	78,78,72	205.0	0.07	0.18	0.23	62,78,72
		410.0	0.46	0.18	0.18	78,78,72					
430	ok	0.0	0.46	0.18	0.16	69,73,73	205.0	0.03	0.18	0.26	62,73,73
		410.0	0.50	0.18	0.16	69,73,73					
431	ok	0.0	0.57	0.21	0.18	63,63,63	205.0	0.03	0.21	0.30	57,63,63
		410.0	0.61	0.21	0.18	63,63,63					
432	ok	0.0	0.50	0.24	0.16	63,63,63	205.0	0.05	0.24	0.27	69,63,63
		410.0	0.62	0.24	0.16	63,63,63					
433	ok	0.0	0.62	0.25	0.16	62,78,50	205.0	0.03	0.25	0.26	70,78,50
		410.0	0.66	0.25	0.16	62,78,50					
434	ok	0.0	0.58	0.25	0.17	78,78,72	205.0	0.03	0.26	0.29	78,78,72
		410.0	0.65	0.26	0.17	78,78,72					
445	ok	0.0	0.64	0.21	0.15	69,69,63	207.5	0.28	0.21	0.19	74,69,63
		415.0	0.26	0.21	0.15	57,69,63					
448	ok	0.0	0.17	0.13	0.08	69,69,73	207.5	0.07	0.13	0.13	69,69,73
		415.0	0.30	0.13	0.08	69,69,73					
460	ok	0.0	0.29	0.16	0.11	69,77,52	205.0	0.05	0.16	0.15	66,77,52
		410.0	0.36	0.16	0.11	69,77,52					
477	ok	0.0	0.38	0.19	0.13	69,77,52	205.0	0.01	0.19	0.17	58,77,52
		410.0	0.38	0.19	0.13	69,77,52					
482	ok	0.0	1.00	0.30	0.15	68,64,64	207.5	0.57	0.30	0.20	66,64,64
		415.0	0.28	0.30	0.15	68,64,64					
483	ok	0.0	0.37	0.21	0.14	56,68,59	205.0	0.03	0.21	0.18	67,68,59
		410.0	0.39	0.21	0.14	56,68,59					
484	ok	0.0	0.31	0.15	0.12	59,56,59	205.0	0.19	0.15	0.16	68,56,59
		410.0	0.38	0.15	0.12	56,56,59					
485	ok	0.0	0.24	0.12	0.10	76,59,56	207.5	0.16	0.12	0.17	71,59,56
		415.0	0.33	0.12	0.10	56,59,56					
Pilas.			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			1.00	0.66	0.54						

TABELLA VERIFICHE ELEMENTI D2 TRAVI C.A.

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		cm					cm				
6	ok	0.0	0.85	0.37	0.20	62,62,62	80.0	0.68	0.36	0.20	62,62,62
		160.0	0.51	0.35	0.18	59,62,62					
7	ok	0.0	0.45	0.22	0.25	53,50,53	360.5	0.23	0.16	0.21	52,50,53
		721.0	0.80	0.19	0.26	52,60,52					
8	ok	0.0	0.81	0.50	0.35	53,53,53	150.0	0.03	0.47	0.65	64,53,53
		300.0	0.80	0.50	0.34	52,52,52					
9	ok	0.0	0.96	0.62	0.38	78,50,78	125.0	0.45	0.58	0.42	78,50,78
		250.0	0.52	0.51	0.22	73,50,78					
10	ok	0.0	0.81	0.19	0.26	53,53,53	360.0	0.22	0.16	0.21	53,52,52
		720.0	0.45	0.23	0.25	52,52,52					
11	ok	0.0	0.92	0.26	0.35	72,64,72	360.0	0.35	0.10	0.17	75,64,72
		720.0	0.95	0.27	0.36	73,75,73					
17	ok	0.0	0.06	0.05	0.07	62,56,56	129.5	0.40	0.09	0.16	57,57,57
		259.0	0.56	0.13	0.19	57,57,57					
18	ok	0.0	0.05	0.04	0.06	59,63,63	129.5	0.30	0.09	0.16	66,66,66
		259.0	0.72	0.12	0.19	66,66,66					
19	ok	0.0	0.45	0.08	0.04	53,50,53	360.5	0.13	0.04	0.03	49,47,52
		721.0	0.50	0.08	0.04	52,47,52					
20	ok	0.0	0.81	0.31	0.38	70,72,64	360.0	0.52	0.10	0.10	65,72,64
		720.0	0.90	0.29	0.38	65,63,65					
21	ok	0.0	0.60	0.22	0.13	63,78,66	245.0	0.47	0.21	0.22	66,57,63

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		490.0	0.84	0.29	0.28	63,57,63					
23	ok	0.0	0.03	0.03	0.04	52,47,47	129.5	0.21	0.07	0.12	50,50,50
		259.0	0.56	0.10	0.16	50,50,50					
24	ok	0.0	0.82	0.28	0.38	66,78,66	360.0	0.51	0.07	0.10	63,75,63
		720.0	0.90	0.28	0.38	63,75,63					
25	ok	0.0	0.14	0.11	0.09	67,69,69	126.2	0.13	0.11	0.09	67,69,69
		252.4	0.19	0.10	0.08	57,69,69					
26	ok	0.0	0.75	0.33	0.42	64,78,70	360.0	0.48	0.10	0.11	53,78,70
		720.0	0.84	0.33	0.43	63,75,67					
27	ok	0.0	0.03	0.03	0.05	57,68,68	129.5	0.26	0.07	0.13	69,69,69
		259.0	0.61	0.11	0.16	69,69,69					
28	ok	0.0	0.76	0.38	0.46	70,62,78	150.0	0.11	0.29	0.45	70,62,78
		300.0	0.80	0.33	0.36	70,59,75					
31	ok	0.0	0.61	0.35	0.18	70,72,70	117.5	0.05	0.35	0.17	75,73,67
		235.0	0.60	0.40	0.20	67,73,67					
32	ok	0.0	0.70	0.33	0.19	68,66,68	117.5	0.08	0.30	0.15	70,63,69
		235.0	0.59	0.35	0.19	69,63,69					
34	ok	0.0	0.29	0.23	0.09	62,65,57	129.5	0.25	0.23	0.09	62,65,57
		259.0	0.34	0.21	0.08	77,65,57					
35	ok	0.0	0.81	0.22	0.12	62,62,62	150.0	0.13	0.20	0.11	62,62,62
		300.0	0.53	0.19	0.10	62,62,62					
36	ok	0.0	0.45	0.11	0.07	72,72,72	360.0	0.22	0.04	0.01	62,72,72
		720.0	0.40	0.11	0.07	73,73,73					
37	ok	0.0	0.29	0.18	0.08	58,62,58	129.5	0.25	0.18	0.08	58,62,58
		259.0	0.26	0.19	0.07	62,59,58					
38	ok	0.0	0.83	0.22	0.12	61,62,61	150.0	0.13	0.21	0.11	61,62,61
		300.0	0.53	0.19	0.10	61,62,61					
39	ok	0.0	0.35	0.10	0.07	66,68,66	360.0	0.24	0.04	0.01	71,69,63
		720.0	0.39	0.11	0.07	63,69,63					
40	ok	0.0	0.34	0.21	0.09	74,53,70	117.5	0.07	0.18	0.07	74,53,70
		235.0	0.40	0.18	0.05	74,75,70					
41	ok	0.0	0.41	0.15	0.05	69,69,69	117.5	0.09	0.19	0.07	71,69,69
		235.0	0.34	0.22	0.09	69,69,69					
42	ok	0.0	0.46	0.29	0.08	68,56,68	117.5	0.23	0.30	0.06	77,57,68
		235.0	0.26	0.35	0.08	64,57,69					
43	ok	0.0	0.45	0.44	0.19	57,61,57	91.0	0.16	0.42	0.18	61,61,57
		182.0	0.90	0.44	0.17	56,56,56					
44	ok	0.0	0.71	0.10	0.13	62,57,62	360.0	0.15	0.07	0.10	59,57,62
		720.0	0.59	0.09	0.12	59,56,59					
45	ok	0.0	0.69	0.18	0.22	62,62,62	150.0	0.09	0.17	0.31	70,62,59
		300.0	0.78	0.18	0.25	59,59,59					
46	ok	0.0	0.54	0.24	0.09	59,62,62	269.0	0.10	0.21	0.07	51,62,62
		538.0	0.70	0.18	0.08	59,62,59					
47	ok	0.0	0.68	0.12	0.07	53,53,53	360.0	0.28	0.04	0.03	65,52,53
		720.0	0.62	0.12	0.07	52,52,52					
48	ok	0.0	0.57	0.11	0.07	53,53,53	150.0	0.01	0.10	0.15	65,52,53
		300.0	0.53	0.11	0.07	52,52,52					
54	ok	0.0	0.97	0.68	0.43	64,52,64	125.0	0.34	0.62	0.45	64,52,64
		250.0	0.54	0.54	0.23	67,52,64					
70	ok	0.0	0.91	0.28	0.37	66,72,66	360.0	0.51	0.08	0.09	64,73,63
		720.0	0.87	0.28	0.37	63,73,63					
75	ok	0.0	0.88	0.26	0.34	66,72,66	360.0	0.45	0.07	0.09	66,72,66
		720.0	0.77	0.25	0.33	63,73,63					
86	ok	0.0	0.72	0.27	0.37	66,68,66	360.0	0.34	0.13	0.20	47,63,63
		720.0	0.97	0.30	0.39	63,63,63					
88	ok	0.0	0.58	0.19	0.08	62,58,62	150.0	0.09	0.18	0.22	48,58,62
		300.0	0.52	0.17	0.06	62,58,62					
89	ok	0.0	0.39	0.06	0.04	62,53,62	360.5	0.15	0.03	0.03	48,52,59
		721.0	0.47	0.06	0.04	59,52,59					
90	ok	0.0	0.96	0.38	0.29	62,78,62	80.0	0.61	0.37	0.27	62,78,62
		160.0	0.45	0.35	0.24	59,78,62					
91	ok	0.0	0.50	0.49	0.17	55,52,59	91.0	0.18	0.50	0.18	62,52,59
		182.0	0.96	0.52	0.19	59,52,59					
92	ok	0.0	0.50	0.26	0.09	54,53,58	269.0	0.09	0.24	0.08	55,53,58
		538.0	0.66	0.22	0.08	55,59,55					
93	ok	0.0	0.63	0.19	0.08	49,62,61	150.0	0.07	0.17	0.23	55,62,61
		300.0	0.58	0.16	0.07	49,62,61					
94	ok	0.0	0.40	0.07	0.04	61,53,58	360.5	0.14	0.03	0.03	55,53,55
		721.0	0.47	0.07	0.04	55,52,55					
95	ok	0.0	0.04	0.04	0.06	57,68,68	129.5	0.31	0.08	0.15	69,69,69
		259.0	0.47	0.12	0.18	69,69,69					
96	ok	0.0	0.51	0.12	0.14	67,72,64	80.0	0.48	0.09	0.09	67,72,64
		160.0	0.58	0.08	0.09	76,73,65					
97	ok	0.0	0.49	0.14	0.15	77,72,74	80.0	0.40	0.12	0.13	61,72,74

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
98	ok	160.0	0.52	0.12	0.13	78,73,71					
		0.0	0.59	0.45	0.17	76,59,69	155.0	0.41	0.55	0.42	76,59,69
		310.0	0.86	0.63	0.43	65,59,69					
99	ok	0.0	0.52	0.42	0.20	78,73,73	155.0	0.44	0.50	0.43	78,73,73
		310.0	0.81	0.55	0.39	73,73,73					
100	ok	0.0	0.69	0.16	0.06	53,61,53	260.0	0.31	0.08	0.07	52,61,53
		520.0	0.35	0.08	0.02	50,60,52					
102	ok	0.0	0.31	0.07	0.03	53,61,53	260.0	0.15	0.04	0.04	51,61,53
		520.0	0.18	0.04	7.78e-03	53,60,52					
103	ok	0.0	0.03	0.05	0.01	73,60,72	80.0	0.07	0.02	2.44e-03	51,60,72
		160.0	0.03	0.04	0.01	52,60,73					
104	ok	0.0	0.19	0.11	0.02	58,59,52	100.0	0.09	0.12	0.08	47,59,52
		200.0	0.33	0.13	0.03	52,59,52					
107	ok	0.0	0.87	0.22	0.27	66,72,66	360.0	0.27	0.10	0.12	64,72,66
		720.0	0.64	0.20	0.25	63,73,63					
116	ok	0.0	0.61	0.33	0.34	66,70,66	150.0	0.09	0.26	0.32	63,70,66
		300.0	0.78	0.29	0.32	63,69,63					
123	ok	0.0	0.97	0.34	0.49	73,74,78	142.5	0.26	0.33	0.57	65,74,78
		284.9	0.98	0.34	0.46	78,71,75					
125	ok	0.0	0.59	0.15	0.17	78,72,72	360.0	0.21	0.08	0.09	62,73,72
		720.0	0.52	0.15	0.17	73,73,73					
126	ok	0.0	0.79	0.19	0.22	72,72,72	360.0	0.18	0.12	0.15	78,73,73
		720.0	0.78	0.19	0.22	73,73,73					
127	ok	0.0	0.93	0.21	0.25	72,72,72	360.0	0.21	0.14	0.19	73,72,72
		720.0	0.81	0.21	0.25	73,73,73					
128	ok	0.0	0.96	0.22	0.25	72,72,72	360.0	0.16	0.15	0.19	61,73,73
		720.0	0.80	0.22	0.25	73,73,73					
129	ok	0.0	0.74	0.11	0.12	53,73,53	360.0	0.20	0.08	0.08	52,73,52
		720.0	0.63	0.10	0.12	52,63,52					
130	ok	0.0	0.71	0.17	0.23	53,53,53	150.0	0.09	0.15	0.25	64,53,53
		300.0	0.75	0.17	0.23	52,52,52					
131	ok	0.0	0.61	0.11	0.12	53,73,53	360.5	0.19	0.08	0.08	50,73,53
		721.0	0.75	0.10	0.12	52,63,52					
132	ok	0.0	0.24	0.22	0.31	63,66,66	180.0	0.46	0.17	0.31	66,63,63
		360.0	0.88	0.23	0.33	66,63,63					
133	ok	0.0	0.58	0.22	0.26	53,50,53	360.5	0.19	0.16	0.23	52,50,53
		721.0	0.85	0.19	0.26	52,47,52					
134	ok	0.0	0.82	0.70	0.49	53,53,53	150.0	0.02	0.68	0.63	64,53,53
		300.0	0.81	0.70	0.48	52,52,52					
135	ok	0.0	0.85	0.20	0.26	53,53,53	360.0	0.19	0.17	0.23	50,52,52
		720.0	0.58	0.23	0.26	52,52,52					
136	ok	0.0	0.71	0.27	0.36	72,64,72	360.0	0.39	0.13	0.18	73,75,72
		720.0	0.94	0.30	0.38	73,75,73					
137	ok	0.0	0.73	0.12	0.07	53,53,53	360.0	0.28	0.05	0.04	74,52,52
		720.0	0.69	0.13	0.07	52,52,52					
138	ok	0.0	0.73	0.16	0.09	53,53,53	150.0	0.01	0.14	0.20	65,53,53
		300.0	0.66	0.13	0.08	52,52,52					
139	ok	0.0	0.52	0.09	0.04	53,50,53	360.5	0.14	0.05	0.04	53,47,52
		721.0	0.55	0.09	0.04	52,47,52					
140	ok	0.0	0.99	0.33	0.30	66,66,66	115.0	0.51	0.30	0.35	66,66,66
		230.0	0.58	0.26	0.21	63,66,66					
141	ok	0.0	0.98	0.31	0.39	66,78,70	360.0	0.55	0.11	0.12	65,78,67
		720.0	0.84	0.30	0.39	67,69,67					
142	ok	0.0	0.45	0.35	0.32	64,52,64	180.0	0.37	0.25	0.24	72,47,65
		360.0	0.84	0.38	0.40	65,47,65					
143	ok	0.0	0.46	0.35	0.32	66,50,66	180.0	0.38	0.26	0.24	66,53,63
		360.0	0.85	0.39	0.41	63,53,63					
144	ok	0.0	1.00	0.28	0.39	64,68,64	360.0	0.55	0.09	0.12	49,75,65
		720.0	0.83	0.30	0.39	63,75,65					
167	ok	0.0	0.86	0.36	0.44	68,78,70	360.0	0.52	0.13	0.15	58,78,70
		720.0	0.88	0.36	0.44	73,75,67					
168	ok	0.0	0.86	0.41	0.48	70,62,78	150.0	0.13	0.37	0.51	64,59,75
		300.0	0.92	0.44	0.48	70,59,75					
169	ok	0.0	0.77	0.47	0.22	68,68,68	117.5	0.06	0.43	0.21	75,69,69
		235.0	0.72	0.48	0.24	69,69,69					
171	ok	0.0	0.94	0.55	0.26	70,72,70	117.5	0.06	0.49	0.23	48,72,70
		235.0	0.71	0.44	0.21	67,72,67					
172	ok	0.0	0.83	0.69	0.44	64,52,64	125.0	0.42	0.63	0.47	65,52,64
		250.0	0.76	0.55	0.24	65,52,64					
173	ok	0.0	0.82	0.30	0.39	66,72,66	360.0	0.49	0.09	0.11	64,73,66
		720.0	0.98	0.30	0.38	63,73,63					
174	ok	0.0	0.96	0.27	0.35	66,72,66	360.0	0.44	0.09	0.11	48,72,66
		720.0	0.79	0.26	0.34	63,73,63					
175	ok	0.0	0.82	0.42	0.47	66,74,66	150.0	0.12	0.35	0.47	63,74,66

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		300.0	0.84	0.41	0.43	66,69,63					
176	ok	0.0	0.87	0.34	0.31	66,66,66	115.0	0.49	0.32	0.37	66,66,66
		230.0	0.59	0.29	0.23	65,66,66					
177	ok	0.0	0.91	0.27	0.37	66,72,66	360.0	0.37	0.11	0.17	47,72,66
		720.0	1.00	0.28	0.37	63,63,63					
182	ok	0.0	0.79	0.25	0.35	66,72,66	360.0	0.36	0.09	0.14	51,72,66
		720.0	0.85	0.25	0.35	63,63,63					
193	ok	0.0	0.52	0.21	0.25	66,50,66	360.0	0.28	0.09	0.11	51,47,63
		720.0	0.63	0.23	0.28	63,47,63					
195	ok	0.0	0.53	0.18	0.24	68,72,66	360.0	0.29	0.05	0.06	56,72,66
		720.0	0.46	0.17	0.23	63,47,63					
197	ok	0.0	0.98	0.38	0.39	62,56,59	155.3	0.29	0.39	0.49	62,56,59
		310.7	0.96	0.40	0.43	62,56,59					
198	ok	0.0	0.99	0.29	0.39	72,72,72	142.5	0.18	0.28	0.45	63,72,72
		284.9	0.84	0.29	0.36	73,73,73					
199	ok	0.0	0.85	0.39	0.37	57,56,56	155.3	0.21	0.40	0.46	61,56,56
		310.7	0.77	0.41	0.40	57,56,56					
200	ok	0.0	0.20	0.09	0.02	53,61,47	100.0	0.09	0.10	0.07	55,61,47
		200.0	0.31	0.11	0.03	55,61,47					
201	ok	0.0	0.36	0.24	0.18	62,68,59	98.0	0.40	0.25	0.20	59,68,59
		196.0	0.74	0.26	0.21	59,68,59					
202	ok	0.0	0.88	0.29	0.24	57,56,56	155.7	0.17	0.30	0.31	57,56,56
		311.4	0.77	0.31	0.28	57,56,56					
203	ok	0.0	0.49	0.18	0.16	53,50,53	360.5	0.19	0.13	0.13	52,50,53
		721.0	0.53	0.15	0.16	52,60,52					
204	ok	0.0	0.60	0.22	0.16	53,53,53	150.0	0.04	0.21	0.29	64,52,53
		300.0	0.61	0.23	0.16	52,52,52					
205	ok	0.0	0.53	0.15	0.16	53,58,53	360.0	0.19	0.14	0.13	50,52,52
		720.0	0.49	0.18	0.16	52,52,52					
206	ok	0.0	0.55	0.21	0.27	72,52,72	360.0	0.30	0.08	0.09	73,52,72
		720.0	0.53	0.21	0.28	73,53,73					
207	ok	0.0	0.36	0.07	0.03	53,53,53	360.0	0.13	0.03	0.02	65,53,53
		720.0	0.31	0.06	0.03	52,52,52					
208	ok	0.0	0.32	0.08	0.04	53,53,53	150.0	0.01	0.07	0.09	65,53,52
		300.0	0.35	0.07	0.05	52,52,52					
209	ok	0.0	0.34	0.06	0.03	53,69,53	360.5	0.13	0.03	0.02	65,47,52
		721.0	0.39	0.07	0.04	52,47,52					
210	ok	0.0	0.81	0.25	0.32	72,72,64	360.0	0.54	0.05	0.06	65,63,65
		720.0	0.64	0.25	0.34	65,63,65					
211	ok	0.0	0.34	0.15	0.08	63,78,66	245.0	0.30	0.13	0.13	66,57,63
		490.0	0.57	0.19	0.18	63,57,63					
212	ok	0.0	0.72	0.39	0.21	64,70,70	125.0	0.05	0.36	0.20	68,70,67
		250.0	0.69	0.38	0.21	64,67,67					
213	ok	0.0	0.79	0.23	0.31	66,66,66	360.0	0.50	0.06	0.07	63,75,63
		720.0	0.66	0.25	0.33	63,75,63					
214	ok	0.0	0.76	0.40	0.22	70,78,70	125.0	0.08	0.38	0.21	70,75,67
		250.0	0.74	0.40	0.22	70,75,67					
215	ok	0.0	0.79	0.25	0.34	64,78,66	360.0	0.55	0.06	0.07	73,78,66
		720.0	0.80	0.25	0.33	71,75,63					
216	ok	0.0	0.66	0.25	0.27	70,62,78	150.0	0.06	0.20	0.22	71,59,78
		300.0	0.49	0.26	0.22	71,59,75					
217	ok	0.0	0.25	0.24	0.32	73,72,72	180.0	0.48	0.18	0.32	72,73,73
		360.0	0.93	0.25	0.33	72,73,73					
221	ok	0.0	0.62	0.32	0.17	70,68,68	125.0	0.09	0.29	0.16	68,68,69
		250.0	0.58	0.32	0.18	68,69,69					
223	ok	0.0	0.39	0.28	0.12	66,72,66	117.5	0.03	0.24	0.09	59,73,66
		235.0	0.33	0.29	0.12	63,73,63					
224	ok	0.0	0.38	0.23	0.09	64,68,68	117.5	0.08	0.22	0.09	70,69,69
		235.0	0.33	0.25	0.10	69,69,69					
225	ok	0.0	0.64	0.41	0.34	76,52,64	125.0	0.16	0.35	0.34	76,52,64
		250.0	0.44	0.28	0.14	65,52,64					
226	ok	0.0	0.64	0.23	0.31	64,72,66	360.0	0.40	0.04	0.04	66,73,63
		720.0	0.64	0.23	0.31	63,73,63					
227	ok	0.0	0.77	0.27	0.37	66,72,66	360.0	0.54	0.05	0.06	68,72,66
		720.0	0.70	0.27	0.36	63,73,63					
228	ok	0.0	0.40	0.29	0.22	66,62,66	150.0	0.09	0.22	0.15	56,62,66
		300.0	0.36	0.23	0.17	63,57,63					
229	ok	0.0	0.55	0.18	0.19	68,66,66	115.0	0.25	0.16	0.22	68,66,66
		230.0	0.36	0.13	0.13	71,66,66					
230	ok	0.0	0.61	0.18	0.25	68,72,66	360.0	0.30	0.05	0.07	51,78,66
		720.0	0.51	0.19	0.26	63,75,63					
231	ok	0.0	0.33	0.14	0.17	59,50,62	182.5	0.40	0.06	0.07	48,50,62
		365.0	0.37	0.12	0.16	62,59,59					
232	ok	0.0	0.31	0.20	0.18	68,56,66	150.0	0.08	0.16	0.14	68,47,66

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		300.0	0.27	0.20	0.15	63,47,63					
233	ok	0.0	0.33	0.18	0.16	62,59,62	150.0	0.10	0.19	0.17	57,59,59
		300.0	0.25	0.21	0.19	62,59,59					
236	ok	0.0	0.57	0.13	0.16	62,62,62	360.0	0.11	0.09	0.13	57,62,62
		720.0	0.44	0.10	0.14	62,59,59					
237	ok	0.0	0.56	0.24	0.28	74,78,72	360.0	0.38	0.09	0.09	51,78,72
		720.0	0.58	0.22	0.29	73,65,73					
238	ok	0.0	0.35	0.20	0.22	72,72,72	150.0	0.09	0.17	0.16	78,72,72
		300.0	0.22	0.15	0.17	61,61,73					
239	ok	0.0	0.33	0.19	0.11	70,72,68	125.0	0.03	0.17	0.09	70,72,68
		250.0	0.30	0.18	0.10	68,69,69					
240	ok	0.0	0.52	0.33	0.26	78,54,78	125.0	0.18	0.29	0.27	78,54,78
		250.0	0.27	0.23	0.12	73,54,78					
241	ok	0.0	0.16	0.26	0.07	56,73,57	91.0	0.07	0.25	0.06	77,73,57
		182.0	0.35	0.25	0.06	56,59,56					
245	ok	0.0	0.43	0.09	0.09	62,62,62	360.0	0.14	0.06	0.06	59,62,62
		720.0	0.37	0.08	0.09	59,59,59					
246	ok	0.0	0.32	0.14	0.09	62,62,59	150.0	0.11	0.12	0.15	77,62,59
		300.0	0.45	0.12	0.13	59,56,59					
247	ok	0.0	0.39	0.18	0.06	59,62,62	269.0	0.11	0.15	0.05	48,62,62
		538.0	0.48	0.13	0.06	59,56,59					
248	ok	0.0	0.43	0.19	0.07	62,58,62	150.0	0.10	0.16	0.16	48,58,62
		300.0	0.35	0.13	0.04	62,58,59					
249	ok	0.0	0.83	0.42	0.50	66,68,66	150.0	0.23	0.37	0.56	66,68,66
		300.0	0.90	0.40	0.47	63,63,63					
250	ok	0.0	0.33	0.05	0.03	62,78,62	360.5	0.15	0.02	0.02	64,52,59
		721.0	0.34	0.05	0.03	59,52,59					
251	ok	0.0	0.60	0.23	0.23	62,78,62	80.0	0.32	0.22	0.21	62,78,62
		160.0	0.33	0.21	0.19	59,78,62					
252	ok	0.0	0.19	0.25	0.06	55,52,55	91.0	0.06	0.26	0.06	67,52,55
		182.0	0.36	0.27	0.07	55,52,55					
253	ok	0.0	0.36	0.20	0.07	55,53,58	269.0	0.10	0.17	0.05	55,53,58
		538.0	0.45	0.17	0.06	55,59,55					
258	ok	0.0	0.48	0.18	0.08	53,62,61	150.0	0.08	0.15	0.17	55,62,61
		300.0	0.40	0.13	0.04	53,52,61					
260	ok	0.0	0.48	0.17	0.21	59,62,62	182.5	0.46	0.09	0.12	58,62,62
		365.0	0.56	0.17	0.20	62,47,59					
261	ok	0.0	0.33	0.06	0.03	53,77,58	360.5	0.14	0.02	0.02	55,63,55
		721.0	0.37	0.06	0.03	55,63,55					
263	ok	0.0	0.20	0.33	0.06	67,62,78	117.5	0.15	0.28	0.06	74,62,75
		235.0	0.41	0.30	0.08	67,59,75					
264	ok	0.0	0.41	0.08	0.10	65,64,68	80.0	0.44	0.06	0.06	74,64,68
		160.0	0.51	0.06	0.05	74,71,69					
265	ok	0.0	0.24	0.07	0.09	73,54,78	80.0	0.26	0.06	0.07	58,73,78
		160.0	0.31	0.07	0.07	78,73,75					
266	ok	0.0	0.55	0.24	0.09	74,59,69	155.0	0.24	0.33	0.30	74,59,69
		310.0	0.72	0.40	0.34	65,59,69					
269	ok	0.0	0.32	0.21	0.10	78,77,71	155.0	0.25	0.28	0.26	78,77,71
		310.0	0.53	0.32	0.26	71,77,71					
271	ok	0.0	0.34	0.08	0.03	53,61,53	260.0	0.14	0.05	0.04	60,61,53
		520.0	0.20	0.04	8.53e-03	50,60,52					
272	ok	0.0	0.58	0.28	0.33	66,68,66	150.0	0.19	0.30	0.42	66,63,63
		300.0	0.68	0.33	0.37	63,63,63					
273	ok	0.0	0.72	0.31	0.42	62,62,62	150.0	0.05	0.30	0.40	69,59,59
		300.0	0.69	0.32	0.43	59,59,59					
275	ok	0.0	0.78	0.17	0.23	62,62,62	360.0	0.15	0.11	0.20	59,62,62
		720.0	0.74	0.16	0.22	59,59,59					
276	ok	0.0	0.73	0.30	0.36	72,78,72	360.0	0.38	0.12	0.15	53,78,73
		720.0	0.89	0.29	0.38	73,75,73					
278	ok	0.0	0.56	0.37	0.47	72,72,72	150.0	0.12	0.33	0.40	73,72,72
		300.0	0.56	0.28	0.36	72,73,73					
279	ok	0.0	0.01	7.92e-03	0.01	72,69,69	129.5	0.14	0.05	0.09	68,68,68
		259.0	0.41	0.09	0.13	68,68,68					
282	ok	0.0	0.54	0.19	0.29	70,70,70	117.5	0.19	0.11	0.20	70,70,70
		235.0	3.48e-03	6.98e-03	0.01	69,67,67					
283	ok	0.0	2.68e-03	8.63e-03	0.01	50,70,70	117.5	0.19	0.11	0.21	67,70,70
		235.0	0.55	0.19	0.29	67,70,70					
285	ok	0.0	0.05	0.05	0.07	69,57,57	117.5	0.39	0.14	0.26	56,56,56
		235.0	0.69	0.22	0.33	56,56,56					
286	ok	0.0	2.62e-03	0.02	0.03	54,52,52	129.5	0.18	0.06	0.11	53,53,53
		259.0	0.48	0.10	0.15	53,53,53					
288	ok	0.0	0.23	0.15	0.03	74,58,52	139.5	0.26	0.14	0.04	50,55,52
		279.0	0.27	0.15	0.05	47,55,52					
289	ok	0.0	0.27	0.19	0.04	73,77,75	139.5	0.26	0.20	0.06	62,77,75

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		279.0	0.32	0.20	0.06	59,77,75					
291	ok	0.0	0.70	0.15	0.06	53,61,53	260.0	0.33	0.07	0.08	48,61,53
		520.0	0.38	0.08	0.02	53,60,52					
292	ok	0.0	0.04	0.07	0.02	73,56,72	80.0	0.10	0.03	5.14e-03	67,56,72
		160.0	0.04	0.07	0.02	72,56,73					
293	ok	0.0	0.40	0.17	0.04	53,59,52	100.0	0.21	0.20	0.17	52,59,52
		200.0	0.76	0.23	0.07	52,59,52					
305	ok	0.0	0.03	0.04	0.06	63,69,69	117.5	0.39	0.14	0.25	68,68,68
		235.0	0.68	0.21	0.33	68,68,68					
308	ok	0.0	0.04	0.03	0.05	63,69,69	117.5	0.35	0.13	0.24	68,68,68
		235.0	0.64	0.21	0.32	68,68,68					
315	ok	0.0	0.84	0.48	0.64	59,62,62	150.0	0.04	0.46	0.61	59,62,62
		300.0	0.88	0.46	0.64	59,59,59					
316	ok	0.0	0.70	0.19	0.26	62,62,62	360.0	0.21	0.13	0.24	59,62,62
		720.0	0.79	0.19	0.26	59,59,59					
317	ok	0.0	0.85	0.34	0.40	72,78,72	360.0	0.40	0.17	0.19	70,78,72
		720.0	0.96	0.32	0.39	73,75,73					
318	ok	0.0	0.95	0.51	0.60	72,72,72	150.0	0.17	0.46	0.54	73,72,72
		300.0	0.77	0.48	0.61	73,73,73					
320	ok	0.0	0.94	0.67	0.43	78,50,72	125.0	0.52	0.63	0.48	73,50,72
		250.0	0.56	0.56	0.27	73,50,72					
321	ok	0.0	0.79	0.69	0.32	57,61,57	91.0	0.20	0.70	0.32	57,56,57
		182.0	0.96	0.73	0.31	56,56,56					
322	ok	0.0	0.82	0.11	0.14	62,57,62	360.0	0.16	0.08	0.12	59,57,62
		720.0	0.67	0.10	0.13	59,56,59					
323	ok	0.0	0.86	0.21	0.30	62,62,59	150.0	0.13	0.22	0.42	66,59,59
		300.0	0.77	0.24	0.33	59,59,59					
324	ok	0.0	0.60	0.26	0.09	62,62,62	269.0	0.14	0.23	0.08	61,62,62
		538.0	0.82	0.22	0.09	62,48,59					
325	ok	0.0	0.65	0.18	0.09	62,62,62	150.0	0.07	0.17	0.23	56,62,62
		300.0	0.60	0.16	0.07	59,62,59					
326	ok	0.0	0.47	0.07	0.04	62,78,62	360.5	0.14	0.03	0.03	71,52,62
		721.0	0.51	0.07	0.04	59,52,59					
327	ok	0.0	0.86	0.41	0.31	62,78,62	80.0	0.57	0.40	0.29	62,78,62
		160.0	0.44	0.38	0.26	56,78,62					
328	ok	0.0	0.65	0.77	0.29	58,52,62	91.0	0.21	0.79	0.30	62,52,59
		182.0	0.96	0.82	0.31	62,52,59					
329	ok	0.0	0.60	0.28	0.09	58,53,57	269.0	0.14	0.25	0.08	57,53,57
		538.0	0.80	0.25	0.09	57,59,56					
330	ok	0.0	0.67	0.18	0.09	57,62,61	150.0	0.05	0.17	0.24	55,52,61
		300.0	0.61	0.18	0.07	57,52,60					
331	ok	0.0	0.47	0.08	0.04	57,53,57	360.5	0.14	0.04	0.03	63,53,57
		721.0	0.51	0.07	0.04	60,52,56					
332	ok	0.0	0.57	0.22	0.33	67,67,67	117.5	0.49	0.14	0.26	67,67,67
		235.0	0.06	0.05	0.08	67,70,70					
333	ok	0.0	0.77	0.14	0.16	65,72,64	80.0	0.54	0.11	0.12	67,72,64
		160.0	0.47	0.10	0.09	60,73,65					
334	ok	0.0	0.58	0.22	0.20	73,52,72	80.0	0.42	0.20	0.17	73,52,72
		160.0	0.53	0.19	0.15	78,52,72					
335	ok	0.0	0.49	0.46	0.16	76,59,67	155.0	0.40	0.55	0.40	68,59,67
		310.0	0.77	0.63	0.42	65,59,67					
336	ok	0.0	0.58	0.44	0.22	78,75,73	155.0	0.63	0.52	0.45	72,75,73
		310.0	0.92	0.57	0.41	73,75,73					
337	ok	0.0	0.70	0.15	0.06	53,57,53	260.0	0.32	0.07	0.07	52,57,53
		520.0	0.36	0.07	0.03	53,56,52					
339	ok	0.0	0.66	0.14	0.06	53,57,53	260.0	0.32	0.06	0.07	52,57,53
		520.0	0.34	0.08	0.02	53,56,52					
340	ok	0.0	0.03	0.07	0.02	75,48,72	80.0	0.10	0.03	4.42e-03	47,48,72
		160.0	0.04	0.07	0.02	72,56,73					
341	ok	0.0	0.35	0.16	0.05	53,59,52	100.0	0.23	0.18	0.15	52,59,52
		200.0	0.67	0.19	0.06	52,59,52					
343	ok	0.0	0.36	0.14	0.04	53,78,52	100.0	0.21	0.15	0.14	52,78,52
		200.0	0.63	0.16	0.05	52,78,52					
344	ok	0.0	0.69	0.47	0.27	62,68,59	98.0	0.61	0.48	0.29	59,68,59
		196.0	0.98	0.49	0.30	59,68,59					
346	ok	0.0	0.62	0.26	0.15	65,78,66	245.0	0.58	0.23	0.23	66,57,63
		490.0	0.90	0.31	0.28	63,57,63					
348	ok	0.0	0.49	0.19	0.24	59,62,62	182.5	0.52	0.11	0.15	58,62,62
		365.0	0.71	0.17	0.21	62,47,59					
349	ok	0.0	0.87	0.28	0.39	66,66,66	360.0	0.36	0.15	0.23	63,63,63
		720.0	0.84	0.31	0.41	63,63,63					
350	ok	0.0	0.74	0.22	0.28	66,72,66	360.0	0.27	0.10	0.13	64,72,66
		720.0	0.73	0.21	0.27	63,73,63					
354	ok	0.0	0.41	0.14	0.04	53,62,47	100.0	0.18	0.17	0.16	52,62,47

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		200.0	0.70	0.20	0.07	52,62,47					
355	ok	0.0	0.66	0.48	0.28	62,68,59	98.0	0.52	0.49	0.30	59,68,59
		196.0	0.83	0.50	0.31	59,68,59					
357	ok	0.0	0.63	0.26	0.29	53,50,53	360.5	0.23	0.20	0.26	52,50,53
		721.0	0.84	0.21	0.29	53,60,52					
358	ok	0.0	0.83	0.73	0.50	53,53,53	150.0	0.02	0.70	0.64	64,53,53
		300.0	0.83	0.73	0.49	52,52,52					
359	ok	0.0	0.84	0.23	0.30	52,53,53	360.0	0.22	0.21	0.26	53,52,52
		720.0	0.63	0.27	0.29	52,52,52					
360	ok	0.0	0.88	0.28	0.39	72,64,72	360.0	0.42	0.14	0.22	73,75,72
		720.0	0.96	0.31	0.40	73,75,73					
361	ok	0.0	0.76	0.13	0.07	53,53,53	360.0	0.27	0.05	0.04	65,52,53
		720.0	0.69	0.13	0.07	52,52,52					
362	ok	0.0	0.73	0.16	0.09	53,53,53	150.0	0.01	0.14	0.20	65,53,53
		300.0	0.69	0.13	0.09	52,53,52					
363	ok	0.0	0.53	0.09	0.04	53,50,53	360.5	0.13	0.06	0.04	49,47,52
		721.0	0.58	0.10	0.04	52,47,52					
364	ok	0.0	0.89	0.32	0.40	78,74,70	360.0	0.57	0.11	0.14	65,74,67
		720.0	0.85	0.31	0.41	67,65,67					
365	ok	0.0	0.65	0.25	0.15	63,78,66	245.0	0.54	0.23	0.25	66,57,63
		490.0	0.95	0.31	0.30	63,57,63					
366	ok	0.0	0.28	0.19	0.07	66,68,68	125.0	0.06	0.15	0.05	57,68,68
		250.0	0.23	0.15	0.05	69,69,69					
367	ok	0.0	0.91	0.30	0.40	66,74,66	360.0	0.55	0.10	0.14	63,71,63
		720.0	0.85	0.31	0.41	63,71,63					
368	ok	0.0	0.36	0.13	0.05	72,53,72	139.5	0.05	0.12	0.06	48,53,72
		279.0	0.31	0.12	0.06	72,52,72					
369	ok	0.0	0.83	0.35	0.44	64,78,70	360.0	0.47	0.13	0.14	71,78,70
		720.0	0.79	0.36	0.45	67,75,67					
370	ok	0.0	0.89	0.43	0.52	75,78,78	150.0	0.15	0.36	0.55	71,78,78
		300.0	0.95	0.41	0.46	70,75,75					
371	ok	0.0	0.82	0.40	0.23	70,68,68	117.5	0.10	0.36	0.21	78,73,69
		235.0	0.73	0.41	0.25	69,73,69					
372	ok	0.0	0.95	0.43	0.25	70,66,70	117.5	0.12	0.38	0.21	64,66,70
		235.0	0.72	0.41	0.23	70,63,67					
373	ok	0.0	0.90	0.76	0.46	72,52,64	125.0	0.38	0.70	0.50	65,52,64
		250.0	0.59	0.62	0.26	67,52,64					
374	ok	0.0	0.83	0.30	0.39	66,72,66	360.0	0.50	0.10	0.11	66,73,66
		720.0	0.98	0.30	0.39	63,73,63					
375	ok	0.0	0.98	0.27	0.35	66,72,66	360.0	0.44	0.09	0.11	66,72,66
		720.0	0.84	0.27	0.35	63,73,63					
376	ok	0.0	0.81	0.41	0.45	66,70,66	150.0	0.11	0.35	0.46	63,70,66
		300.0	0.84	0.37	0.41	66,69,63					
377	ok	0.0	0.89	0.35	0.33	66,66,66	115.0	0.50	0.32	0.38	63,66,66
		230.0	0.61	0.28	0.23	63,66,66					
378	ok	0.0	0.77	0.28	0.37	66,72,66	360.0	0.37	0.11	0.18	51,72,66
		720.0	0.82	0.28	0.38	63,63,63					
379	ok	0.0	0.53	0.19	0.24	59,62,62	182.5	0.47	0.11	0.15	58,62,62
		365.0	0.67	0.18	0.22	62,47,59					
380	ok	0.0	0.81	0.39	0.47	66,68,66	150.0	0.22	0.36	0.57	66,63,63
		300.0	0.74	0.40	0.48	63,63,63					
381	ok	0.0	0.84	0.45	0.61	62,62,62	150.0	0.04	0.43	0.58	69,62,59
		300.0	0.80	0.44	0.61	59,59,59					
382	ok	0.0	0.78	0.19	0.27	62,62,62	360.0	0.14	0.13	0.25	59,62,62
		720.0	0.75	0.19	0.26	59,59,59					
383	ok	0.0	0.85	0.34	0.39	72,78,72	360.0	0.37	0.16	0.19	66,78,72
		720.0	0.84	0.33	0.40	73,75,73					
384	ok	0.0	0.94	0.49	0.60	72,72,72	150.0	0.15	0.44	0.54	73,72,72
		300.0	0.79	0.42	0.54	72,73,73					
385	ok	0.0	0.21	0.16	0.06	70,67,67	125.0	0.16	0.13	0.04	62,67,67
		250.0	0.21	0.11	0.05	69,70,70					
386	ok	0.0	0.91	0.71	0.43	78,50,74	125.0	0.55	0.67	0.48	73,50,74
		250.0	0.58	0.60	0.26	73,50,74					
387	ok	0.0	0.72	0.64	0.30	57,56,57	91.0	0.15	0.65	0.29	57,56,57
		182.0	0.91	0.67	0.28	57,56,56					
388	ok	0.0	0.87	0.12	0.14	62,57,62	360.0	0.16	0.08	0.12	59,57,62
		720.0	0.71	0.11	0.14	59,56,59					
389	ok	0.0	0.90	0.23	0.29	62,62,59	150.0	0.09	0.22	0.42	70,62,59
		300.0	0.75	0.23	0.33	59,59,59					
390	ok	0.0	0.62	0.27	0.10	59,62,62	269.0	0.09	0.24	0.09	64,62,62
		538.0	0.85	0.21	0.10	59,62,59					
391	ok	0.0	0.68	0.21	0.09	62,58,62	150.0	0.09	0.19	0.25	51,58,62
		300.0	0.62	0.18	0.08	62,58,62					
392	ok	0.0	0.45	0.07	0.04	62,78,62	360.5	0.15	0.03	0.04	71,52,59

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		721.0	0.53	0.07	0.04	59,52,59					
393	ok	0.0	0.84	0.41	0.31	62,78,62	80.0	0.55	0.40	0.29	62,78,62
		160.0	0.50	0.38	0.26	59,78,62					
394	ok	0.0	0.60	0.72	0.27	55,52,59	91.0	0.18	0.73	0.28	62,52,59
		182.0	0.97	0.75	0.29	62,52,59					
395	ok	0.0	0.58	0.29	0.10	55,53,58	269.0	0.07	0.27	0.09	55,53,58
		538.0	0.80	0.25	0.09	55,59,55					
396	ok	0.0	0.72	0.21	0.10	57,57,61	150.0	0.06	0.19	0.26	60,57,61
		300.0	0.67	0.18	0.08	57,57,61					
397	ok	0.0	0.46	0.08	0.04	58,53,58	360.5	0.14	0.04	0.04	55,53,55
		721.0	0.52	0.07	0.04	55,52,55					
398	ok	0.0	0.04	0.04	0.05	55,47,47	129.5	0.26	0.08	0.15	50,50,50
		259.0	0.65	0.12	0.18	50,50,50					
399	ok	0.0	0.55	0.15	0.16	67,72,64	80.0	0.50	0.12	0.12	67,72,64
		160.0	0.60	0.10	0.10	76,73,65					
400	ok	0.0	0.58	0.19	0.19	73,72,72	80.0	0.41	0.18	0.17	73,72,72
		160.0	0.52	0.17	0.16	78,73,73					
401	ok	0.0	0.62	0.51	0.19	76,59,67	155.0	0.49	0.61	0.44	76,59,67
		310.0	0.79	0.69	0.45	65,59,67					
402	ok	0.0	0.53	0.45	0.23	78,75,73	155.0	0.56	0.53	0.47	72,75,73
		310.0	0.97	0.58	0.42	73,75,73					
403	ok	0.0	0.75	0.16	0.06	53,61,53	260.0	0.33	0.08	0.08	52,61,53
		520.0	0.41	0.08	0.02	50,60,52					
408	ok	0.0	0.19	0.08	0.04	55,59,56	139.5	0.09	0.09	0.04	69,59,56
		279.0	0.31	0.10	0.05	56,59,56					
409	ok	0.0	0.63	0.17	0.21	72,72,72	142.9	0.27	0.16	0.24	71,72,72
		285.7	0.52	0.15	0.19	73,73,73					
410	ok	0.0	0.86	0.37	0.42	59,59,62	155.7	0.48	0.38	0.49	59,59,62
		311.4	0.88	0.39	0.42	62,59,59					
411	ok	0.0	0.65	0.15	0.06	53,56,53	260.0	0.32	0.07	0.07	47,56,53
		520.0	0.32	0.08	0.02	53,60,52					
412	ok	0.0	0.05	0.06	0.01	73,60,72	80.0	0.08	0.03	4.39e-03	71,60,72
		160.0	0.05	0.05	0.01	52,56,73					
413	ok	0.0	0.33	0.16	0.04	50,59,52	100.0	0.17	0.19	0.15	47,59,52
		200.0	0.66	0.22	0.07	52,59,52					
425	ok	0.0	0.73	0.22	0.33	55,55,55	117.5	0.45	0.14	0.26	55,55,55
		235.0	0.04	0.05	0.07	63,58,58					
428	ok	0.0	0.69	0.21	0.32	55,59,59	117.5	0.41	0.13	0.25	55,59,59
		235.0	0.03	0.04	0.06	67,62,62					
435	ok	0.0	0.89	0.25	0.35	66,68,66	360.0	0.33	0.11	0.17	51,63,63
		720.0	0.80	0.28	0.37	63,63,63					
436	ok	0.0	0.81	0.20	0.26	66,72,66	360.0	0.29	0.08	0.11	64,72,66
		720.0	0.66	0.19	0.26	63,73,63					
437	ok	0.0	0.96	0.45	0.40	59,59,62	155.3	0.19	0.47	0.49	60,59,59
		310.7	0.99	0.48	0.43	62,59,59					
438	ok	0.0	0.73	0.33	0.28	62,59,59	155.3	0.17	0.34	0.36	56,59,59
		310.7	0.73	0.35	0.32	59,59,59					
439	ok	0.0	0.60	0.22	0.16	56,59,59	155.7	0.13	0.23	0.21	60,59,59
		311.4	0.69	0.24	0.19	56,59,59					
440	ok	0.0	0.35	0.14	0.03	49,62,47	100.0	0.15	0.17	0.14	60,62,47
		200.0	0.61	0.20	0.06	52,62,47					
441	ok	0.0	0.56	0.44	0.27	62,68,59	98.0	0.57	0.45	0.28	59,68,59
		196.0	0.93	0.46	0.29	59,68,59					
442	ok	0.0	0.97	0.29	0.37	75,78,78	142.9	0.18	0.28	0.42	73,78,78
		285.7	0.75	0.28	0.34	75,75,78					
443	ok	0.0	0.12	0.09	0.01	63,68,66	245.0	0.10	0.09	0.03	76,56,63
		490.0	0.30	0.11	0.02	63,56,63					
446	ok	0.0	0.11	0.21	0.17	58,57,57	126.2	0.15	0.21	0.16	57,57,57
		252.4	0.39	0.22	0.17	56,56,56					
447	ok	0.0	0.89	0.39	0.15	62,62,62	80.0	0.71	0.38	0.14	62,62,62
		160.0	0.52	0.36	0.13	59,62,62					
449	ok	0.0	0.97	0.27	0.27	66,69,66	280.5	0.14	0.29	0.35	68,69,63
		561.0	0.88	0.32	0.30	63,69,63					
451	ok	0.0	0.34	0.20	0.03	68,59,68	115.0	0.11	0.19	0.06	68,59,68
		230.0	0.19	0.18	0.01	67,59,68					
453	ok	0.0	0.80	0.20	0.22	63,69,66	280.5	0.09	0.23	0.30	66,69,63
		561.0	0.94	0.25	0.26	63,69,63					
454	ok	0.0	0.15	0.30	0.23	58,57,57	126.2	0.20	0.30	0.23	57,57,57
		252.4	0.56	0.30	0.24	56,56,56					
455	ok	0.0	0.61	0.21	0.05	68,59,66	360.0	0.37	0.12	0.03	68,59,63
		720.0	0.14	0.19	0.04	68,59,63					
456	ok	0.0	0.31	0.26	0.19	59,69,62	182.5	0.29	0.26	0.23	62,71,59
		365.0	0.57	0.33	0.28	59,71,59					
457	ok	0.0	0.15	0.31	0.24	60,57,57	126.2	0.20	0.31	0.24	60,57,57

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		252.4	0.58	0.31	0.24	56,56,56					
458	ok	0.0	0.52	0.18	0.12	62,54,62	80.0	0.40	0.18	0.11	62,54,62
		160.0	0.32	0.17	0.11	59,54,62					
459	ok	0.0	0.10	0.18	0.03	67,68,66	245.0	0.25	0.15	0.05	68,56,63
		490.0	0.57	0.22	0.05	63,56,63					
462	ok	0.0	0.43	0.24	0.06	62,75,62	80.0	0.11	0.19	0.11	62,75,62
		160.0	0.17	0.15	0.02	56,75,62					
463	ok	0.0	0.46	0.24	0.06	62,75,62	80.0	0.13	0.20	0.12	62,75,62
		160.0	0.18	0.15	0.02	56,75,62					
464	ok	0.0	0.80	0.27	0.28	63,69,66	280.5	0.10	0.29	0.37	66,69,63
		561.0	0.94	0.31	0.31	63,69,63					
465	ok	0.0	0.38	0.22	0.03	68,59,68	115.0	0.14	0.20	0.07	68,59,68
		230.0	0.19	0.19	0.02	75,59,68					
466	ok	0.0	0.66	0.23	0.05	68,59,66	360.0	0.38	0.14	0.03	68,59,63
		720.0	0.18	0.21	0.04	68,59,63					
467	ok	0.0	0.54	0.31	0.29	59,57,62	182.5	0.43	0.34	0.39	62,59,59
		365.0	0.88	0.42	0.42	59,59,59					
469	ok	0.0	0.89	0.35	0.19	62,62,62	80.0	0.70	0.34	0.18	62,62,62
		160.0	0.56	0.32	0.17	59,62,62					
470	ok	0.0	0.39	0.21	0.03	68,59,68	115.0	0.14	0.20	0.07	68,59,68
		230.0	0.18	0.19	0.02	75,59,68					
471	ok	0.0	0.73	0.23	0.05	66,59,66	360.0	0.45	0.14	0.03	66,59,63
		720.0	0.25	0.20	0.04	66,59,63					
472	ok	0.0	0.51	0.35	0.34	59,57,62	182.5	0.40	0.36	0.44	62,51,59
		365.0	0.86	0.45	0.45	59,51,59					
473	ok	0.0	0.09	0.19	0.03	63,68,66	245.0	0.28	0.15	0.05	66,56,63
		490.0	0.57	0.23	0.05	63,56,63					
474	ok	0.0	0.46	0.24	0.06	62,59,62	80.0	0.13	0.20	0.12	57,59,62
		160.0	0.17	0.15	0.02	60,59,62					
475	ok	0.0	0.12	0.19	0.03	67,68,66	245.0	0.26	0.15	0.05	68,56,63
		490.0	0.61	0.23	0.05	63,56,63					
476	ok	0.0	0.22	0.08	0.03	62,59,62	80.0	0.05	0.05	0.05	62,59,62
		160.0	0.09	0.02	5.23e-03	56,59,62					
478	ok	0.0	0.45	0.16	0.14	63,69,66	280.5	0.06	0.19	0.18	66,69,63
		561.0	0.56	0.21	0.17	63,69,63					
479	ok	0.0	0.18	0.09	0.02	68,59,68	115.0	0.08	0.08	0.04	67,59,68
		230.0	0.13	0.06	6.09e-03	75,59,68					
480	ok	0.0	0.17	0.10	0.02	56,59,66	360.0	0.16	0.08	0.02	67,59,63
		720.0	0.21	0.10	0.02	63,59,63					
481	ok	0.0	0.51	0.35	0.23	59,57,62	182.5	0.41	0.38	0.46	62,51,59
		365.0	0.88	0.46	0.47	59,51,59					
486	ok	0.0	1.24e-03	2.61e-04	2.55e-04	74,74,71	63.5	0.01	0.01	0.01	74,74,74
		127.0	0.03	0.02	0.02	74,74,74					
487	ok	0.0	1.68e-03	2.55e-04	9.97e-05	74,78,75	47.0	6.01e-03	8.79e-03	3.43e-03	74,78,78
		94.0	0.01	0.01	5.33e-03	74,78,78					
488	ok	0.0	1.26e-03	1.71e-04	2.51e-04	74,78,75	31.5	2.51e-03	5.26e-03	7.71e-03	74,78,78
		63.0	3.22e-03	6.31e-03	9.24e-03	74,78,78					
489	ok	0.0	0.02	0.02	0.03	56,56,56	63.5	6.73e-03	0.01	0.02	56,56,56
		127.0	7.89e-04	2.07e-04	3.03e-04	60,56,57					
490	ok	0.0	8.04e-03	0.01	0.02	60,70,70	47.0	4.02e-03	8.69e-03	0.01	60,70,70
		94.0	1.22e-03	1.62e-04	2.38e-04	60,67,67					
491	ok	0.0	3.17e-03	6.27e-03	9.18e-03	60,68,68	31.5	2.46e-03	5.22e-03	7.64e-03	60,68,68
		63.0	1.18e-03	1.27e-04	1.87e-04	60,68,68					
Trave			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			1.00	0.82	0.65						



ALLEGATO DI CALCOLO EDIFICIO E2

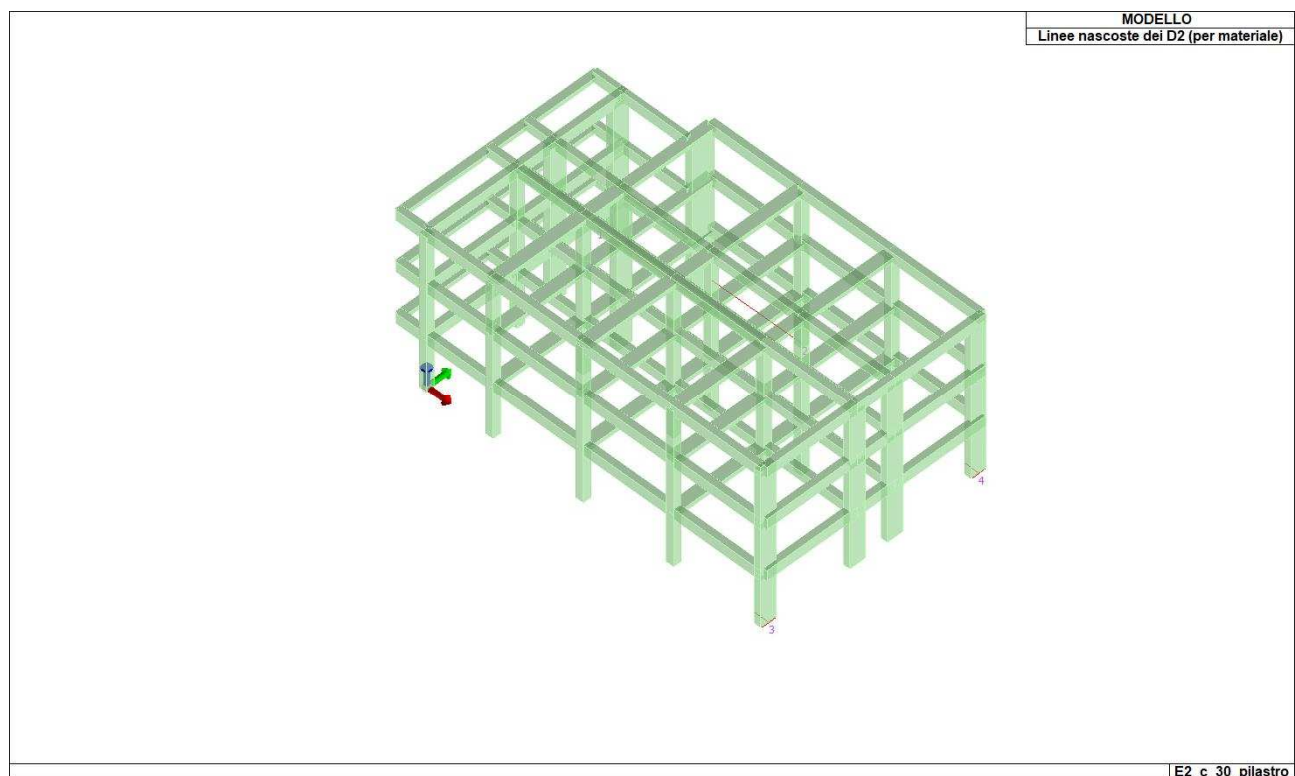
Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2023-06-199)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi2526

CARATTERISTICHE MATERIALI UTILIZZATI	3
LEGENDA TABELLA DATI MATERIALI	3
MODELLAZIONE DELLE SEZIONI	4
LEGENDA TABELLA DATI SEZIONI.....	4
MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO	7
LEGENDA TABELLA DATI SOLAI-PANNELLI.....	7
MODELLAZIONE DELLE AZIONI	9
LEGENDA TABELLA DATI AZIONI.....	9
SCHEMATIZZAZIONE DEI CASI DI CARICO	12
LEGENDA TABELLA CASI DI CARICO	12
AZIONE SISMICA.....	14
VALUTAZIONE DELL' AZIONE SISMICA.....	14
Parametri della struttura	14
RISULTATI ANALISI SISMICHE	18
LEGENDA TABELLA ANALISI SISMICHE.....	18
DEFINIZIONE DELLE COMBINAZIONI.....	28
LEGENDA TABELLA COMBINAZIONI DI CARICO	28
VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	35
LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	35
STATI LIMITE D' ESERCIZIO	52
LEGENDA TABELLA STATI LIMITE D' ESERCIZIO	52
STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO	60
LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)	60
Simbologia adottata nelle tabelle di verifica	60
DEFINIZIONE DELLE COMBINAZIONI (INCR. 1.4)	64
LEGENDA TABELLA COMBINAZIONI DI CARICO	64
VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	71
LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.	71
STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO	85
LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)	85

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
4	Calcestruzzo Classe C30/37			3.302e+05	0.20	1.376e+05	2.50e-03	1.00e-05	
	Resistenza Rc	370.0							
	Resistenza fctm		29.4						
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								0.75
	Rapporto Rfessurata (taglio)								0.75
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
23	Danesi - Poroton P800 38.19.25 e malta di classe M10 -muratura E = 6.530e+04			6.530e+04	0.0	2.612e+04	9.00e-04	1.00e-05	
	Resistenza f	65.3							
	Resistenza fh	32.6							
	Resistenza fv0	3.0							
	Resistenza fv0h	3.0							
	Resistenza tau0	1.5							
	Resistenza fvlim	9.4							
	Resistenza fb	144.0							
	Resistenza fbh	32.0							
	Resistenza fbt	10.0							
	Rapporto Rfessurata (assiale)								1.00
	Rapporto Rfessurata (flessione)								1.00
	Rapporto Rfessurata (taglio)								1.00
	Coefficiente ksb								0.85
	Coefficiente mu tilda								0.50
	Coefficiente fi								0.50
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



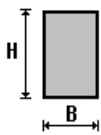
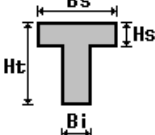
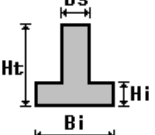
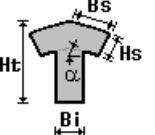
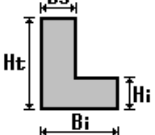
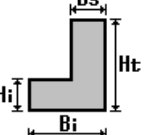
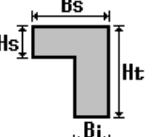
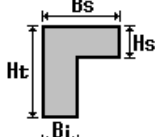
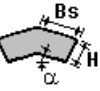
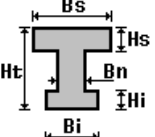
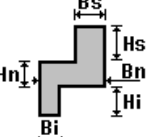
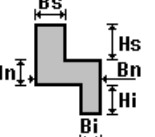
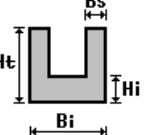
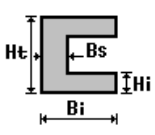
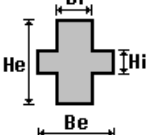
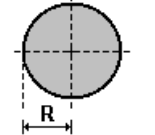
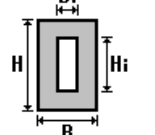
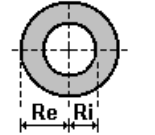
MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

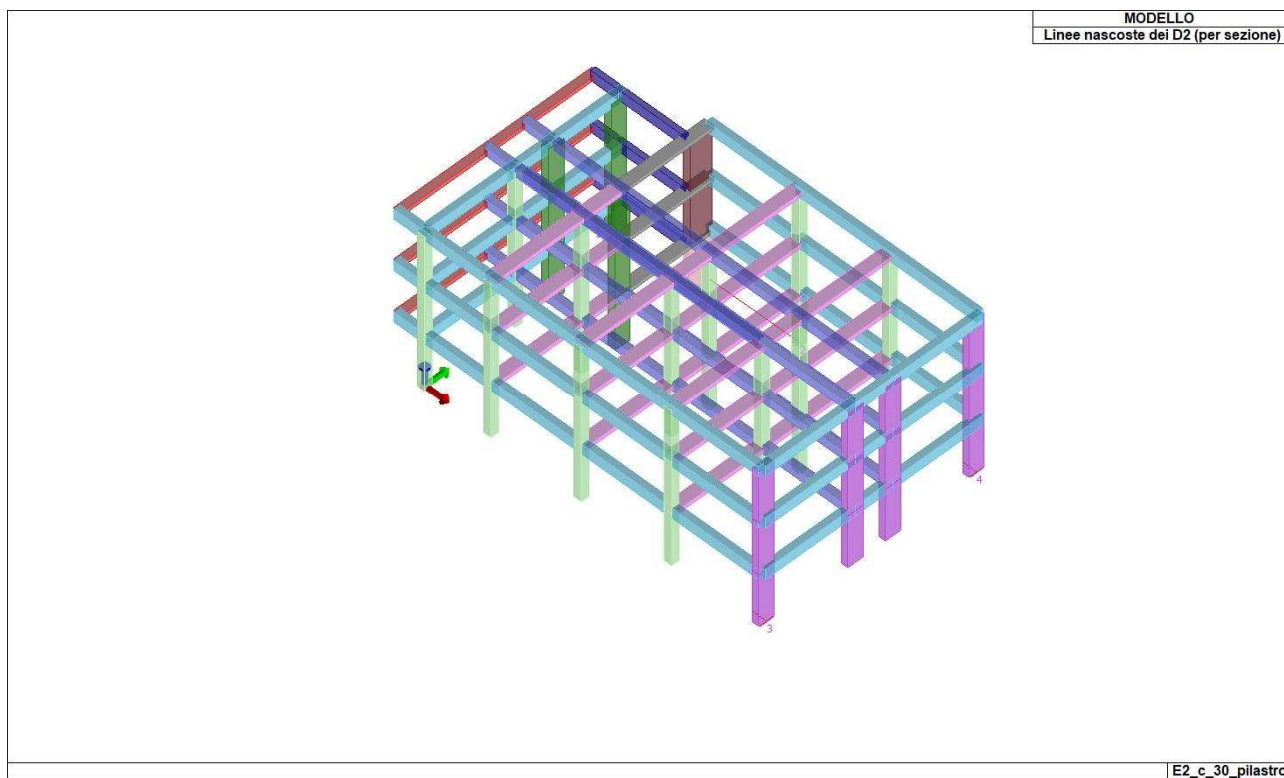
Le sezioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni sezione vengono riportati in tabella i seguenti dati:

Area	area della sezione
A V2	area della sezione/fattore di taglio (per il taglio in direzione 2)
A V3	area della sezione/fattore di taglio (per il taglio in direzione 3)
Jt	fattore torsionale di rigidezza
J2-2	momento d'inerzia della sezione riferito all'asse 2
J3-3	momento d'inerzia della sezione riferito all'asse 3
W2-2	modulo di resistenza della sezione riferito all'asse 2
W3-3	modulo di resistenza della sezione riferito all'asse 3
Wp2-2	modulo di resistenza plastico della sezione riferito all'asse 2
Wp3-3	modulo di resistenza plastico della sezione riferito all'asse 3

I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali delle sezioni è condotta nel riferimento 2-3 dell'elemento.

 rettangolare	 a T	 a T rovescia	 a T di colmo	 a L	 a L specchiata
 a L specchiata rovescia	 a L rovescia	 a L di colmo	 a doppio T	 a quattro specchiata	 a quattro
 a U	 a C	 a croce	 circolare	 rettangolare cava	 circolare cava

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
1	PILASTRO 50x100 - Rettangolare: b=50 h=100	5000.00	4166.67	4166.67	2.854e+06	1.042e+06	4.167e+06	4.167e+04	8.333e+04	6.250e+04	1.250e+05
4	PILASTRO 60x60 - Rettangolare: b=60 h=60	3600.00	3000.00	3000.00	1.822e+06	1.080e+06	1.080e+06	3.600e+04	3.600e+04	5.400e+04	5.400e+04
5	TRAVE BORDO 50x80 - Rettangolare: b=50 h=80	4000.00	3333.33	3333.33	2.021e+06	8.333e+05	2.133e+06	3.333e+04	5.333e+04	5.000e+04	8.000e+04
6	TRAVE CENTRALE 50x70 - Rettangolare: b=50 h=70	3500.00	2916.67	2916.67	1.636e+06	7.292e+05	1.429e+06	2.917e+04	4.083e+04	4.375e+04	6.125e+04
7	TRAVE SPESSORE 90x30 - Rettangolare: b=90 h=30	2700.00	2250.00	2250.00	6.399e+05	1.822e+06	2.025e+05	4.050e+04	1.350e+04	6.075e+04	2.025e+04
9	CORDOLO. 60x30 - Rettangolare: b=60 h=30	1800.00	1500.00	1500.00	3.699e+05	5.400e+05	1.350e+05	1.800e+04	9000.00	2.700e+04	1.350e+04
11	TRAVI FONDAZIONE - Rettangolare: b=60 h=120	7200.00	6000.00	6000.00	5.918e+06	2.160e+06	8.640e+06	7.200e+04	1.440e+05	1.080e+05	2.160e+05
15	PILASTRO 50x120 - Rettangolare: b=50 h=120	6000.00	5000.00	5000.00	3.688e+06	1.250e+06	7.200e+06	5.000e+04	1.200e+05	7.500e+04	1.800e+05
19	PILASTRO 60x120 - Rettangolare: b=60 h=120	7200.00	6000.00	6000.00	5.918e+06	2.160e+06	8.640e+06	7.200e+04	1.440e+05	1.080e+05	2.160e+05
20	TRAVE FONDAZIONE - Rettangolare: b=150 h=120	1.800e+04	1.500e+04	1.500e+04	4.454e+07	3.375e+07	2.160e+07	4.500e+05	3.600e+05	6.750e+05	5.400e+05
21	TRAVE DI BORDO - Rettangolare: b=40 h=80	3200.00	2666.67	2666.67	1.169e+06	4.267e+05	1.707e+06	2.133e+04	4.267e+04	3.200e+04	6.400e+04
23	Rettangolare: b=50 h=179	8950.00	7458.33	7458.33	6.146e+06	1.865e+06	2.390e+07	7.458e+04	2.670e+05	1.119e+05	4.005e+05
24	Rettangolare: b=80 h=30	2400.00	2000.00	2000.00	5.499e+05	1.280e+06	1.800e+05	3.200e+04	1.200e+04	4.800e+04	1.800e+04
25	Rettangolare: b=50 h=179	8950.00	7458.33	7458.33	6.146e+06	1.865e+06	2.390e+07	7.458e+04	2.670e+05	1.119e+05	4.005e+05



13_MOD_SEZIONI

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

Il programma utilizza per la modellazione elementi a tre o più nodi denominati in generale solaio o pannello.

Id.Arch.	Identificativo dell' archivio
Tipo	Tipo di carico Variab. Carico variabile generico Var. rid. Carico variabile generico con riduzione in funzione dell' area (c.5.5. ...) Neve Carico di neve
G1k	carico permanente (comprensivo del peso proprio)
G2k	carico permanente non strutturale e non compiutamente definito
Qk	carico variabile
Fatt. A	fattore di riduzione del carico variabile (0.5 o 0.75) per tipo "Var.rid."
S sis.	fattore di riduzione del carico variabile per la definizione delle masse sismiche per D.M. 96 (vedi NOTA sul capitolo "normativa di riferimento")
Psi 0	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore raro
Psi 1	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore frequente
Psi 2	Coefficiente combinatorio dei valori caratteristici delle azioni variabili: per valore quasi permanente
Psi S 2	Coefficiente di combinazione che fornisce il valore quasi-permanente dell'azione variabile: per la definizione delle masse sismiche
Fatt. Fi	Coefficiente di correlazione dei carichi per edifici

Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione. In particolare per ogni elemento viene indicato in tabella:

Elem	numero dell'elemento
Tipo	codice di comportamento S elemento utilizzato solo per scarico C elemento utilizzato per scarico e per modellazione piano rigido P elemento utilizzato come pannello M scarico monodirezionale B scarico bidirezionale
Id.Arch.	Identificativo dell' archivio
Mat	codice del materiale assegnato all'elemento
Spessore	spessore dell'elemento (costante)
Orditura	angolo (rispetto all'asse X) della direzione dei travetti principali
Gk	carico permanente solaio (comprensivo del peso proprio)
Qk	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

ID Arch.	Tipo	G1	G2	Q	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		kN/ m2	kN/ m2	kN/ m2							
1						1.00	0.0	0.0	0.0	0.0	1.00
2	Neve	4.20	2.10	0.52		1.00	0.50	0.20	0.0	0.0	1.00
	Variab.			3.00			0.70	0.70	0.60		
3	Variab.	4.20	2.85	3.00		1.00	0.70	0.70	0.60	0.60	1.00
4	Variab.	4.65	2.60	6.00		1.00	0.70	0.70	0.60	0.60	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						kN/ m2	kN/ m2	kN/ m2					
1	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	175	77	78	182	
2	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	163	156	157	162	
3	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	164	163	162	186	
4	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	75	164	186	74	
5	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	76	75	74	77	
6	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	181	76	77	175	
7	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	6	189	149	112	
8	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	187	190	189	6	
9	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	165	6	112	129	
10	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	166	187	6	165	
11	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	125	166	165	127	
12	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	78	72	45	79	
13	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	7	125	127	4	
14	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	179	4	3	180	
15	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	178	7	4	179	
16	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	192	191	190	187	
17	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	1	192	187	166	
18	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	2	1	166	125	
19	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	10	2	125	7	
20	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	177	10	7	178	
21	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	198	195	196	197	
22	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	199	194	195	198	
23	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	203	198	197	204	
24	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	202	199	198	203	
25	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	26	206	93	28	
26	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	207	202	203	206	
27	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	20	207	206	26	
28	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	169	26	28	170	
29	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	167	20	26	169	
30	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	200	193	194	199	
31	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	201	200	199	202	
32	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	12	201	202	207	
33	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	19	12	207	20	
34	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	168	19	20	167	
35	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	55	46	47	54	
36	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	61	38	46	55	
37	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	82	55	54	88	
38	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	68	61	55	82	
39	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	153	68	82	185	
40	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	91	153	185	97	
41	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	173	97	104	174	
42	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	171	91	97	173	
43	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	111	35	38	61	
44	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	126	111	61	68	
45	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	9	126	68	153	
46	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	83	9	153	91	
47	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	172	83	91	171	
48	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	161	158	159	160	
49	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	162	157	158	161	
50	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	41	161	160	42	
51	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	186	162	161	41	
52	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	74	186	41	72	
53	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	77	74	72	78	
54	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	182	78	79	183	
55	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	97	185	94	104	
56	CM	2	m=4	5.0	90.0	4.20	2.10	0.52	206	203	204	93	
57	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	72	41	42	45	
58	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	4	127	92	3	
59	CM	3	m=4	5.0	90.0	4.20	2.85	3.00	185	82	88	94	
60	CM	4	m=4	5.0	90.0	4.65	2.60	6.00	127	165	129	92	
61	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	208	49	10	177	

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1	G2	Q	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
62	CM	4	m=4	5.0	0.0	4.65	2.60	6.00	49	334	124	10	
63	PM		m=23	30.0	90.0				88	204	197	54	
64	PM		m=23	32.8	90.0				46	195	194	38	
65	PM		m=23	32.8	90.0				158	46	38	157	
66	PM		m=23	32.8	90.0				38	194	193	35	
67	PM		m=23	32.8	90.0				157	38	35	156	
68	PM		m=23	30.0	90.0				83	76	181	172	
69	PM		m=23	30.0	90.0				19	83	172	168	
70	PM		m=23	30.0	90.0				111	200	193	35	
71	PM		m=23	30.0	90.0				163	111	35	156	
72	PM		m=23	30.0	90.0				126	201	200	111	
73	PM		m=23	30.0	90.0				164	126	111	163	
74	PM		m=23	30.0	90.0				9	12	201	126	
75	PM		m=23	30.0	90.0				75	9	126	164	
76	PM		m=23	30.0	90.0				83	19	12	9	
77	PM		m=23	30.0	90.0				76	83	9	75	
78	PM		m=23	30.0	90.0				42	160	112	129	
79	PM		m=23	30.0	90.0				164	163	192	1	
80	PM		m=23	32.8	90.0				149	159	158	189	
81	PM		m=23	30.0	90.0				42	88	54	160	
82	PM		m=23	32.8	90.0				47	196	195	46	
83	PM		m=23	32.8	90.0				159	47	46	158	
84	PM		m=23	30.0	90.0				160	159	149	112	
85	PM		m=23	32.8	90.0				189	158	157	190	
86	PM		m=23	30.0	90.0				76	75	2	124	10
87	PM		m=23	32.8	90.0				190	157	156	191	
88	PM		m=23	32.8	90.0				28	104	174	170	
89	PM		m=23	32.8	90.0				104	79	183	174	
90	PM		m=23	30.0	90.0				75	164	1	2	
91	PM		m=23	30.0	90.0				163	156	191	192	
92	PM		m=23	32.8	90.0				183	79	3	180	
93	PM		m=23	30.0	90.0				76	10	177	181	
94	PM		m=23	30.0	90.0				94	93	204	88	
95	PM		m=23	30.0	90.0				45	94	88	42	
96	PM		m=23	30.0	90.0				92	45	42	129	
97	PM		m=23	30.0	90.0				160	54	47	159	
98	PM		m=23	30.0	90.0				54	197	196	47	
99	PM		m=23	32.8	90.0				28	93	94	104	
100	PM		m=23	32.8	90.0				104	94	45	79	
101	PM		m=23	32.8	90.0				45	92	3	79	

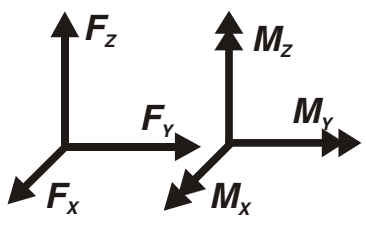
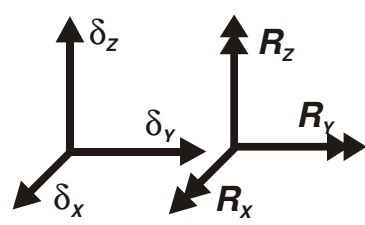
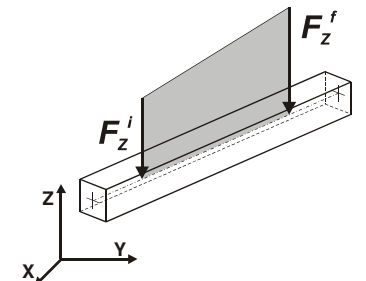
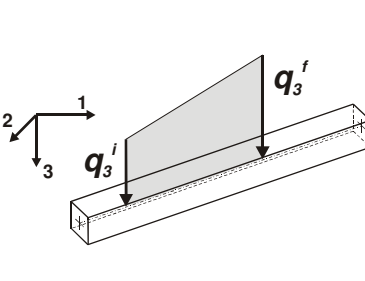
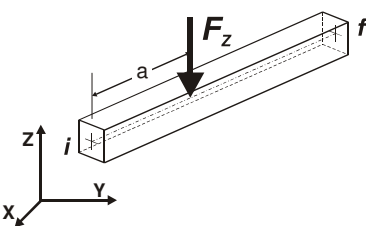
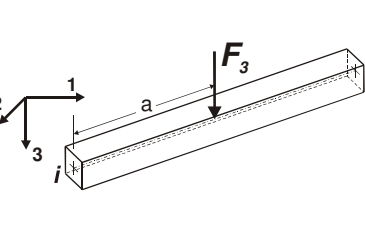
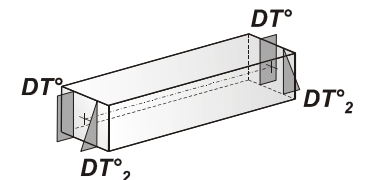
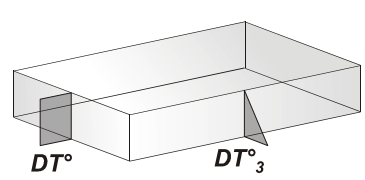
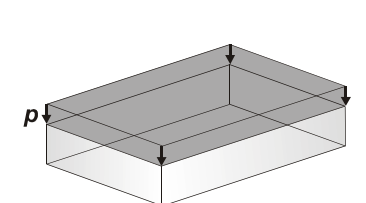
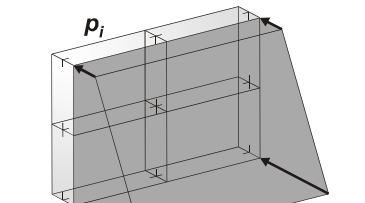
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene di riportato il codice, il tipo e la sigla identificativa. Le tabelle successive dettagliano i valori caratteristici di ogni azione in relazione al tipo. Le tabelle riportano infatti i seguenti dati in relazione al tipo:

1	carico concentrato nodale 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	spostamento nodale impresso 6 dati (spostamento Tx, Ty, Tz, rotazione Rx, Ry, Rz)
3	carico distribuito globale su elemento tipo trave 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	carico distribuito locale su elemento tipo trave 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico)

	7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	carico concentrato globale su elemento tipo trave 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	carico concentrato locale su elemento tipo trave 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	variazione termica applicata ad elemento tipo trave 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	carico di pressione uniforme su elemento tipo piastra 1 dato (pressione)
9	carico di pressione variabile su elemento tipo piastra 4 dati (pressione, quota, pressione, quota)
10	variazione termica applicata ad elemento tipo piastra 2 dati (variazioni termiche: media e differenza nello spessore)
11	carico variabile generale su elementi tipo trave e piastra 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	gruppo di carichi con impronta su piastra 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi)

 <p>Carico concentrato nodale</p>	 <p>Spostamento impresso</p>
 <p>Carico distribuito globale</p>	 <p>Carico distribuito locale</p>
 <p>Carico concentrato globale</p>	 <p>Carico concentrato locale</p>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</p>

Tipo carico distribuito globale su trave

Id	Tipo	Pos.	fx	fy	fz	mx	my	mz
		m	kN/ m	kN/ m	kN/ m	kN	kN	kN
1	TRAMEZZATURE INTERNE - DG:Fzi=-7.60 Fzf=-7.60	0.0	0.0	0.0	-7.60	0.0	0.0	0.0
2	PARAPETTI IN MURATURA - DG:Fzi=-5.30 Fzf=-5.30	0.0	0.0	0.0	-5.30	0.0	0.0	0.0
		0.0	0.0	0.0	-5.30	0.0	0.0	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

	Sigla	Tipo	Descrizione
1	Ggk	A	caso di carico comprensivo del peso proprio struttura
2	Gk	NA	caso di carico con azioni permanenti
3	Qk	NA	caso di carico con azioni variabili
4	Gsk	A	caso di carico comprensivo dei carichi permanenti sui solai e sulle coperture
5	Qsk	A	caso di carico comprensivo dei carichi variabili sui solai
6	Qnk	A	caso di carico comprensivo dei carichi di neve sulle coperture
7	Qtk	SA	caso di carico comprensivo di una variazione termica agente sulla struttura
8	Qvk	NA	caso di carico comprensivo di azioni da vento sulla struttura
9	Esk	SA	caso di carico sismico con analisi statica equivalente
10	Edk	SA	caso di carico sismico con analisi dinamica
11	Etk	NA	caso di carico comprensivo di azioni derivanti dall' incremento di spinta delle terre in condizione sismica
12	Pk	NA	caso di carico comprensivo di azioni derivanti da coazioni, cedimenti e precompressioni

Sono di tipo automatico A (ossia non prevedono introduzione dati da parte dell'utente) i seguenti casi di carico: 1-Ggk; 4-Gsk; 5-Qsk; 6-Qnk.

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:

7-Qtk, in quanto richiede solo il valore della variazione termica;

9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione è prevista localmente per ogni elemento solaio o copertura presente nel modello (si confronti il valore Sksol nel capitolo relativo agli elementi solaio) e pertanto la loro partecipazione è di norma pari a uno.

CDC	Tipo	Sigla Id	Note	Per non automatici:
1	Ggk	CDC=Ggk (peso proprio della struttura)		
2	Gsk	CDC=G1sk (permanente solai-coperture)		
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)		
4	Gsk	CDC=G2pk (permanente pannelli n.c.d.)		

CDC	Tipo	Sigla Id	Note	Per non automatici:
5	Qsk	CDC=Qsk (variabile solai)		
6	Qnk	CDC=Qnk (carico da neve)		
7	Gk	CDC=G2k tramezzi interni	Azioni applicate: [1] TRAMEZZATURE INTERNE - DG:Fzi=-7.60 Fzf=-7.60	Ad elementi: D2: 203
8	Gk	CDC=G2k parapetti murari	Azioni applicate: [2] PARAPETTI IN MURATURA - DG:Fzi=-5.30 Fzf=-5.30	Ad elementi: D2: 7, 9 # 15, 17 # 18, 20, 22
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
			partecipazione:1.00 per 4 CDC=G2pk (permanente pannelli n.c.d.)	
			partecipazione:1.00 per 5 CDC=Qsk (variabile solai)	
			partecipazione:1.00 per 6 CDC=Qnk (carico da neve)	
			partecipazione:1.00 per 7 CDC=G2k tramezzi interni	
			partecipazione:1.00 per 8 CDC=G2k parapetti murari	
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	come precedente CDC sismico	
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	come precedente CDC sismico	
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	come precedente CDC sismico	
13	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	come precedente CDC sismico	
14	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	come precedente CDC sismico	
15	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	come precedente CDC sismico	
16	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	come precedente CDC sismico	
17	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	come precedente CDC sismico	
18	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	come precedente CDC sismico	
19	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	come precedente CDC sismico	
20	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	come precedente CDC sismico	

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.

Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito <http://esse1.mi.ingv.it/>. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento V_r che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento V_r e la probabilità di superamento P_{ver} associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno T_r e i relativi parametri di pericolosità sismica (vedi tabella successiva):

ag: accelerazione orizzontale massima del terreno;

Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T^*c : periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	B	T1

Si riportano di seguito, per completezza, le videate delle opzioni così come impostate nel programma:

Classe d'uso

- ☐ I edifici di minor importanza per la sicurezza pubblica [edifici agricoli...]
- ☐ II edifici ordinari
- ☒ III edifici importanti in relazione alle conseguenze di un eventuale collasso (scuole, teatri...)
- ☐ IV edifici la cui funzionalità ha importanza fondamentale per la protezione civile (ospedali, municipi...)

Pericolosità e zonazione

pericolosità sismica

agS per SLV: 0.203

Modalità di progettazione semplificata per $agS < 0.075$ ☐

Strutture esistenti

- ☒ LC1: conoscenza limitata
- ☐ LC2: conoscenza adeguata
- ☐ LC3: conoscenza accurata

Fattore di confidenza FC: 1.35

Categoria di suolo di fondazione <input type="radio"/> A Ammassi rocciosi affioranti o terreni molto rigidi ... <input checked="" type="radio"/> B Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti ... <input type="radio"/> C Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti ... <input type="radio"/> D Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti ... <input type="radio"/> E Terreni con caratteristiche e valori di velocità equivalente riconducibili a quelle definite per le categorie C o D ...		Categoria topografica <input checked="" type="radio"/> T1 <input type="radio"/> T2 in sommità al pendio <input type="radio"/> T3 in cresta al rilievo con moderata <input type="radio"/> T4 in cresta al rilievo <input type="text" value="100"/> quota relativa (%)	
		Spettri di progetto <input checked="" type="checkbox"/> Usa spettri esterni <input type="button" value="Sfoglia..."/>	

Parametri e fattori spettrali <table border="1"> <thead> <tr> <th>S.L.</th> <th>ag</th> <th>S</th> <th>Fo</th> <th>Fv</th> <th>TB</th> <th>TC</th> <th>TD</th> </tr> </thead> <tbody> <tr> <td>SLO</td> <td><input type="text" value="0.062"/></td> <td><input type="text" value="1.200"/></td> <td><input type="text" value="2.480"/></td> <td><input type="text" value="0.832"/></td> <td><input type="text" value="0.131"/></td> <td><input type="text" value="0.393"/></td> <td><input type="text" value="1.847"/></td> </tr> <tr> <td>SLD</td> <td><input type="text" value="0.076"/></td> <td><input type="text" value="1.200"/></td> <td><input type="text" value="2.476"/></td> <td><input type="text" value="0.921"/></td> <td><input type="text" value="0.133"/></td> <td><input type="text" value="0.400"/></td> <td><input type="text" value="1.904"/></td> </tr> <tr> <td>SLV</td> <td><input type="text" value="0.169"/></td> <td><input type="text" value="1.200"/></td> <td><input type="text" value="2.519"/></td> <td><input type="text" value="1.397"/></td> <td><input type="text" value="0.145"/></td> <td><input type="text" value="0.435"/></td> <td><input type="text" value="2.275"/></td> </tr> <tr> <td>SLC</td> <td><input type="text" value="0.207"/></td> <td><input type="text" value="1.188"/></td> <td><input type="text" value="2.561"/></td> <td><input type="text" value="1.572"/></td> <td><input type="text" value="0.148"/></td> <td><input type="text" value="0.445"/></td> <td><input type="text" value="2.427"/></td> </tr> <tr> <td colspan="2">Verticale per tutti:</td> <td><input type="text" value="1.000"/></td> <td></td> <td></td> <td><input type="text" value="0.050"/></td> <td><input type="text" value="0.150"/></td> <td><input type="text" value="1.000"/></td> </tr> </tbody> </table>								S.L.	ag	S	Fo	Fv	TB	TC	TD	SLO	<input type="text" value="0.062"/>	<input type="text" value="1.200"/>	<input type="text" value="2.480"/>	<input type="text" value="0.832"/>	<input type="text" value="0.131"/>	<input type="text" value="0.393"/>	<input type="text" value="1.847"/>	SLD	<input type="text" value="0.076"/>	<input type="text" value="1.200"/>	<input type="text" value="2.476"/>	<input type="text" value="0.921"/>	<input type="text" value="0.133"/>	<input type="text" value="0.400"/>	<input type="text" value="1.904"/>	SLV	<input type="text" value="0.169"/>	<input type="text" value="1.200"/>	<input type="text" value="2.519"/>	<input type="text" value="1.397"/>	<input type="text" value="0.145"/>	<input type="text" value="0.435"/>	<input type="text" value="2.275"/>	SLC	<input type="text" value="0.207"/>	<input type="text" value="1.188"/>	<input type="text" value="2.561"/>	<input type="text" value="1.572"/>	<input type="text" value="0.148"/>	<input type="text" value="0.445"/>	<input type="text" value="2.427"/>	Verticale per tutti:		<input type="text" value="1.000"/>			<input type="text" value="0.050"/>	<input type="text" value="0.150"/>	<input type="text" value="1.000"/>	Duttilità <input type="radio"/> ND - non dissipativa <input checked="" type="radio"/> B - media <input type="radio"/> A - alta	
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Dati comuni per le analisi Quota spiccato [cm] <input type="text" value="0.0"/> Contributo carichi in fondazione <input type="checkbox"/> Eccentricità aggiuntiva X: <input type="text" value="10"/> Y: <input type="text" value="5"/> ex. muratura Spost. relativo rapp. SLC/SLD <input type="text" value="5"/>		Dati per analisi statica lineare e non lineare Altezza edificio [cm] <input type="text" value="1230.0"/> <input type="button" value="Calcola periodi T1"/> Fatt. Lambda [0.85 - 1] <input type="text" value="0.85"/> <table border="1"> <thead> <tr> <th></th> <th>dir. x-x</th> <th>dir. y-y</th> <th>dir. z-z</th> </tr> </thead> <tbody> <tr> <td>Periodo T1 [primo modo]</td> <td><input type="text" value="0.563"/></td> <td><input type="text" value="0.507"/></td> <td><input type="text" value="0.08"/></td> </tr> <tr> <td>Sd (T1) - SLU</td> <td><input type="text" value="0.144"/></td> <td><input type="text" value="0.16"/></td> <td><input type="text" value="0.157"/></td> </tr> <tr> <td>Se (T1) - SLD</td> <td><input type="text" value="0.141"/></td> <td><input type="text" value="0.156"/></td> <td><input type="text" value="0.07"/></td> </tr> <tr> <td>Rapp T1/TrZ</td> <td><input type="text" value="1.359"/></td> <td><input type="text" value="1.247"/></td> <td></td> </tr> </tbody> </table>					dir. x-x	dir. y-y	dir. z-z	Periodo T1 [primo modo]	<input type="text" value="0.563"/>	<input type="text" value="0.507"/>	<input type="text" value="0.08"/>	Sd (T1) - SLU	<input type="text" value="0.144"/>	<input type="text" value="0.16"/>	<input type="text" value="0.157"/>	Se (T1) - SLD	<input type="text" value="0.141"/>	<input type="text" value="0.156"/>	<input type="text" value="0.07"/>	Rapp T1/TrZ	<input type="text" value="1.359"/>	<input type="text" value="1.247"/>	
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Dati per analisi dinamica N. modi <input type="text" value="20"/> N. modi rigidi <input type="text" value="0"/>		suggerito: Accelerazione uniforme [Fi=Ph] <input type="checkbox"/> NO Eccentricità convenzionale con momenti Mz <input type="checkbox"/> NO Usa spostamenti medi di piano per pushover <input checked="" type="checkbox"/> SI																							

C.D.C. sismico Nodo cont. (**)

C.D.C.

Analisi modale di riferimento Sfoglia... Modo rifer. (**)

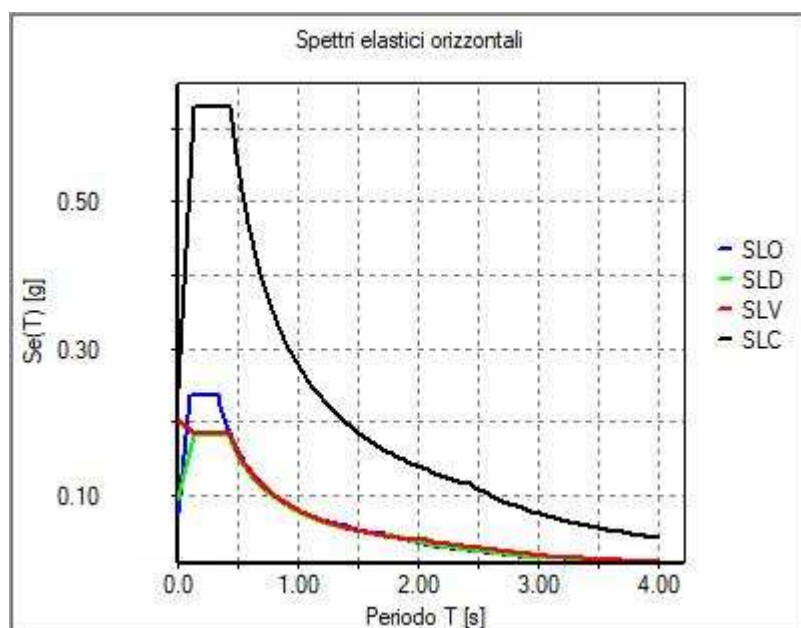
Sisma	LC 1	LC 2	LC 3	LC 4	LC 5 ["]	LC 6 ["]
LC U 9	1.00	1.00	1.00	1.00	1.00	1.00
LC U 10	1.00	1.00	1.00	1.00	1.00	1.00
LC U 11	1.00	1.00	1.00	1.00	1.00	1.00
LC U 12	1.00	1.00	1.00	1.00	1.00	1.00
LC D 13	1.00	1.00	1.00	1.00	1.00	1.00
LC D 14	1.00	1.00	1.00	1.00	1.00	1.00

NOTA: (*) coefficienti per carichi variabili Q
cdc Qk : utilizzare psi 2
cdc Qsk/Qnk : utilizzare di regola 1 (psi 2 da archivio carico)

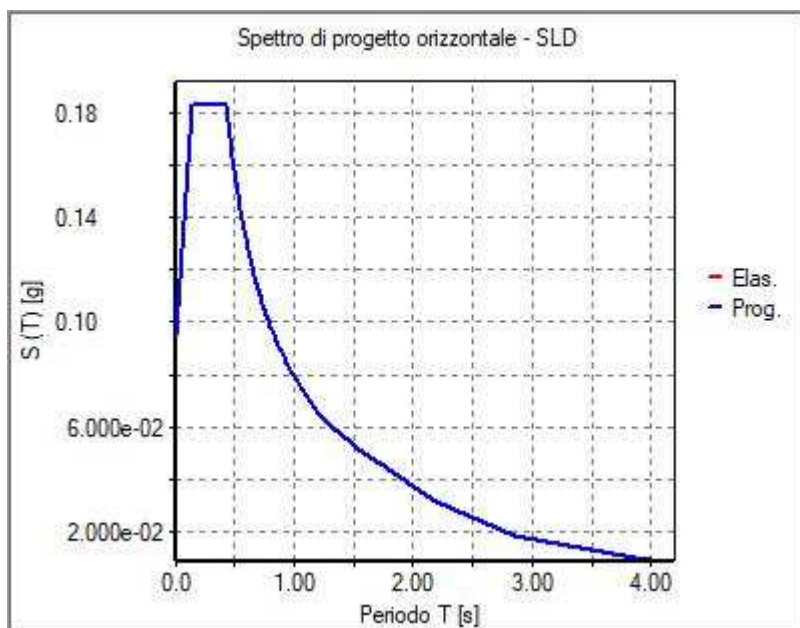
(**) 0 per default in pushover

Di seguito si riportano gli spettri utilizzati.

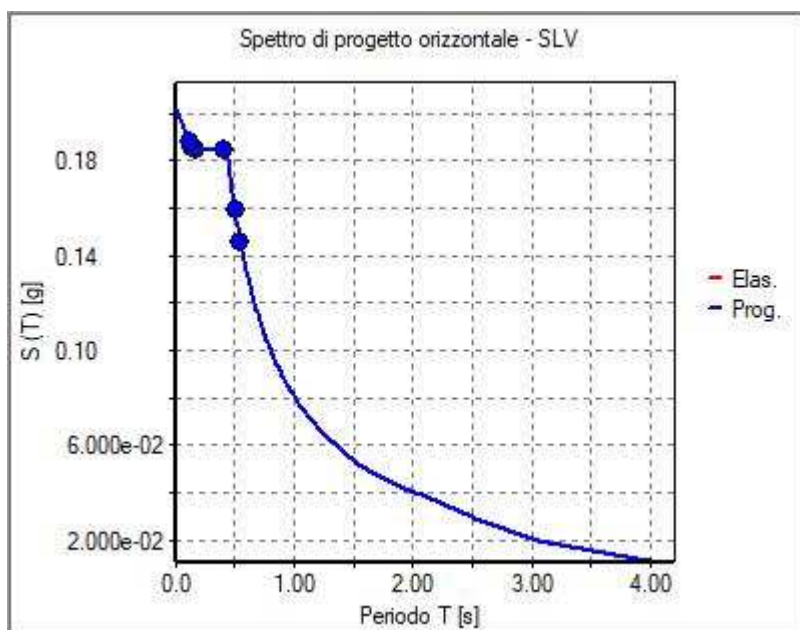
Pericolosità da RSL	
File spettro in input	
SLO_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_x.txt
SLO_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_y.txt
SLO_z	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_o_z.txt
SLD_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_d_x.txt
SLD_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_d_y.txt
SLV_x	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_v_x.txt
SLV_y	C:/Users/morga/OneDrive/Documenti/Disegni_2022/SQS_ing/Geologia_Finale/RSL_Colleferro_Spettri/CLF_v_y.txt



24_DIA_SPETTRI_ELASTICI_O



24_DIA_SPETTRI_PROGETTO_SLD_O



24_DIA_SPETTRI_PROGETTO_SLV_O

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Nella colonna Note, in funzione della norma in uso sono riportati i parametri fondamentali che caratterizzano l'azione sismica: in particolare possono essere presenti i seguenti valori:

Angolo di ingresso	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione q/q_{ND} delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
Fattore di sito S		Fattore dipendente dalla stratigrafia e dal profilo topografico
Classe di duttilità CD		Classe di duttilità della struttura – "A" duttilità alta, "B" duttilità bassa
Fattore SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo T1	proprio	Periodo proprio di vibrazione della struttura
Coefficiente Lambda		Coefficiente dipendente dal periodo proprio T1 e dal numero di piani della struttura
Ordinata Sd(T1)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata Se(T1)	spettro	Valore delle ordinate dello spettro elastico ridotta del fattore SLD per lo stato limite di danno, componente orizzontale (verticale Sve)
Ordinata S (Tb-Tc)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
N°di considerati	modi	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

fattori di comportamento secondo il D.M. 17/01/2018

Fattori di comportamento utilizzati SLU			
	Dissipativi	Verifiche fragili	Non Dissipativi
q SLU x	2.76	1.00	1.50
q SLU y	2.76	1.00	1.50
q SLU z	1.50	-	-

Fattori di comportamento utilizzati SLD	
q SLD x	1.50
q SLD y	1.50
q SLD z	1.00
Eta SLO	1.00

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.559 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	-0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	-0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	-0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.790	0.559	0.145	1.959e+04	83.2	414.12	1.8	1.86	7.92e-03	0.0	0.0
2	1.967	0.508	0.159	573.24	2.4	1.803e+04	76.5	1.04	4.40e-03	0.0	0.0
3	2.467	0.405	0.185	237.48	1.0	477.89	2.0	0.18	7.77e-04	0.0	0.0
4	5.568	0.180	0.185	2473.30	10.5	6.70	2.84e-02	5.45	2.31e-02	0.0	0.0
5	6.923	0.144	0.185	4.12	1.75e-02	3552.68	15.1	3.61	1.53e-02	0.0	0.0
6	8.115	0.123	0.188	31.85	0.1	4.58	1.94e-02	1.82	7.74e-03	0.0	0.0
7	9.272	0.108	0.190	600.67	2.6	5.92e-03	2.51e-05	1.00	4.23e-03	0.0	0.0
8	12.149	0.082	0.193	0.72	3.04e-03	780.01	3.3	0.71	3.03e-03	0.0	0.0
9	12.608	0.079	0.193	8.87	3.76e-02	0.34	1.43e-03	852.18	3.6	0.0	0.0
10	13.062	0.077	0.193	2.44	1.04e-02	1.47	6.24e-03	555.57	2.4	0.0	0.0
11	13.535	0.074	0.194	9.94	4.22e-02	1.62	6.89e-03	94.58	0.4	0.0	0.0
12	13.665	0.073	0.194	6.87	2.92e-02	18.86	8.01e-02	33.45	0.1	0.0	0.0
13	13.934	0.072	0.194	0.88	3.73e-03	14.33	6.08e-02	61.69	0.3	0.0	0.0
14	14.086	0.071	0.194	5.14	2.18e-02	7.01	2.98e-02	15.86	6.73e-02	0.0	0.0
15	14.215	0.070	0.194	1.10	4.68e-03	0.05	1.92e-04	287.33	1.2	0.0	0.0
16	15.039	0.066	0.195	0.12	4.93e-04	2.19	9.31e-03	66.40	0.3	0.0	0.0
17	15.129	0.066	0.195	4.96e-04	2.11e-06	7.32	3.11e-02	0.02	9.72e-05	0.0	0.0
18	15.341	0.065	0.195	0.09	3.80e-04	0.01	4.42e-05	51.17	0.2	0.0	0.0
19	15.897	0.063	0.195	1.89	8.01e-03	2.59e-03	1.10e-05	28.63	0.1	0.0	0.0
20	16.288	0.061	0.195	0.07	2.84e-04	6.00	2.55e-02	5.18	2.20e-02	0.0	0.0
Risulta				2.355e+04		2.332e+04		2067.74			
In percentuale				99.99		99.03		8.78			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	

CDC	Tipo	Sigla Id	Note
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.556 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.799	0.556	0.146	2.025e+04	86.0	52.06	0.2	1.26	5.37e-03	0.0	0.0
2	1.962	0.510	0.159	36.35	0.2	1.832e+04	77.8	1.50	6.36e-03	0.0	0.0
3	2.463	0.406	0.185	106.97	0.5	546.79	2.3	0.64	2.71e-03	0.0	0.0
4	5.597	0.179	0.185	2502.48	10.6	2.51	1.07e-02	4.39	1.87e-02	0.0	0.0
5	6.920	0.145	0.185	0.81	3.46e-03	3553.77	15.1	4.08	1.73e-02	0.0	0.0
6	8.100	0.123	0.188	5.45	2.31e-02	7.29	3.09e-02	5.57	2.37e-02	0.0	0.0
7	9.371	0.107	0.190	619.19	2.6	0.21	8.90e-04	1.22	5.17e-03	0.0	0.0
8	12.149	0.082	0.193	1.04e-04	0.0	778.79	3.3	2.73	1.16e-02	0.0	0.0
9	12.610	0.079	0.193	11.00	4.67e-02	1.25	5.29e-03	858.66	3.6	0.0	0.0
10	13.062	0.077	0.193	3.39	1.44e-02	0.61	2.61e-03	518.73	2.2	0.0	0.0
11	13.496	0.074	0.194	6.83	2.90e-02	6.66	2.83e-02	73.83	0.3	0.0	0.0
12	13.758	0.073	0.194	0.69	2.94e-03	9.78	4.15e-02	121.30	0.5	0.0	0.0
13	13.897	0.072	0.194	1.55	6.57e-03	25.81	0.1	17.10	7.26e-02	0.0	0.0
14	14.040	0.071	0.194	0.32	1.34e-03	2.03	8.62e-03	0.06	2.70e-04	0.0	0.0
15	14.222	0.070	0.194	0.82	3.48e-03	0.14	6.11e-04	291.13	1.2	0.0	0.0
16	15.005	0.067	0.195	0.04	1.70e-04	4.48	1.90e-02	70.87	0.3	0.0	0.0
17	15.089	0.066	0.195	0.29	1.22e-03	4.55	1.93e-02	11.68	4.96e-02	0.0	0.0
18	15.342	0.065	0.195	0.36	1.54e-03	0.08	3.22e-04	49.84	0.2	0.0	0.0
19	15.912	0.063	0.195	0.99	4.19e-03	0.14	5.81e-04	21.19	9.00e-02	0.0	0.0
20	16.397	0.061	0.195	0.13	5.65e-04	8.25	3.50e-02	1.14	4.84e-03	0.0	0.0
Risulta				2.355e+04		2.333e+04		2056.94			
In percentuale				99.99		99.04		8.73			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.517 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.802	0.555	0.146	2.025e+04	86.0	128.11	0.5	1.50	6.35e-03	0.0	0.0
2	1.935	0.517	0.157	128.21	0.5	1.773e+04	75.3	0.51	2.16e-03	0.0	0.0
3	2.554	0.392	0.185	16.96	7.20e-02	1065.54	4.5	1.87	7.92e-03	0.0	0.0
4	5.605	0.178	0.185	2506.20	10.6	1.53	6.51e-03	4.92	2.09e-02	0.0	0.0
5	6.640	0.151	0.185	0.04	1.77e-04	3197.01	13.6	0.85	3.62e-03	0.0	0.0
6	8.562	0.117	0.189	3.48	1.48e-02	316.80	1.3	8.47	3.60e-02	0.0	0.0
7	9.380	0.107	0.190	616.29	2.6	1.71e-03	7.24e-06	1.13	4.78e-03	0.0	0.0
8	11.474	0.087	0.192	0.55	2.32e-03	787.35	3.3	0.17	7.32e-04	0.0	0.0
9	12.613	0.079	0.193	11.40	4.84e-02	9.24e-04	3.92e-06	866.95	3.7	0.0	0.0
10	13.063	0.077	0.193	3.43	1.46e-02	0.41	1.74e-03	527.42	2.2	0.0	0.0
11	13.539	0.074	0.194	4.91	2.08e-02	0.34	1.44e-03	79.81	0.3	0.0	0.0
12	13.761	0.073	0.194	1.76	7.46e-03	2.51	1.06e-02	116.87	0.5	0.0	0.0
13	13.994	0.071	0.194	0.34	1.46e-03	5.18	2.20e-02	1.99	8.45e-03	0.0	0.0
14	14.207	0.070	0.194	1.40	5.93e-03	0.23	9.70e-04	240.72	1.0	0.0	0.0
15	14.351	0.070	0.194	1.04	4.40e-03	29.55	0.1	58.71	0.2	0.0	0.0
16	14.874	0.067	0.195	0.10	4.27e-04	9.62	4.08e-02	46.47	0.2	0.0	0.0
17	15.117	0.066	0.195	0.05	1.93e-04	0.19	7.98e-04	23.47	9.97e-02	0.0	0.0
18	15.345	0.065	0.195	0.24	1.02e-03	1.44e-03	6.13e-06	53.75	0.2	0.0	0.0
19	15.911	0.063	0.195	1.35	5.72e-03	0.39	1.67e-03	38.01	0.2	0.0	0.0
20	16.571	0.060	0.195	0.03	1.15e-04	17.14	7.28e-02	6.55	2.78e-02	0.0	0.0
Risulta				2.355e+04		2.329e+04		2080.13			
In percentuale				99.99		98.90		8.83			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.544 s
			classe di duttilità CD: B
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	-2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	-2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	-2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.793	0.558	0.145	1.539e+04	65.4	3975.36	16.9	2.56	1.09e-02	0.0	0.0
2	1.839	0.544	0.149	5002.61	21.2	1.244e+04	52.8	0.29	1.22e-03	0.0	0.0
3	2.731	0.366	0.185	0.57	2.41e-03	2481.09	10.5	7.39e-03	3.14e-05	0.0	0.0
4	5.603	0.178	0.185	2496.66	10.6	14.12	6.00e-02	5.29	2.24e-02	0.0	0.0
5	6.551	0.153	0.185	11.36	4.82e-02	3154.46	13.4	4.98	2.11e-02	0.0	0.0
6	8.564	0.117	0.189	0.97	4.11e-03	430.97	1.8	0.39	1.67e-03	0.0	0.0
7	9.378	0.107	0.190	616.81	2.6	0.41	1.74e-03	1.18	5.02e-03	0.0	0.0
8	12.304	0.081	0.193	0.14	5.84e-04	801.69	3.4	12.77	5.42e-02	0.0	0.0
9	12.615	0.079	0.193	11.48	4.87e-02	5.23	2.22e-02	853.40	3.6	0.0	0.0
10	13.062	0.077	0.193	2.95	1.25e-02	0.18	7.80e-04	527.56	2.2	0.0	0.0
11	13.327	0.075	0.194	1.99	8.46e-03	52.58	0.2	0.91	3.86e-03	0.0	0.0
12	13.547	0.074	0.194	6.36	2.70e-02	0.19	7.92e-04	92.06	0.4	0.0	0.0
13	13.825	0.072	0.194	0.47	1.98e-03	1.03	4.38e-03	115.50	0.5	0.0	0.0
14	14.031	0.071	0.194	1.04	4.40e-03	2.10	8.92e-03	0.02	8.59e-05	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
15	14.222	0.070	0.194	0.96	4.07e-03	0.33	1.38e-03	291.01	1.2	0.0	0.0
16	15.019	0.067	0.195	0.04	1.53e-04	1.06	4.51e-03	57.52	0.2	0.0	0.0
17	15.184	0.066	0.195	0.01	5.68e-05	5.66	2.40e-02	11.17	4.74e-02	0.0	0.0
18	15.337	0.065	0.195	0.20	8.50e-04	9.30e-03	3.95e-05	55.68	0.2	0.0	0.0
19	15.920	0.063	0.195	1.33	5.66e-03	0.04	1.63e-04	27.42	0.1	0.0	0.0
20	16.502	0.061	0.195	8.83e-03	3.75e-05	23.61	0.1	2.23	9.47e-03	0.0	0.0
Risulta				2.355e+04		2.339e+04		2061.94			
In percentuale				99.99		99.33		8.75			

CDC	Tipo	Sigla Id	Note
13	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.559 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	-0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	-0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	-0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.790	0.559	0.142	1.959e+04	83.2	414.12	1.8	1.86	7.92e-03	0.0	0.0
2	1.967	0.508	0.156	573.24	2.4	1.803e+04	76.5	1.04	4.40e-03	0.0	0.0
3	2.467	0.405	0.182	237.48	1.0	477.89	2.0	0.18	7.77e-04	0.0	0.0
4	5.568	0.180	0.182	2473.30	10.5	6.70	2.84e-02	5.45	2.31e-02	0.0	0.0
5	6.923	0.144	0.182	4.12	1.75e-02	3552.68	15.1	3.61	1.53e-02	0.0	0.0
6	8.115	0.123	0.169	31.85	0.1	4.58	1.94e-02	1.82	7.74e-03	0.0	0.0
7	9.272	0.108	0.160	600.67	2.6	5.92e-03	2.51e-05	1.00	4.23e-03	0.0	0.0
8	12.149	0.082	0.145	0.72	3.04e-03	780.01	3.3	0.71	3.03e-03	0.0	0.0
9	12.608	0.079	0.143	8.87	3.76e-02	0.34	1.43e-03	852.18	3.6	0.0	0.0
10	13.062	0.077	0.141	2.44	1.04e-02	1.47	6.24e-03	555.57	2.4	0.0	0.0
11	13.535	0.074	0.140	9.94	4.22e-02	1.62	6.89e-03	94.58	0.4	0.0	0.0
12	13.665	0.073	0.139	6.87	2.92e-02	18.86	8.01e-02	33.45	0.1	0.0	0.0
13	13.934	0.072	0.138	0.88	3.73e-03	14.33	6.08e-02	61.69	0.3	0.0	0.0
14	14.086	0.071	0.138	5.14	2.18e-02	7.01	2.98e-02	15.86	6.73e-02	0.0	0.0
15	14.215	0.070	0.137	1.10	4.68e-03	0.05	1.92e-04	287.33	1.2	0.0	0.0
16	15.039	0.066	0.135	0.12	4.93e-04	2.19	9.31e-03	66.40	0.3	0.0	0.0
17	15.129	0.066	0.135	4.96e-04	2.11e-06	7.32	3.11e-02	0.02	9.72e-05	0.0	0.0
18	15.341	0.065	0.134	0.09	3.80e-04	0.01	4.42e-05	51.17	0.2	0.0	0.0
19	15.897	0.063	0.133	1.89	8.01e-03	2.59e-03	1.10e-05	28.63	0.1	0.0	0.0
20	16.288	0.061	0.132	0.07	2.84e-04	6.00	2.55e-02	5.18	2.20e-02	0.0	0.0
Risulta				2.355e+04		2.332e+04		2067.74			
In percentuale				99.99		99.03		8.78			

CDC	Tipo	Sigla Id	Note
14	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa

CDC	Tipo	Sigla Id	Note
			periodo proprio T1: 0.556 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.799	0.556	0.143	2.025e+04	86.0	52.06	0.2	1.26	5.37e-03	0.0	0.0
2	1.962	0.510	0.155	36.35	0.2	1.832e+04	77.8	1.50	6.36e-03	0.0	0.0
3	2.463	0.406	0.182	106.97	0.5	546.79	2.3	0.64	2.71e-03	0.0	0.0
4	5.597	0.179	0.182	2502.48	10.6	2.51	1.07e-02	4.39	1.87e-02	0.0	0.0
5	6.920	0.145	0.182	0.81	3.46e-03	3553.77	15.1	4.08	1.73e-02	0.0	0.0
6	8.100	0.123	0.170	5.45	2.31e-02	7.29	3.09e-02	5.57	2.37e-02	0.0	0.0
7	9.371	0.107	0.159	619.19	2.6	0.21	8.90e-04	1.22	5.17e-03	0.0	0.0
8	12.149	0.082	0.145	1.04e-04	0.0	778.79	3.3	2.73	1.16e-02	0.0	0.0
9	12.610	0.079	0.143	11.00	4.67e-02	1.25	5.29e-03	858.66	3.6	0.0	0.0
10	13.062	0.077	0.141	3.39	1.44e-02	0.61	2.61e-03	518.73	2.2	0.0	0.0
11	13.496	0.074	0.140	6.83	2.90e-02	6.66	2.83e-02	73.83	0.3	0.0	0.0
12	13.758	0.073	0.139	0.69	2.94e-03	9.78	4.15e-02	121.30	0.5	0.0	0.0
13	13.897	0.072	0.138	1.55	6.57e-03	25.81	0.1	17.10	7.26e-02	0.0	0.0
14	14.040	0.071	0.138	0.32	1.34e-03	2.03	8.62e-03	0.06	2.70e-04	0.0	0.0
15	14.222	0.070	0.137	0.82	3.48e-03	0.14	6.11e-04	291.13	1.2	0.0	0.0
16	15.005	0.067	0.135	0.04	1.70e-04	4.48	1.90e-02	70.87	0.3	0.0	0.0
17	15.089	0.066	0.135	0.29	1.22e-03	4.55	1.93e-02	11.68	4.96e-02	0.0	0.0
18	15.342	0.065	0.134	0.36	1.54e-03	0.08	3.22e-04	49.84	0.2	0.0	0.0
19	15.912	0.063	0.133	0.99	4.19e-03	0.14	5.81e-04	21.19	9.00e-02	0.0	0.0
20	16.397	0.061	0.132	0.13	5.65e-04	8.25	3.50e-02	1.14	4.84e-03	0.0	0.0
Risulta				2.355e+04		2.333e+04		2056.94			
In percentuale				99.99		99.04		8.73			

CDC	Tipo	Sigla Id	Note
15	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.517 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.802	0.555	0.143	2.025e+04	86.0	128.11	0.5	1.50	6.35e-03	0.0	0.0
2	1.935	0.517	0.153	128.21	0.5	1.773e+04	75.3	0.51	2.16e-03	0.0	0.0
3	2.554	0.392	0.182	16.96	7.20e-02	1065.54	4.5	1.87	7.92e-03	0.0	0.0
4	5.605	0.178	0.182	2506.20	10.6	1.53	6.51e-03	4.92	2.09e-02	0.0	0.0
5	6.640	0.151	0.182	0.04	1.77e-04	3197.01	13.6	0.85	3.62e-03	0.0	0.0
6	8.562	0.117	0.166	3.48	1.48e-02	316.80	1.3	8.47	3.60e-02	0.0	0.0
7	9.380	0.107	0.159	616.29	2.6	1.71e-03	7.24e-06	1.13	4.78e-03	0.0	0.0
8	11.474	0.087	0.148	0.55	2.32e-03	787.35	3.3	0.17	7.32e-04	0.0	0.0
9	12.613	0.079	0.143	11.40	4.84e-02	9.24e-04	3.92e-06	866.95	3.7	0.0	0.0
10	13.063	0.077	0.141	3.43	1.46e-02	0.41	1.74e-03	527.42	2.2	0.0	0.0
11	13.539	0.074	0.140	4.91	2.08e-02	0.34	1.44e-03	79.81	0.3	0.0	0.0
12	13.761	0.073	0.139	1.76	7.46e-03	2.51	1.06e-02	116.87	0.5	0.0	0.0
13	13.994	0.071	0.138	0.34	1.46e-03	5.18	2.20e-02	1.99	8.45e-03	0.0	0.0
14	14.207	0.070	0.137	1.40	5.93e-03	0.23	9.70e-04	240.72	1.0	0.0	0.0
15	14.351	0.070	0.137	1.04	4.40e-03	29.55	0.1	58.71	0.2	0.0	0.0
16	14.874	0.067	0.136	0.10	4.27e-04	9.62	4.08e-02	46.47	0.2	0.0	0.0
17	15.117	0.066	0.135	0.05	1.93e-04	0.19	7.98e-04	23.47	9.97e-02	0.0	0.0
18	15.345	0.065	0.134	0.24	1.02e-03	1.44e-03	6.13e-06	53.75	0.2	0.0	0.0
19	15.911	0.063	0.133	1.35	5.72e-03	0.39	1.67e-03	38.01	0.2	0.0	0.0
20	16.571	0.060	0.131	0.03	1.15e-04	17.14	7.28e-02	6.55	2.78e-02	0.0	0.0
Risulta				2.355e+04		2.329e+04		2080.13			
In percentuale				99.99		98.90		8.83			

CDC	Tipo	Sigla Id	Note
16	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.544 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	-2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	-2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	-2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.793	0.558	0.142	1.539e+04	65.4	3975.36	16.9	2.56	1.09e-02	0.0	0.0
2	1.839	0.544	0.146	5002.61	21.2	1.244e+04	52.8	0.29	1.22e-03	0.0	0.0
3	2.731	0.366	0.182	0.57	2.41e-03	2481.09	10.5	7.39e-03	3.14e-05	0.0	0.0
4	5.603	0.178	0.182	2496.66	10.6	14.12	6.00e-02	5.29	2.24e-02	0.0	0.0
5	6.551	0.153	0.182	11.36	4.82e-02	3154.46	13.4	4.98	2.11e-02	0.0	0.0
6	8.564	0.117	0.166	0.97	4.11e-03	430.97	1.8	0.39	1.67e-03	0.0	0.0
7	9.378	0.107	0.159	616.81	2.6	0.41	1.74e-03	1.18	5.02e-03	0.0	0.0
8	12.304	0.081	0.144	0.14	5.84e-04	801.69	3.4	12.77	5.42e-02	0.0	0.0
9	12.615	0.079	0.143	11.48	4.87e-02	5.23	2.22e-02	853.40	3.6	0.0	0.0
10	13.062	0.077	0.141	2.95	1.25e-02	0.18	7.80e-04	527.56	2.2	0.0	0.0
11	13.327	0.075	0.140	1.99	8.46e-03	52.58	0.2	0.91	3.86e-03	0.0	0.0
12	13.547	0.074	0.140	6.36	2.70e-02	0.19	7.92e-04	92.06	0.4	0.0	0.0
13	13.825	0.072	0.139	0.47	1.98e-03	1.03	4.38e-03	115.50	0.5	0.0	0.0
14	14.031	0.071	0.138	1.04	4.40e-03	2.10	8.92e-03	0.02	8.59e-05	0.0	0.0
15	14.222	0.070	0.137	0.96	4.07e-03	0.33	1.38e-03	291.01	1.2	0.0	0.0
16	15.019	0.067	0.135	0.04	1.53e-04	1.06	4.51e-03	57.52	0.2	0.0	0.0
17	15.184	0.066	0.135	0.01	5.68e-05	5.66	2.40e-02	11.17	4.74e-02	0.0	0.0
18	15.337	0.065	0.134	0.20	8.50e-04	9.30e-03	3.95e-05	55.68	0.2	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
19	15.920	0.063	0.133	1.33	5.66e-03	0.04	1.63e-04	27.42	0.1	0.0	0.0
20	16.502	0.061	0.132	8.83e-03	3.75e-05	23.61	0.1	2.23	9.47e-03	0.0	0.0
Risulta				2.355e+04		2.339e+04		2061.94			
In percentuale				99.99		99.33		8.75			

CDC	Tipo	Sigla Id	Note
17	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.559 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	-0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	-0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	-0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.790	0.559	0.145	1.959e+04	83.2	414.12	1.8	1.86	7.92e-03	0.0	0.0
2	1.967	0.508	0.160	573.24	2.4	1.803e+04	76.5	1.04	4.40e-03	0.0	0.0
3	2.467	0.405	0.200	237.48	1.0	477.89	2.0	0.18	7.77e-04	0.0	0.0
4	5.568	0.180	0.238	2473.30	10.5	6.70	2.84e-02	5.45	2.31e-02	0.0	0.0
5	6.923	0.144	0.238	4.12	1.75e-02	3552.68	15.1	3.61	1.53e-02	0.0	0.0
6	8.115	0.123	0.238	31.85	0.1	4.58	1.94e-02	1.82	7.74e-03	0.0	0.0
7	9.272	0.108	0.229	600.67	2.6	5.92e-03	2.51e-05	1.00	4.23e-03	0.0	0.0
8	12.149	0.082	0.193	0.72	3.04e-03	780.01	3.3	0.71	3.03e-03	0.0	0.0
9	12.608	0.079	0.189	8.87	3.76e-02	0.34	1.43e-03	852.18	3.6	0.0	0.0
10	13.062	0.077	0.185	2.44	1.04e-02	1.47	6.24e-03	555.57	2.4	0.0	0.0
11	13.535	0.074	0.181	9.94	4.22e-02	1.62	6.89e-03	94.58	0.4	0.0	0.0
12	13.665	0.073	0.180	6.87	2.92e-02	18.86	8.01e-02	33.45	0.1	0.0	0.0
13	13.934	0.072	0.178	0.88	3.73e-03	14.33	6.08e-02	61.69	0.3	0.0	0.0
14	14.086	0.071	0.177	5.14	2.18e-02	7.01	2.98e-02	15.86	6.73e-02	0.0	0.0
15	14.215	0.070	0.176	1.10	4.68e-03	0.05	1.92e-04	287.33	1.2	0.0	0.0
16	15.039	0.066	0.170	0.12	4.93e-04	2.19	9.31e-03	66.40	0.3	0.0	0.0
17	15.129	0.066	0.170	4.96e-04	2.11e-06	7.32	3.11e-02	0.02	9.72e-05	0.0	0.0
18	15.341	0.065	0.169	0.09	3.80e-04	0.01	4.42e-05	51.17	0.2	0.0	0.0
19	15.897	0.063	0.165	1.89	8.01e-03	2.59e-03	1.10e-05	28.63	0.1	0.0	0.0
20	16.288	0.061	0.163	0.07	2.84e-04	6.00	2.55e-02	5.18	2.20e-02	0.0	0.0
Risulta				2.355e+04		2.332e+04		2067.74			
In percentuale				99.99		99.03		8.78			

CDC	Tipo	Sigla Id	Note
18	Edk	CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.556 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	0.0	0.87	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	0.0	0.87	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	0.0	0.87	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.799	0.556	0.146	2.025e+04	86.0	52.06	0.2	1.26	5.37e-03	0.0	0.0
2	1.962	0.510	0.159	36.35	0.2	1.832e+04	77.8	1.50	6.36e-03	0.0	0.0
3	2.463	0.406	0.200	106.97	0.5	546.79	2.3	0.64	2.71e-03	0.0	0.0
4	5.597	0.179	0.238	2502.48	10.6	2.51	1.07e-02	4.39	1.87e-02	0.0	0.0
5	6.920	0.145	0.238	0.81	3.46e-03	3553.77	15.1	4.08	1.73e-02	0.0	0.0
6	8.100	0.123	0.238	5.45	2.31e-02	7.29	3.09e-02	5.57	2.37e-02	0.0	0.0
7	9.371	0.107	0.228	619.19	2.6	0.21	8.90e-04	1.22	5.17e-03	0.0	0.0
8	12.149	0.082	0.193	1.04e-04	0.0	778.79	3.3	2.73	1.16e-02	0.0	0.0
9	12.610	0.079	0.189	11.00	4.67e-02	1.25	5.29e-03	858.66	3.6	0.0	0.0
10	13.062	0.077	0.185	3.39	1.44e-02	0.61	2.61e-03	518.73	2.2	0.0	0.0
11	13.496	0.074	0.181	6.83	2.90e-02	6.66	2.83e-02	73.83	0.3	0.0	0.0
12	13.758	0.073	0.179	0.69	2.94e-03	9.78	4.15e-02	121.30	0.5	0.0	0.0
13	13.897	0.072	0.178	1.55	6.57e-03	25.81	0.1	17.10	7.26e-02	0.0	0.0
14	14.040	0.071	0.177	0.32	1.34e-03	2.03	8.62e-03	0.06	2.70e-04	0.0	0.0
15	14.222	0.070	0.176	0.82	3.48e-03	0.14	6.11e-04	291.13	1.2	0.0	0.0
16	15.005	0.067	0.171	0.04	1.70e-04	4.48	1.90e-02	70.87	0.3	0.0	0.0
17	15.089	0.066	0.170	0.29	1.22e-03	4.55	1.93e-02	11.68	4.96e-02	0.0	0.0
18	15.342	0.065	0.169	0.36	1.54e-03	0.08	3.22e-04	49.84	0.2	0.0	0.0
19	15.912	0.063	0.165	0.99	4.19e-03	0.14	5.81e-04	21.19	9.00e-02	0.0	0.0
20	16.397	0.061	0.163	0.13	5.65e-04	8.25	3.50e-02	1.14	4.84e-03	0.0	0.0
Risulta				2.355e+04		2.333e+04		2056.94			
In percentuale				99.99		99.04		8.73			

CDC	Tipo	Sigla Id	Note
19	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. +)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.517 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.802	0.555	0.146	2.025e+04	86.0	128.11	0.5	1.50	6.35e-03	0.0	0.0
2	1.935	0.517	0.157	128.21	0.5	1.773e+04	75.3	0.51	2.16e-03	0.0	0.0
3	2.554	0.392	0.207	16.96	7.20e-02	1065.54	4.5	1.87	7.92e-03	0.0	0.0
4	5.605	0.178	0.238	2506.20	10.6	1.53	6.51e-03	4.92	2.09e-02	0.0	0.0
5	6.640	0.151	0.238	0.04	1.77e-04	3197.01	13.6	0.85	3.62e-03	0.0	0.0

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
6	8.562	0.117	0.238	3.48	1.48e-02	316.80	1.3	8.47	3.60e-02	0.0	0.0
7	9.380	0.107	0.228	616.29	2.6	1.71e-03	7.24e-06	1.13	4.78e-03	0.0	0.0
8	11.474	0.087	0.200	0.55	2.32e-03	787.35	3.3	0.17	7.32e-04	0.0	0.0
9	12.613	0.079	0.189	11.40	4.84e-02	9.24e-04	3.92e-06	866.95	3.7	0.0	0.0
10	13.063	0.077	0.185	3.43	1.46e-02	0.41	1.74e-03	527.42	2.2	0.0	0.0
11	13.539	0.074	0.181	4.91	2.08e-02	0.34	1.44e-03	79.81	0.3	0.0	0.0
12	13.761	0.073	0.179	1.76	7.46e-03	2.51	1.06e-02	116.87	0.5	0.0	0.0
13	13.994	0.071	0.177	0.34	1.46e-03	5.18	2.20e-02	1.99	8.45e-03	0.0	0.0
14	14.207	0.070	0.176	1.40	5.93e-03	0.23	9.70e-04	240.72	1.0	0.0	0.0
15	14.351	0.070	0.175	1.04	4.40e-03	29.55	0.1	58.71	0.2	0.0	0.0
16	14.874	0.067	0.171	0.10	4.27e-04	9.62	4.08e-02	46.47	0.2	0.0	0.0
17	15.117	0.066	0.170	0.05	1.93e-04	0.19	7.98e-04	23.47	9.97e-02	0.0	0.0
18	15.345	0.065	0.168	0.24	1.02e-03	1.44e-03	6.13e-06	53.75	0.2	0.0	0.0
19	15.911	0.063	0.165	1.35	5.72e-03	0.39	1.67e-03	38.01	0.2	0.0	0.0
20	16.571	0.060	0.162	0.03	1.15e-04	17.14	7.28e-02	6.55	2.78e-02	0.0	0.0
Risulta				2.355e+04		2.329e+04		2080.13			
In percentuale				99.99		98.90		8.83			

CDC	Tipo	Sigla Id	Note
20	Edk	CDC=Ed (dinamico SLO) alfa=90.00 (ecc. -)	
			categoria suolo: da R.S.L.
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.544 s
			numero di modi considerati: 20
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
12.30	7198.98	12.82	8.63	-2.91	0.0	11.93	9.20	1.345	0.078	0.027
8.20	8147.10	12.73	8.70	-2.91	0.0	11.93	9.20	1.345	0.070	0.023
4.10	8206.42	12.66	8.76	-2.91	0.0	11.93	9.20	1.345	0.064	0.021
Risulta	2.355e+04									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X x g	%	M efficace Y x g	%	M efficace Z x g	%	Energia	Energia x v
	Hz	sec	g	kN		kN		kN			
1	1.793	0.558	0.146	1.539e+04	65.4	3975.36	16.9	2.56	1.09e-02	0.0	0.0
2	1.839	0.544	0.149	5002.61	21.2	1.244e+04	52.8	0.29	1.22e-03	0.0	0.0
3	2.731	0.366	0.222	0.57	2.41e-03	2481.09	10.5	7.39e-03	3.14e-05	0.0	0.0
4	5.603	0.178	0.238	2496.66	10.6	14.12	6.00e-02	5.29	2.24e-02	0.0	0.0
5	6.551	0.153	0.238	11.36	4.82e-02	3154.46	13.4	4.98	2.11e-02	0.0	0.0
6	8.564	0.117	0.238	0.97	4.11e-03	430.97	1.8	0.39	1.67e-03	0.0	0.0
7	9.378	0.107	0.228	616.81	2.6	0.41	1.74e-03	1.18	5.02e-03	0.0	0.0
8	12.304	0.081	0.191	0.14	5.84e-04	801.69	3.4	12.77	5.42e-02	0.0	0.0
9	12.615	0.079	0.189	11.48	4.87e-02	5.23	2.22e-02	853.40	3.6	0.0	0.0
10	13.062	0.077	0.185	2.95	1.25e-02	0.18	7.80e-04	527.56	2.2	0.0	0.0
11	13.327	0.075	0.183	1.99	8.46e-03	52.58	0.2	0.91	3.86e-03	0.0	0.0
12	13.547	0.074	0.181	6.36	2.70e-02	0.19	7.92e-04	92.06	0.4	0.0	0.0
13	13.825	0.072	0.179	0.47	1.98e-03	1.03	4.38e-03	115.50	0.5	0.0	0.0
14	14.031	0.071	0.177	1.04	4.40e-03	2.10	8.92e-03	0.02	8.59e-05	0.0	0.0
15	14.222	0.070	0.176	0.96	4.07e-03	0.33	1.38e-03	291.01	1.2	0.0	0.0
16	15.019	0.067	0.170	0.04	1.53e-04	1.06	4.51e-03	57.52	0.2	0.0	0.0
17	15.184	0.066	0.169	0.01	5.68e-05	5.66	2.40e-02	11.17	4.74e-02	0.0	0.0
18	15.337	0.065	0.169	0.20	8.50e-04	9.30e-03	3.95e-05	55.68	0.2	0.0	0.0
19	15.920	0.063	0.165	1.33	5.66e-03	0.04	1.63e-04	27.42	0.1	0.0	0.0
20	16.502	0.061	0.162	8.83e-03	3.75e-05	23.61	0.1	2.23	9.47e-03	0.0	0.0
Risulta				2.355e+04		2.339e+04		2061.94			
In percentuale				99.99		99.33		8.75			

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30\text{kN}$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30\text{kN}$)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota $\leq 1000\text{ m}$	0,50	0,20	0,00
Neve a quota $> 1000\text{ m}$	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

Coefficiente	EQU	A1	A2
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		γ_f			
<i>Carichi permanenti</i>	<i>Favorevoli</i>	γ_{G1}	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali (Non compiutamente definiti)</i>	<i>Favorevoli</i>	γ_{G2}	0,8	0,8	0,8
	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	γ_{Qi}	0,0	0,0	0,0
	<i>Sfavorevoli</i>		1,5	1,5	1,3

Cmb	Tipo	Sigla Id
1	SLU	Comb. SLU A1 1
2	SLU	Comb. SLU A1 2
3	SLU	Comb. SLU A1 3
4	SLU	Comb. SLU A1 4
5	SLU	Comb. SLU A1 5
6	SLU	Comb. SLU A1 6
7	SLU	Comb. SLU A1 7
8	SLU	Comb. SLU A1 8
9	SLU	Comb. SLU A1 9
10	SLU	Comb. SLU A1 10
11	SLU	Comb. SLU A1 11
12	SLU	Comb. SLU A1 12
13	SLU	Comb. SLU A1 13
14	SLU	Comb. SLU A1 14
15	SLE(r)	Comb. SLE(rara) 15
16	SLE(r)	Comb. SLE(rara) 16
17	SLE(r)	Comb. SLE(rara) 17
18	SLE(r)	Comb. SLE(rara) 18
19	SLE(r)	Comb. SLE(rara) 19
20	SLE(r)	Comb. SLE(rara) 20
21	SLE(r)	Comb. SLE(rara) 21
22	SLE(f)	Comb. SLE(freq.) 22
23	SLE(f)	Comb. SLE(freq.) 23
24	SLE(f)	Comb. SLE(freq.) 24
25	SLE(f)	Comb. SLE(freq.) 25
26	SLE(f)	Comb. SLE(freq.) 26
27	SLE(p)	Comb. SLE(perm.) 27
28	SLE(p)	Comb. SLE(perm.) 28
29	SLU	Comb. SLU A1 (SLV sism.) 29
30	SLU	Comb. SLU A1 (SLV sism.) 30
31	SLU	Comb. SLU A1 (SLV sism.) 31
32	SLU	Comb. SLU A1 (SLV sism.) 32
33	SLU	Comb. SLU A1 (SLV sism.) 33
34	SLU	Comb. SLU A1 (SLV sism.) 34
35	SLU	Comb. SLU A1 (SLV sism.) 35
36	SLU	Comb. SLU A1 (SLV sism.) 36
37	SLU	Comb. SLU A1 (SLV sism.) 37
38	SLU	Comb. SLU A1 (SLV sism.) 38
39	SLU	Comb. SLU A1 (SLV sism.) 39
40	SLU	Comb. SLU A1 (SLV sism.) 40
41	SLU	Comb. SLU A1 (SLV sism.) 41
42	SLU	Comb. SLU A1 (SLV sism.) 42
43	SLU	Comb. SLU A1 (SLV sism.) 43
44	SLU	Comb. SLU A1 (SLV sism.) 44
45	SLU	Comb. SLU A1 (SLV sism.) 45
46	SLU	Comb. SLU A1 (SLV sism.) 46
47	SLU	Comb. SLU A1 (SLV sism.) 47
48	SLU	Comb. SLU A1 (SLV sism.) 48
49	SLU	Comb. SLU A1 (SLV sism.) 49
50	SLU	Comb. SLU A1 (SLV sism.) 50
51	SLU	Comb. SLU A1 (SLV sism.) 51
52	SLU	Comb. SLU A1 (SLV sism.) 52
53	SLU	Comb. SLU A1 (SLV sism.) 53
54	SLU	Comb. SLU A1 (SLV sism.) 54
55	SLU	Comb. SLU A1 (SLV sism.) 55
56	SLU	Comb. SLU A1 (SLV sism.) 56
57	SLU	Comb. SLU A1 (SLV sism.) 57
58	SLU	Comb. SLU A1 (SLV sism.) 58

Cmb	Tipo	Sigla Id
59	SLU	Comb. SLU A1 (SLV sism.) 59
60	SLU	Comb. SLU A1 (SLV sism.) 60
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64
65	SLE(sis)	Comb. SLE (SLD Danno sism.) 65
66	SLE(sis)	Comb. SLE (SLD Danno sism.) 66
67	SLE(sis)	Comb. SLE (SLD Danno sism.) 67
68	SLE(sis)	Comb. SLE (SLD Danno sism.) 68
69	SLE(sis)	Comb. SLE (SLD Danno sism.) 69
70	SLE(sis)	Comb. SLE (SLD Danno sism.) 70
71	SLE(sis)	Comb. SLE (SLD Danno sism.) 71
72	SLE(sis)	Comb. SLE (SLD Danno sism.) 72
73	SLE(sis)	Comb. SLE (SLD Danno sism.) 73
74	SLE(sis)	Comb. SLE (SLD Danno sism.) 74
75	SLE(sis)	Comb. SLE (SLD Danno sism.) 75
76	SLE(sis)	Comb. SLE (SLD Danno sism.) 76
77	SLE(sis)	Comb. SLE (SLD Danno sism.) 77
78	SLE(sis)	Comb. SLE (SLD Danno sism.) 78
79	SLE(sis)	Comb. SLE (SLD Danno sism.) 79
80	SLE(sis)	Comb. SLE (SLD Danno sism.) 80
81	SLE(sis)	Comb. SLE (SLD Danno sism.) 81
82	SLE(sis)	Comb. SLE (SLD Danno sism.) 82
83	SLE(sis)	Comb. SLE (SLD Danno sism.) 83
84	SLE(sis)	Comb. SLE (SLD Danno sism.) 84
85	SLE(sis)	Comb. SLE (SLD Danno sism.) 85
86	SLE(sis)	Comb. SLE (SLD Danno sism.) 86
87	SLE(sis)	Comb. SLE (SLD Danno sism.) 87
88	SLE(sis)	Comb. SLE (SLD Danno sism.) 88
89	SLE(sis)	Comb. SLE (SLD Danno sism.) 89
90	SLE(sis)	Comb. SLE (SLD Danno sism.) 90
91	SLE(sis)	Comb. SLE (SLD Danno sism.) 91
92	SLE(sis)	Comb. SLE (SLD Danno sism.) 92
93	SLE(sis)	Comb. SLE (SLO Operativo sism.) 93
94	SLE(sis)	Comb. SLE (SLO Operativo sism.) 94
95	SLE(sis)	Comb. SLE (SLO Operativo sism.) 95
96	SLE(sis)	Comb. SLE (SLO Operativo sism.) 96
97	SLE(sis)	Comb. SLE (SLO Operativo sism.) 97
98	SLE(sis)	Comb. SLE (SLO Operativo sism.) 98
99	SLE(sis)	Comb. SLE (SLO Operativo sism.) 99
100	SLE(sis)	Comb. SLE (SLO Operativo sism.) 100
101	SLE(sis)	Comb. SLE (SLO Operativo sism.) 101
102	SLE(sis)	Comb. SLE (SLO Operativo sism.) 102
103	SLE(sis)	Comb. SLE (SLO Operativo sism.) 103
104	SLE(sis)	Comb. SLE (SLO Operativo sism.) 104
105	SLE(sis)	Comb. SLE (SLO Operativo sism.) 105
106	SLE(sis)	Comb. SLE (SLO Operativo sism.) 106
107	SLE(sis)	Comb. SLE (SLO Operativo sism.) 107
108	SLE(sis)	Comb. SLE (SLO Operativo sism.) 108
109	SLE(sis)	Comb. SLE (SLO Operativo sism.) 109
110	SLE(sis)	Comb. SLE (SLO Operativo sism.) 110
111	SLE(sis)	Comb. SLE (SLO Operativo sism.) 111
112	SLE(sis)	Comb. SLE (SLO Operativo sism.) 112
113	SLE(sis)	Comb. SLE (SLO Operativo sism.) 113
114	SLE(sis)	Comb. SLE (SLO Operativo sism.) 114
115	SLE(sis)	Comb. SLE (SLO Operativo sism.) 115
116	SLE(sis)	Comb. SLE (SLO Operativo sism.) 116
117	SLE(sis)	Comb. SLE (SLO Operativo sism.) 117
118	SLE(sis)	Comb. SLE (SLO Operativo sism.) 118
119	SLE(sis)	Comb. SLE (SLO Operativo sism.) 119
120	SLE(sis)	Comb. SLE (SLO Operativo sism.) 120
121	SLE(sis)	Comb. SLE (SLO Operativo sism.) 121
122	SLE(sis)	Comb. SLE (SLO Operativo sism.) 122
123	SLE(sis)	Comb. SLE (SLO Operativo sism.) 123
124	SLE(sis)	Comb. SLE (SLO Operativo sism.) 124

[18] CDC=Ed (dinamico SLO) alfa=0.0 (ecc. -)

[illegible]

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	1.50	0.0	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
2	1.30	1.30	1.50	1.50	0.0	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
3	1.30	1.30	1.50	1.50	1.50	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
4	1.30	1.30	1.50	1.50	1.50	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
5	1.00	1.00	0.80	0.80	0.0	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
6	1.00	1.00	0.80	0.80	0.0	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
7	1.00	1.00	0.80	0.80	1.50	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
8	1.00	1.00	0.80	0.80	1.50	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
9	1.30	1.30	1.50	1.50	0.0	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
10	1.30	1.30	1.50	1.50	1.05	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
11	1.30	1.30	1.50	1.50	1.05	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
12	1.00	1.00	0.80	0.80	0.0	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
13	1.00	1.00	0.80	0.80	1.05	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
14	1.00	1.00	0.80	0.80	1.05	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
15	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
16	1.00	1.00	1.00	1.00	0.0	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
17	1.00	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
18	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
19	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
20	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
21	1.00	1.00	1.00	1.00	0.70	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
22	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
23	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
24	1.00	1.00	1.00	1.00	0.0	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
25	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
26	1.00	1.00	1.00	1.00	0.60	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
27	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
28	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
29	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
30	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
31	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
32	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
33	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
34	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
35	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
36	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
37	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
38	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
39	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
40	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
41	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
42	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
43	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
44	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.00	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
45	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
46	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
47	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
48	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
49	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
50	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
51	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
52	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
53	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
54	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.30	0.0	0.0	1.00	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0								
55	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
56	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.30	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
57	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
58	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
59	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
60	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.30	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
61	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
62	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
63	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
64	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
65	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
66	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
67	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
68	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
69	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	-0.30	0.0	0.0	0.0	0.0	0.0								
70	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.30	0.0	0.0	0.0	0.0	0.0								
71	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	-0.30	0.0	0.0	0.0	0.0	0.0								
72	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.30	0.0	0.0	0.0	0.0	0.0								
73	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	-0.30	0.0	0.0	0.0	0.0								
74	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00
	0.0	0.30	0.0	0.0	0.0	0.0								
75	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	-0.30	0.0	0.0	0.0	0.0								
76	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00
	0.0	0.30	0.0	0.0	0.0	0.0								
77	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
78	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
79	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
80	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
81	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	-1.00	0.0	0.0	0.0	0.0	0.0								
82	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	1.00	0.0	0.0	0.0	0.0	0.0								
83	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	-1.00	0.0	0.0	0.0	0.0	0.0								
84	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	1.00	0.0	0.0	0.0	0.0	0.0								
85	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								
86	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.30	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
87	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								
88	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.30	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
89	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	-1.00	0.0	0.0	0.0	0.0								
90	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.30
	0.0	1.00	0.0	0.0	0.0	0.0								

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
91	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	-1.00	0.0	0.0	0.0	0.0								
92	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.30
	0.0	1.00	0.0	0.0	0.0	0.0								
93	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	-0.30	0.0								
94	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.30	0.0								
95	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	-0.30	0.0								
96	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.30	0.0								
97	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.0	-0.30								
98	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.0	0.30								
99	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.0	-0.30								
100	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.0	0.30								
101	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	-0.30	0.0								
102	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.30	0.0								
103	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	-0.30	0.0								
104	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.30	0.0								
105	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.0	-0.30								
106	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.0	0.30								
107	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.0	-0.30								
108	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.0	0.30								
109	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	-1.00	0.0								
110	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	1.00	0.0								
111	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	-1.00	0.0								
112	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	1.00	0.0								
113	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	-1.00	0.0								
114	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	1.00	0.0								
115	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	-1.00	0.0								
116	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	1.00	0.0								
117	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	0.0	-1.00								
118	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.30	0.0	0.0	1.00								
119	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	0.0	-1.00								
120	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.30	0.0	0.0	1.00								
121	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	0.0	-1.00								
122	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.30	0.0	1.00								
123	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	0.0	-1.00								
124	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.30	0.0	1.00								

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

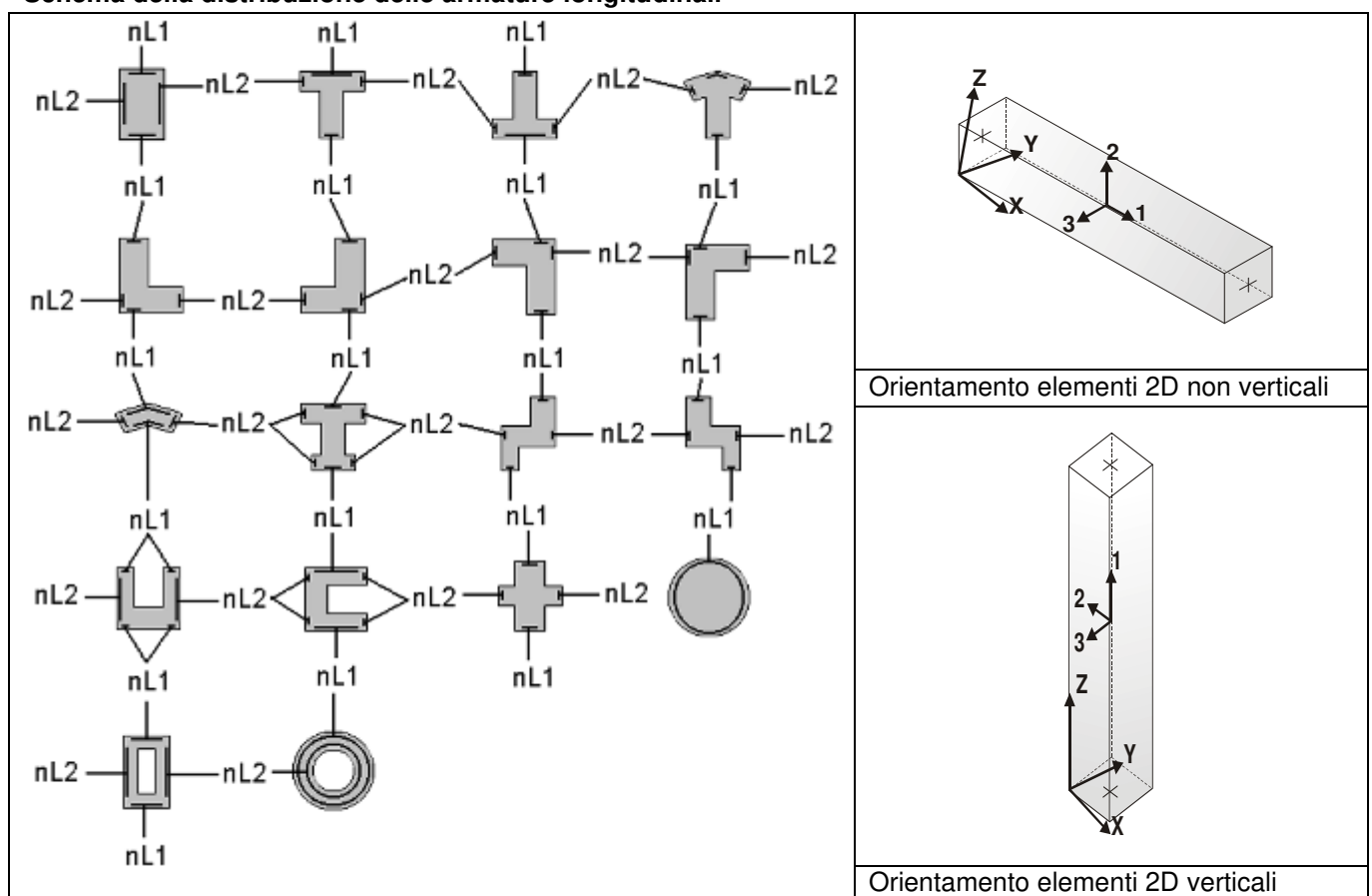
Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovrarresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali



Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezioni (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
sovr. Xi (Xf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29

Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
Bj2 (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
Hjc2 (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V_{jbd} e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: <ul style="list-style-type: none"> • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all'estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all'estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
V _{Ed} , min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{Ed} , max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{r1}	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

					M P= 1	X=0.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
			cm						L=cm			
117	s=4,m=4	ok,ok	0.0	1.77	0.46	4d24 6+6 d22	0.45	0.33	4+4d10/15 L=75	0.66	0.59	34,40,54,55
			205.0	1.77	0.46	4d24 6+6 d22	0.11	0.33	4+4d10/25 L=260	0.67	0.99	55,40,54,55
	[b=1.0;1.0]		410.0	1.77	0.46	4d24 6+6 d22	0.31	0.32	4+4d10/15 L=75	0.67	0.59	34,40,54,55
50	s=4,m=4	ok,ok	410.0	1.77	0.37	4d24 6+6 d22	0.35	0.21	4+4d10/15 L=75	0.67	0.56	54,40,55,55
			615.0	1.77	0.37	4d24 6+6 d22	0.04	0.20	4+4d10/25 L=260	0.67	0.94	4,40,55,55
	[b=1.0;1.0]		820.0	1.77	0.37	4d24 6+6 d22	0.38	0.20	4+4d10/15 L=75	0.67	0.56	34,40,55,55
16	s=4,m=4	ok,ok	820.0	1.77	0.25	4d24 6+6 d22	0.28	0.09	4+4d10/15 L=75	0.59	0.50	54,44,54,55
			1025.0	1.77	0.25	4d24 6+6 d22	0.06	0.09	4+4d10/25 L=260	0.60	0.83	49,44,54,55
	[b=1.0;1.0]		1230.0	1.77	0.25	4d24 6+6 d22	0.40	0.08	4+4d10/15 L=75	0.60	0.50	54,44,54,55
					M P= 2	X=528.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
112	s=4,m=4	ok,ok	0.0	1.77	0.49	4d24 6+6 d22	0.63	0.32	4+4d10/15 L=75	0.71	0.59	35,34,55,55
			205.0	1.77	0.49	4d24 6+6 d22	0.12	0.32	4+4d10/25 L=260	0.71	0.99	55,34,55,55
	[b=1.0;1.0]		410.0	1.77	0.49	4d24 6+6 d22	0.40	0.31	4+4d10/15 L=75	0.71	0.59	35,34,55,55
46	s=4,m=4	ok,ok	410.0	1.69	0.40	4d22 6+6 d22	0.49	0.20	4+4d10/15 L=75	0.70	0.54	35,34,55,55
			615.0	1.69	0.40	4d22 6+6 d22	0.05	0.20	4+4d10/25 L=260	0.70	0.91	4,34,55,55
	[b=1.0;1.0]		820.0	1.69	0.40	4d22 6+6 d22	0.51	0.20	4+4d10/15 L=75	0.70	0.54	35,34,55,55
212	s=4,m=4	ok,ok	820.0	1.69	0.27	4d22 6+6 d22	0.34	0.09	4+4d10/15 L=75	0.63	0.48	35,34,55,55
			1025.0	1.69	0.27	4d22 6+6 d22	0.04	0.09	4+4d10/25 L=260	0.63	0.80	35,34,55,55
	[b=1.0;1.0]		1230.0	1.69	0.27	4d22 6+6 d22	0.42	0.08	4+4d10/15 L=75	0.64	0.48	35,34,55,55
					M P= 3	X=1248.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
96	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.56	0.32	4+4d10/15 L=75	0.66	0.59	35,48,55,55
			205.0	1.77	0.52	4d24 6+6 d22	0.10	0.32	4+4d10/25 L=260	0.67	0.98	47,48,55,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.32	0.31	4+4d10/15 L=75	0.67	0.59	35,48,55,55
33	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.40	0.21	4+4d10/15 L=75	0.67	0.55	35,46,55,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.20	4+4d10/25 L=260	0.67	0.91	4,46,55,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.42	0.20	4+4d10/15 L=75	0.67	0.55	35,46,55,55
169	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.27	0.10	4+4d10/15 L=75	0.61	0.49	35,54,55,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.09	4+4d10/25 L=260	0.61	0.81	54,54,55,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.35	0.09	4+4d10/15 L=75	0.62	0.49	35,54,55,55
					M P= 4	X=1968.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
95	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.56	0.33	4+4d10/15 L=75	0.67	0.59	32,48,55,55
			205.0	1.77	0.52	4d24 6+6 d22	0.11	0.33	4+4d10/25 L=260	0.67	0.98	45,48,55,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.34	0.32	4+4d10/15 L=75	0.67	0.59	35,48,55,55
32	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.42	0.21	4+4d10/15 L=75	0.67	0.55	35,48,55,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.68	0.92	4,48,55,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.43	0.21	4+4d10/15 L=75	0.68	0.55	35,48,55,55
132	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.28	0.10	4+4d10/15 L=75	0.62	0.49	35,48,55,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.09	4+4d10/25 L=260	0.62	0.82	48,48,55,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.36	0.09	4+4d10/15 L=75	0.62	0.49	35,48,55,55
					M P= 5	X=2688.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
172	s=15,m=4	ok,ok	0.0	1.32	0.41	4d24 6+10 d22	0.76	0.20	4+5d10/15 L=120	0.98	0.75	45,50,45,48
			205.0	1.32	0.41	4d24 6+10 d22	0.33	0.19	4+5d10/20 L=170	0.99	1.00	51,50,45,48
	[b=1.0;1.0]		410.0	1.32	0.41	4d24 6+10 d22	0.26	0.19	4+5d10/15 L=120	0.99	0.75	29,50,45,48
63	s=15,m=4	ok,ok	410.0	1.27	0.33	4d22 6+10 d22	0.31	0.13	4+5d10/15 L=120	0.91	0.67	29,50,45,54
			615.0	1.27	0.33	4d22 6+10 d22	0.04	0.12	4+5d10/20 L=170	0.91	0.89	39,50,45,54
	[b=1.0;1.0]		820.0	1.27	0.33	4d22 6+10 d22	0.37	0.12	4+5d10/15 L=120	0.92	0.67	29,50,45,54
2	s=15,m=4	ok,ok	820.0	1.27	0.22	4d22 6+10 d22	0.19	0.06	4+5d10/15 L=120	0.83	0.60	29,50,54,54
			1025.0	1.27	0.22	4d22 6+10 d22	0.16	0.05	4+5d10/20 L=170	0.83	0.81	45,50,54,54
	[b=1.0;1.0]		1230.0	1.27	0.22	4d22 6+10 d22	0.33	0.05	4+5d10/15 L=120	0.83	0.60	29,50,54,54
					M P= 6	X=0.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
124	s=4,m=4	ok,ok	0.0	1.77	0.50	4d24 6+6 d22	0.44	0.44	4+4d10/15 L=75	0.70	0.61	55,60,57,55
			205.0	1.77	0.50	4d24 6+6 d22	0.08	0.43	4+4d10/20 L=260	0.71	0.82	34,60,57,55
	[b=1.0;1.0]		410.0	1.77	0.50	4d24 6+6 d22	0.39	0.43	4+4d10/15 L=75	0.71	0.61	57,60,57,55
55	s=4,m=4	ok,ok	410.0	1.69	0.40	4d22 6+6 d22	0.66	0.27	4+4d10/15 L=75	0.71	0.57	55,60,35,55
			615.0	1.69	0.40	4d22 6+6 d22	0.05	0.27	4+4d10/25 L=260	0.71	0.95	60,60,35,55
	[b=1.0;1.0]		820.0	1.69	0.40	4d22 6+6 d22	0.65	0.26	4+4d10/15 L=75	0.71	0.57	55,60,35,55
129	s=4,m=4	ok,ok	820.0	1.69	0.26	4d22 6+6 d22	0.55	0.12	4+4d10/15 L=75	0.65	0.49	55,60,35,55
			1025.0	1.69	0.26	4d22 6+6 d22	0.04	0.11	4+4d10/25 L=260	0.65	0.82	34,60,35,55
	[b=1.0;1.0]		1230.0	1.69	0.26	4d22 6+6 d22	0.63	0.11	4+4d10/15 L=75	0.65	0.49	55,60,35,55
					M P= 7	X=528.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
111	s=4,m=4	ok,ok	0.0	1.77	0.51	4d24 6+6 d22	0.56	0.35	4+4d10/15 L=75	0.68	0.60	35,54,55,55
			205.0	1.77	0.51	4d24 6+6 d22	0.10	0.34	4+4d10/25 L=260	0.68	0.99	54,54,55,55
	[b=1.0;1.0]		410.0	1.77	0.51	4d24 6+6 d22	0.33	0.34	4+4d10/15 L=75	0.68	0.60	35,54,55,55
45	s=4,m=4	ok,ok	410.0	1.69	0.41	4d22 6+6 d22	0.42	0.23	4+4d10/15 L=75	0.67	0.56	35,54,55,55
			615.0	1.69	0.41	4d22 6+6 d22	0.05	0.22	4+4d10/25 L=260	0.67	0.93	4,54,55,55
	[b=1.0;1.0]		820.0	1.69	0.41	4d22 6+6 d22	0.44	0.22	4+4d10/15 L=75	0.67	0.56	35,54,55,55

209	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.29	0.11	4+4d10/15 L=75	0.61	0.49	35,54,55,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.10	4+4d10/25 L=260	0.61	0.82	55,54,55,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.40	0.10	4+4d10/15 L=75	0.62	0.49	35,54,55,55
					M P= 8	X=1248.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
100	s=4,m=4	ok,ok	0.0	1.77	0.54	4d24 6+6 d22	0.49	0.37	4+4d10/15 L=75	0.65	0.60	35,46,55,55
			205.0	1.77	0.54	4d24 6+6 d22	0.10	0.36	4+4d10/25 L=260	0.65	1.00	46,46,55,55
	[b=1.0;1.0]		410.0	1.77	0.54	4d24 6+6 d22	0.26	0.36	4+4d10/15 L=75	0.65	0.60	35,46,55,55
35	s=4,m=4	ok,ok	410.0	1.69	0.44	4d22 6+6 d22	0.31	0.24	4+4d10/15 L=75	0.64	0.56	35,46,55,55
			615.0	1.69	0.44	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.64	0.94	4,46,55,55
	[b=1.0;1.0]		820.0	1.69	0.44	4d22 6+6 d22	0.34	0.23	4+4d10/15 L=75	0.64	0.56	35,46,55,55
186	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.20	0.11	4+4d10/15 L=75	0.58	0.50	35,46,55,55
			1025.0	1.69	0.31	4d22 6+6 d22	0.04	0.11	4+4d10/25 L=260	0.58	0.83	35,46,55,55
	[b=1.0;1.0]		1230.0	1.69	0.31	4d22 6+6 d22	0.29	0.11	4+4d10/15 L=75	0.58	0.50	35,46,55,55
					M P= 9	X=1968.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
94	s=4,m=4	ok,ok	0.0	1.77	0.55	4d24 6+6 d22	0.48	0.38	4+4d10/15 L=75	0.65	0.60	43,48,55,55
			205.0	1.77	0.55	4d24 6+6 d22	0.11	0.37	4+4d10/20 L=260	0.65	0.80	48,48,55,55
	[b=1.0;1.0]		410.0	1.77	0.55	4d24 6+6 d22	0.28	0.37	4+4d10/15 L=75	0.65	0.60	35,48,55,55
31	s=4,m=4	ok,ok	410.0	1.69	0.45	4d22 6+6 d22	0.33	0.25	4+4d10/15 L=75	0.64	0.57	43,48,55,55
			615.0	1.69	0.45	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.64	0.94	4,48,55,55
	[b=1.0;1.0]		820.0	1.69	0.45	4d22 6+6 d22	0.34	0.24	4+4d10/15 L=75	0.64	0.57	43,48,55,55
123	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.21	0.12	4+4d10/15 L=75	0.59	0.50	35,48,55,55
			1025.0	1.69	0.31	4d22 6+6 d22	0.05	0.11	4+4d10/25 L=260	0.59	0.83	35,48,55,55
	[b=1.0;1.0]		1230.0	1.69	0.31	4d22 6+6 d22	0.30	0.11	4+4d10/15 L=75	0.59	0.50	35,48,55,55
					M P= 10	X=2688.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
42	s=15,m=4	ok,ok	0.0	1.81	0.51	4d24 8+12 d24	0.72	0.31	4+5d10/10 L=120	1.00	0.92	45,50,47,45
			205.0	1.51	0.51	4d24 6+10 d24	0.29	0.31	4+5d10/10 L=290	1.00	0.93	51,50,47,45
	[b=1.0;1.0]		410.0	1.51	0.51	4d24 6+10 d24	0.25	0.30	4+5d10/10 L=290	1.00	0.93	29,50,47,45
84	s=15,m=4	ok,ok	410.0	1.27	0.40	4d22 6+10 d22	0.55	0.19	4+5d10/15 L=120	0.97	0.72	45,50,45,55
			615.0	1.27	0.40	4d22 6+10 d22	0.04	0.19	4+5d10/20 L=170	0.97	0.96	43,50,45,55
	[b=1.0;1.0]		820.0	1.27	0.40	4d22 6+10 d22	0.54	0.18	4+5d10/15 L=120	0.97	0.72	45,50,45,55
23	s=15,m=4	ok,ok	820.0	1.27	0.25	4d22 6+10 d22	0.29	0.08	4+5d10/15 L=120	0.85	0.62	45,50,57,55
			1025.0	1.27	0.25	4d22 6+10 d22	0.12	0.07	4+5d10/20 L=170	0.85	0.82	45,50,57,55
	[b=1.0;1.0]		1230.0	1.27	0.25	4d22 6+10 d22	0.53	0.07	4+5d10/15 L=120	0.85	0.62	45,50,57,55
					M P= 11	X=0.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
125	s=19,m=4	ok,ok	0.0	1.10	0.36	4d24 6+10 d22	0.56	0.21	4+5d10/15 L=120	0.87	0.80	54,35,54,55
			205.0	1.10	0.36	4d24 6+10 d22	0.22	0.20	4+5d10/15 L=170	0.87	0.80	54,35,54,55
	[b=1.0;1.0]		410.0	1.10	0.36	4d24 6+10 d22	0.21	0.20	4+5d10/15 L=120	0.87	0.80	30,35,54,55
56	s=19,m=4	ok,ok	410.0	1.06	0.29	4d22 6+10 d22	0.47	0.13	4+5d10/15 L=120	0.79	0.74	57,35,57,55
			615.0	1.06	0.29	4d22 6+10 d22	0.04	0.13	4+5d10/20 L=170	0.80	0.98	47,35,57,55
	[b=1.0;1.0]		820.0	1.06	0.29	4d22 6+10 d22	0.43	0.12	4+5d10/15 L=120	0.80	0.74	57,35,57,55
163	s=19,m=4	ok,ok	820.0	1.06	0.20	4d22 6+10 d22	0.26	0.05	4+5d10/15 L=120	0.70	0.63	55,35,57,55
			1025.0	1.06	0.20	4d22 6+10 d22	0.12	0.05	4+5d10/20 L=170	0.70	0.84	57,35,57,55
	[b=1.0;1.0]		1230.0	1.06	0.20	4d22 6+10 d22	0.51	0.05	4+5d10/15 L=120	0.70	0.63	57,35,57,55
					M P= 12	X=528.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
109	s=19,m=4	ok,ok	0.0	1.10	0.38	4d24 6+10 d22	0.74	0.19	4+5d10/15 L=120	0.88	0.80	44,57,60,55
			205.0	1.10	0.38	4d24 6+10 d22	0.28	0.19	4+5d10/15 L=170	0.89	0.80	55,57,60,55
	[b=1.0;1.0]		410.0	1.10	0.38	4d24 6+10 d22	0.34	0.18	4+5d10/15 L=120	0.89	0.80	44,57,60,55
43	s=19,m=4	ok,ok	410.0	1.06	0.31	4d22 6+10 d22	0.37	0.13	4+5d10/15 L=120	0.82	0.73	44,57,60,55
			615.0	1.06	0.31	4d22 6+10 d22	0.04	0.12	4+5d10/20 L=170	0.82	0.98	41,57,60,55
	[b=1.0;1.0]		820.0	1.06	0.31	4d22 6+10 d22	0.44	0.12	4+5d10/15 L=120	0.82	0.73	44,57,60,55
206	s=19,m=4	ok,ok	820.0	1.06	0.22	4d22 6+10 d22	0.23	0.06	4+5d10/15 L=120	0.73	0.64	44,57,60,55
			1025.0	1.06	0.22	4d22 6+10 d22	0.10	0.06	4+5d10/20 L=170	0.73	0.85	60,57,60,55
	[b=1.0;1.0]		1230.0	1.06	0.22	4d22 6+10 d22	0.39	0.05	4+5d10/15 L=120	0.73	0.64	44,57,60,55
					M P= 13	X=1248.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
102	s=4,m=4	ok,ok	0.0	1.77	0.54	4d24 6+6 d22	0.48	0.36	4+4d10/15 L=75	0.64	0.60	44,45,60,55
			205.0	1.77	0.54	4d24 6+6 d22	0.10	0.36	4+4d10/25 L=260	0.65	1.00	47,45,60,55
	[b=1.0;1.0]		410.0	1.77	0.54	4d24 6+6 d22	0.27	0.35	4+4d10/15 L=75	0.65	0.60	44,45,60,55
37	s=4,m=4	ok,ok	410.0	1.69	0.44	4d22 6+6 d22	0.32	0.24	4+4d10/15 L=75	0.63	0.56	44,45,60,55
			615.0	1.69	0.44	4d22 6+6 d22	0.06	0.23	4+4d10/25 L=260	0.64	0.94	4,45,60,55
	[b=1.0;1.0]		820.0	1.69	0.44	4d22 6+6 d22	0.35	0.23	4+4d10/15 L=75	0.64	0.56	44,45,60,55
190	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.20	0.11	4+4d10/15 L=75	0.58	0.50	43,45,60,55
			1025.0	1.69	0.31	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.58	0.83	60,45,60,55
	[b=1.0;1.0]		1230.0	1.69	0.31	4d22 6+6 d22	0.29	0.10	4+4d10/15 L=75	0.58	0.50	44,45,60,55
					M P= 14	X=1968.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
91	s=4,m=4	ok,ok	0.0	1.77	0.55	4d24 6+6 d22	0.48	0.38	4+4d10/15 L=75	0.64	0.60	39,51,60,55
			205.0	1.77	0.55	4d24 6+6 d22	0.11	0.37	4+4d10/20 L=260	0.64	0.80	45,51,60,55
	[b=1.0;1.0]		410.0	1.77	0.55	4d24 6+6 d22	0.28	0.37	4+4d10/15 L=75	0.65	0.60	44,51,60,55
28	s=4,m=4	ok,ok	410.0	1.69	0.45	4d22 6+6 d22	0.32	0.25	4+4d10/15 L=75	0.63	0.57	44,51,60,55

			615.0	1.69	0.45	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.64	0.94	4,51,60,55
	[b=1.0;1.0]		820.0	1.69	0.45	4d22 6+6 d22	0.34	0.24	4+4d10/15 L=75	0.64	0.57	44,51,60,55
60	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.20	0.12	4+4d10/15 L=75	0.58	0.50	43,51,55,55
			1025.0	1.69	0.31	4d22 6+6 d22	0.05	0.11	4+4d10/25 L=260	0.58	0.83	43,51,55,55
	[b=1.0;1.0]		1230.0	1.69	0.31	4d22 6+6 d22	0.28	0.11	4+4d10/15 L=75	0.58	0.50	43,51,55,55
					M P= 15 X=2688.0 Y=1020.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
178	s=15,m=4	ok,ok	0.0	1.81	0.51	4d24 8+12 d24	0.71	0.31	4+5d10/10 L=120	1.00	0.92	50,45,48,50
			205.0	1.51	0.51	4d24 6+10 d24	0.29	0.31	4+5d10/10 L=290	1.00	0.93	48,45,48,50
	[b=1.0;1.0]		410.0	1.51	0.51	4d24 6+10 d24	0.25	0.30	4+5d10/10 L=290	1.00	0.93	38,45,48,50
85	s=15,m=4	ok,ok	410.0	1.27	0.40	4d22 6+10 d22	0.54	0.19	4+5d10/15 L=120	0.97	0.72	50,45,50,55
			615.0	1.27	0.40	4d22 6+10 d22	0.04	0.19	4+5d10/20 L=170	0.97	0.96	40,45,50,55
	[b=1.0;1.0]		820.0	1.27	0.40	4d22 6+10 d22	0.54	0.18	4+5d10/15 L=120	0.97	0.72	50,45,50,55
24	s=15,m=4	ok,ok	820.0	1.27	0.25	4d22 6+10 d22	0.29	0.08	4+5d10/15 L=120	0.85	0.62	46,45,54,55
			1025.0	1.27	0.25	4d22 6+10 d22	0.12	0.07	4+5d10/20 L=170	0.86	0.82	48,45,54,55
	[b=1.0;1.0]		1230.0	1.27	0.25	4d22 6+10 d22	0.53	0.07	4+5d10/15 L=120	0.86	0.62	50,45,54,55
					M P= 16 X=0.0 Y=1581.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
126	s=19,m=4	ok,ok	0.0	1.10	0.34	4d24 6+10 d22	0.61	0.20	4+5d10/15 L=120	0.91	0.82	57,55,60,57
			205.0	1.10	0.34	4d24 6+10 d22	0.31	0.20	4+5d10/15 L=170	0.91	0.82	55,55,60,57
	[b=1.0;1.0]		410.0	1.10	0.34	4d24 6+10 d22	0.14	0.19	4+5d10/15 L=120	0.91	0.82	41,55,60,57
57	s=19,m=4	ok,ok	410.0	1.06	0.28	4d22 6+10 d22	0.32	0.13	4+5d10/15 L=120	0.81	0.73	60,55,60,57
			615.0	1.06	0.28	4d22 6+10 d22	0.04	0.13	4+5d10/20 L=170	0.81	0.98	41,55,60,57
	[b=1.0;1.0]		820.0	1.06	0.28	4d22 6+10 d22	0.30	0.12	4+5d10/15 L=120	0.81	0.73	60,55,60,57
86	s=19,m=4	ok,ok	820.0	1.06	0.18	4d22 6+10 d22	0.11	0.06	4+5d10/15 L=120	0.70	0.63	43,55,57,55
			1025.0	1.06	0.18	4d22 6+10 d22	0.11	0.05	4+5d10/20 L=170	0.71	0.85	44,55,57,55
	[b=1.0;1.0]		1230.0	1.06	0.18	4d22 6+10 d22	0.30	0.05	4+5d10/15 L=120	0.71	0.63	60,55,57,55
					M P= 17 X=528.0 Y=1740.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
254	s=25,m=4	ok,ok	0.0	1.82	0.40	4d24 8+24 d24	0.68	0.14	4+8d12/12 L=222	1.00	0.95	60,57,46,60
			205.0	1.82	0.40	4d24 8+24 d24	0.39	0.14	4+8d12/12 L=222	1.00	0.95	55,57,56,60
	[b=1.0;1.0]		410.0	1.82	0.40	4d24 8+24 d24	0.25	0.13	4+8d12/12 L=187	1.00	0.96	44,57,47,60
160	s=23,m=4	ok,ok	410.0	1.14	0.32	4d24 6+16 d22	0.40	0.09	4+6d12/15 L=180	1.00	0.54	44,57,60,60
			615.0	1.14	0.32	4d24 6+16 d22	0.05	0.09	4+6d12/25 L=50	1.00	0.91	45,57,60,60
	[b=1.0;1.0]		820.0	1.14	0.32	4d24 6+16 d22	0.45	0.08	4+6d12/15 L=180	1.00	0.55	44,57,60,60
247	s=23,m=4	ok,ok	820.0	1.14	0.22	4d24 6+16 d22	0.25	0.04	4+6d12/15 L=180	0.95	0.49	44,57,60,55
			1025.0	1.14	0.22	4d24 6+16 d22	0.09	0.04	4+6d12/25 L=50	0.96	0.82	60,57,60,55
	[b=1.0;1.0]		1230.0	1.14	0.22	4d24 6+16 d22	0.39	0.03	4+6d12/15 L=180	0.96	0.49	44,57,60,55
					M P= 18 X=1248.0 Y=1740.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
8	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.55	0.33	4+4d10/15 L=75	0.67	0.59	44,57,60,55
			205.0	1.77	0.52	4d24 6+6 d22	0.10	0.32	4+4d10/25 L=260	0.67	0.98	46,57,60,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.34	0.32	4+4d10/15 L=75	0.68	0.59	44,57,60,55
38	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.41	0.21	4+4d10/15 L=75	0.67	0.55	44,57,60,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.67	0.92	4,57,60,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.44	0.20	4+4d10/15 L=75	0.68	0.55	44,57,60,55
191	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.28	0.10	4+4d10/15 L=75	0.62	0.49	44,57,60,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.09	0.09	4+4d10/25 L=260	0.62	0.82	51,57,60,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.36	0.09	4+4d10/15 L=75	0.62	0.49	44,57,60,55
					M P= 19 X=1968.0 Y=1740.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
89	s=4,m=4	ok,ok	0.0	1.77	0.53	4d24 6+6 d22	0.54	0.33	4+4d10/15 L=75	0.66	0.59	39,39,60,55
			205.0	1.77	0.53	4d24 6+6 d22	0.11	0.33	4+4d10/25 L=260	0.66	0.98	48,39,60,55
	[b=1.0;1.0]		410.0	1.77	0.53	4d24 6+6 d22	0.33	0.32	4+4d10/15 L=75	0.66	0.59	44,39,60,55
27	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.40	0.21	4+4d10/15 L=75	0.66	0.55	44,51,60,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.66	0.92	4,51,60,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.42	0.21	4+4d10/15 L=75	0.67	0.55	44,51,60,55
36	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.26	0.10	4+4d10/15 L=75	0.60	0.49	44,51,60,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.09	4+4d10/25 L=260	0.61	0.82	51,51,60,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.34	0.09	4+4d10/15 L=75	0.61	0.49	44,51,60,55
					M P= 20 X=2688.0 Y=1740.0							
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
88	s=15,m=4	ok,ok	0.0	1.32	0.41	4d24 6+10 d22	0.75	0.20	4+5d10/15 L=120	0.98	0.74	50,45,50,51
			205.0	1.32	0.41	4d24 6+10 d22	0.33	0.19	4+5d10/20 L=170	0.98	0.99	48,45,50,51
	[b=1.0;1.0]		410.0	1.32	0.41	4d24 6+10 d22	0.26	0.19	4+5d10/15 L=120	0.99	0.74	38,45,50,51
26	s=15,m=4	ok,ok	410.0	1.27	0.33	4d22 6+10 d22	0.31	0.13	4+5d10/15 L=120	0.91	0.67	38,45,50,57
			615.0	1.27	0.33	4d22 6+10 d22	0.05	0.12	4+5d10/20 L=170	0.92	0.90	32,45,50,57
	[b=1.0;1.0]		820.0	1.27	0.33	4d22 6+10 d22	0.37	0.12	4+5d10/15 L=120	0.92	0.67	38,45,50,57
25	s=15,m=4	ok,ok	820.0	1.27	0.22	4d22 6+10 d22	0.20	0.06	4+5d10/15 L=120	0.83	0.60	38,45,57,57
			1025.0	1.27	0.22	4d22 6+10 d22	0.16	0.05	4+5d10/20 L=170	0.83	0.81	50,45,57,57
	[b=1.0;1.0]		1230.0	1.27	0.22	4d22 6+10 d22	0.34	0.05	4+5d10/15 L=120	0.83	0.60	38,45,57,57
Pilas.				%Af	r. snell.		V N/M	V N sis		V V/T cls	V V/T acc	
				1.82	0.55		0.76	0.44		1.00	1.00	

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
					kN m	kN m	kN m	kN m	cm	kN	kN
2	3.05	0.0	6.31	0.0	667.43	656.45	1705.15	1680.59	330.00	444.96	1136.77
8	0.0	1.59	0.0	11.10	803.88	800.47	803.88	800.47	330.00	535.92	535.92
16	1.41	0.0	3.17	0.0	671.92	665.24	671.92	665.24	330.00	447.95	447.95
23	2.71	0.0	2.74	0.0	690.78	680.63	1758.70	1734.62	330.00	460.52	1172.47
24	2.72	0.0	2.75	0.0	690.94	680.81	1759.08	1735.01	330.00	460.63	1172.72
25	3.05	0.0	6.32	0.0	667.83	656.86	1706.05	1681.50	330.00	445.22	1137.37
26	2.62	3.05	6.70	6.32	744.73	735.26	1885.46	1865.71	330.00	496.49	1256.97
27	1.45	1.45	11.17	10.08	725.86	720.49	725.86	720.49	330.00	483.91	483.91
28	1.87	1.90	5.59	5.06	745.47	740.35	745.47	740.35	330.00	496.98	496.98
31	1.87	1.90	5.58	5.06	744.53	739.39	744.53	739.39	330.00	496.35	496.35
32	1.44	1.44	11.15	10.07	725.99	720.62	725.99	720.62	330.00	483.99	483.99
33	1.61	1.45	11.20	10.10	722.45	717.04	722.45	717.04	330.00	481.63	481.63
35	2.09	1.90	5.59	5.06	740.98	735.79	740.98	735.79	330.00	493.98	493.98
36	1.45	0.0	10.08	0.0	653.85	647.21	653.85	647.21	330.00	435.90	435.90
37	2.09	1.90	5.59	5.06	740.19	735.00	740.19	735.00	330.00	493.46	493.46
38	1.59	1.44	11.10	10.02	725.05	719.66	725.05	719.66	330.00	483.36	483.36
42	0.0	2.87	0.0	2.67	1106.51	999.83	2765.59	2455.74	330.00	737.67	1843.72
43	2.15	2.41	14.73	13.43	977.16	962.90	1998.27	1970.05	330.00	651.44	1332.18
45	2.01	1.83	5.35	4.89	733.30	728.02	733.30	728.02	330.00	488.87	488.87
46	1.54	1.41	10.73	9.80	719.97	714.53	719.97	714.53	330.00	479.98	479.98
50	1.34	1.41	3.33	3.17	747.58	742.17	747.58	742.17	330.00	498.38	498.38
55	1.74	1.69	1.49	1.45	757.47	753.90	757.47	753.90	330.00	504.98	504.98
56	2.01	2.33	3.57	2.80	983.95	969.72	2011.63	1983.57	330.00	655.97	1341.09
57	2.32	2.19	6.46	5.40	984.42	970.18	2012.54	1984.49	330.00	656.28	1341.69
60	1.90	0.0	5.06	0.0	666.83	660.96	666.83	660.96	330.00	444.56	444.56
63	2.61	3.05	6.69	6.31	743.68	734.21	1883.27	1863.52	330.00	495.79	1255.51
84	2.87	2.71	2.67	2.74	810.41	801.31	2022.19	2003.29	330.00	540.28	1348.13
85	2.88	2.72	2.68	2.75	810.95	801.85	2023.30	2004.41	330.00	540.63	1348.87
86	2.19	0.0	5.40	0.0	856.76	840.02	1776.20	1745.84	330.00	571.17	1184.14
88	0.0	2.62	0.0	6.70	835.22	826.17	2094.38	2075.61	330.00	556.81	1396.26
89	0.0	1.45	0.0	11.17	804.73	801.32	804.73	801.32	330.00	536.49	536.49
91	0.0	1.87	0.0	5.59	822.13	818.90	822.13	818.90	330.00	548.09	548.09
94	0.0	1.87	0.0	5.58	821.32	818.08	821.32	818.08	330.00	547.55	547.55
95	0.0	1.44	0.0	11.15	804.90	801.50	804.90	801.50	330.00	536.60	536.60
96	0.0	1.61	0.0	11.20	800.86	797.42	800.86	797.42	330.00	533.91	533.91
100	0.0	2.09	0.0	5.59	817.47	814.19	817.47	814.19	330.00	544.98	544.98
102	0.0	2.09	0.0	5.59	816.82	813.53	816.82	813.53	330.00	544.55	544.55
109	0.0	2.15	0.0	14.73	1103.59	1089.89	2237.87	2214.49	330.00	735.73	1491.92
111	0.0	2.01	0.0	5.35	811.17	807.82	811.17	807.82	330.00	540.78	540.78
112	0.0	1.54	0.0	10.73	801.66	798.23	801.66	798.23	330.00	534.44	534.44
117	0.0	1.34	0.0	3.33	804.91	801.50	804.91	801.50	330.00	536.60	536.60
123	1.90	0.0	5.06	0.0	666.29	660.41	666.29	660.41	330.00	444.20	444.20
124	0.0	1.74	0.0	1.49	841.78	838.82	841.78	838.82	330.00	561.19	561.19
125	0.0	2.01	0.0	3.57	1122.92	1110.20	2272.24	2249.14	330.00	748.61	1514.83
126	0.0	2.32	0.0	6.46	1118.01	1104.80	2263.12	2239.95	330.00	745.34	1508.75
129	1.69	0.0	1.45	0.0	664.96	659.08	664.96	659.08	330.00	443.31	443.31
132	1.44	0.0	10.07	0.0	653.87	647.24	653.87	647.24	330.00	435.92	435.92
160	2.56	2.18	31.22	27.24	972.53	956.28	3680.01	3627.53	380.00	563.04	2130.53
163	2.33	0.0	2.80	0.0	851.04	834.27	1765.84	1735.39	330.00	567.36	1177.22
169	1.45	0.0	10.10	0.0	651.70	645.06	651.70	645.06	330.00	434.47	434.47
172	0.0	2.61	0.0	6.69	833.47	824.40	2090.75	2071.94	330.00	555.65	1393.83
178	0.0	2.88	0.0	2.68	1107.29	1000.54	2767.46	2457.45	330.00	738.20	1844.97
186	1.90	0.0	5.06	0.0	664.00	658.11	664.00	658.11	330.00	442.67	442.67
190	1.90	0.0	5.06	0.0	663.38	657.48	663.38	657.48	330.00	442.25	442.25
191	1.44	0.0	10.02	0.0	652.74	646.10	652.74	646.10	330.00	435.16	435.16
206	2.41	0.0	13.43	0.0	861.08	844.38	1784.05	1753.74	330.00	574.05	1189.36
209	1.83	0.0	4.89	0.0	659.29	653.17	659.29	653.17	330.00	439.53	439.53
212	1.41	0.0	9.80	0.0	647.57	640.91	647.57	640.91	330.00	431.71	431.71
247	2.18	0.0	27.24	0.0	882.98	866.23	3389.47	3334.82	380.00	511.20	1962.33
254	0.0	2.56	0.0	31.22	1475.61	1460.92	5345.35	5306.79	390.00	828.25	3004.45
Pilas.					M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f		V M2-2	V M3-3
					1475.61	1460.92	5345.35	5306.79		828.25	3004.45

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
			2-2	3-3	Stato
2	0.04	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
8	0.21	0.11	0.64	0.64	ok
	0.21	0.11	0.61	0.61	ok
16	0.06	0.11	0.0	0.0	ok
	0.05	0.11	0.0	0.0	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
23	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
24	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
25	0.04	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
26	0.08	0.10	0.02	0.07	ok
	0.08	0.10	0.0	0.04	ok
27	0.14	0.11	0.31	0.31	ok
	0.13	0.11	0.28	0.28	ok
28	0.16	0.11	0.41	0.41	ok
	0.16	0.11	0.38	0.38	ok
31	0.16	0.11	0.40	0.40	ok
	0.15	0.11	0.37	0.37	ok
32	0.14	0.11	0.31	0.31	ok
	0.13	0.11	0.28	0.28	ok
33	0.14	0.11	0.29	0.29	ok
	0.13	0.11	0.26	0.26	ok
35	0.16	0.11	0.38	0.38	ok
	0.15	0.11	0.36	0.36	ok
36	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
37	0.16	0.11	0.38	0.38	ok
	0.15	0.11	0.35	0.35	ok
38	0.14	0.11	0.30	0.30	ok
	0.13	0.11	0.28	0.28	ok
42	0.20	0.16	0.35	0.42	ok
	0.20	0.16	0.33	0.40	ok
43	0.08	0.09	0.02	0.06	ok
	0.08	0.09	0.0	0.03	ok
45	0.15	0.11	0.34	0.34	ok
	0.14	0.11	0.32	0.32	ok
46	0.13	0.11	0.28	0.28	ok
	0.13	0.11	0.25	0.25	ok
50	0.14	0.11	0.29	0.29	ok
	0.13	0.11	0.26	0.26	ok
55	0.18	0.11	0.48	0.48	ok
	0.17	0.11	0.45	0.45	ok
56	0.09	0.09	0.04	0.07	ok
	0.08	0.09	7.13e-03	0.04	ok
57	0.09	0.09	0.04	0.07	ok
	0.08	0.09	8.08e-03	0.04	ok
60	0.08	0.11	0.03	0.03	ok
	0.07	0.11	0.0	0.0	ok
63	0.08	0.10	0.02	0.07	ok
	0.08	0.10	0.0	0.04	ok
84	0.12	0.10	0.22	0.29	ok
	0.12	0.10	0.19	0.26	ok
85	0.12	0.10	0.22	0.29	ok
	0.12	0.10	0.19	0.26	ok
86	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
88	0.13	0.10	0.23	0.31	ok
	0.12	0.10	0.21	0.28	ok
89	0.21	0.11	0.65	0.65	ok
	0.21	0.11	0.62	0.62	ok
91	0.25	0.11	0.79	0.79	ok
	0.24	0.11	0.76	0.76	ok
94	0.24	0.11	0.78	0.78	ok
	0.24	0.11	0.75	0.75	ok
95	0.22	0.11	0.65	0.65	ok
	0.21	0.11	0.62	0.62	ok
96	0.21	0.11	0.62	0.62	ok
	0.20	0.11	0.59	0.59	ok
100	0.24	0.11	0.75	0.75	ok
	0.23	0.11	0.72	0.72	ok
102	0.24	0.11	0.74	0.74	ok
	0.23	0.11	0.72	0.72	ok
109	0.13	0.09	0.24	0.29	ok
	0.12	0.09	0.21	0.26	ok
111	0.23	0.11	0.70	0.70	ok
	0.22	0.11	0.67	0.67	ok
112	0.21	0.11	0.62	0.62	ok
	0.20	0.11	0.60	0.60	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
117	0.22	0.11	0.65	0.65	ok
	0.21	0.11	0.62	0.62	ok
123	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
124	0.28	0.11	0.96	0.96	ok
	0.28	0.11	0.93	0.93	ok
125	0.13	0.09	0.28	0.34	ok
	0.13	0.09	0.25	0.31	ok
126	0.13	0.09	0.27	0.33	ok
	0.13	0.09	0.24	0.29	ok
129	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
132	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
160	0.06	0.13	0.0	0.0	ok
	0.05	0.13	0.0	0.0	ok
163	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
169	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
172	0.13	0.10	0.23	0.30	ok
	0.12	0.10	0.20	0.27	ok
178	0.20	0.16	0.35	0.42	ok
	0.20	0.16	0.34	0.41	ok
186	0.07	0.11	0.01	0.01	ok
	0.07	0.11	0.0	0.0	ok
190	0.07	0.11	0.01	0.01	ok
	0.07	0.11	0.0	0.0	ok
191	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
206	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
209	0.07	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
212	0.06	0.11	0.0	0.0	ok
	0.05	0.11	0.0	0.0	ok
247	0.03	0.13	0.0	0.0	ok
	0.02	0.13	0.0	0.0	ok
254	0.09	0.19	0.03	0.06	ok
	0.09	0.19	0.01	0.05	ok
			2-2	3-3	
			0.96	0.96	

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
				mm	cm		cm	cm		cm	cm				
9	NO	ok	46	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,35
12	NO	ok	212	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
19	NO	ok	16	12	8.0	4	60.0	47.2	4	60.0	47.2	0.5	0.9	NO	29,29
20	SI	ok	129	12	15.0	4	60.0	47.4	4	60.0	47.4	0.5	0.8	NO	45,45
26	NO	ok	163	12	12.5	4	60.0	107.4	5	80.0	47.4	0.3	1.0	NO	29,29
28	NO	ok	86	12	15.0	4	60.0	107.4	5	68.3	47.4	0.3	1.0	NO	29,29
35	NO	ok	63	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	44,39
38	NO	ok	84	12	8.0	4	50.0	107.4	5	75.0	37.4	0.4	0.9	SI	32,55
41	SI	ok	102	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.9	NO	29,42
42	NO	ok	8	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	34,44
45	NO	ok	254	12	12.5	2	80.0	166.2	8	63.3	37.2	0.8	0.8	NO	34,44
46	NO	ok	85	12	8.0	4	50.0	107.4	5	75.0	37.4	0.4	0.9	SI	39,60
47	NO	ok	26	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	35,32
54	NO	ok	27	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	34,38
55	SI	ok	28	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	33,38
61	SI	ok	31	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	38,29
68	SI	ok	35	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	41,31
72	NO	ok	109	12	8.0	4	80.0	107.2	5	80.0	47.2	0.5	1.0	NO	29,44
74	SI	ok	111	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.9	NO	30,35
75	NO	ok	112	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	38,35
76	NO	ok	117	12	5.0	4	60.0	47.2	4	60.0	47.2	0.7	0.6	NO	44,37
77	SI	ok	124	12	15.0	4	60.0	47.2	4	60.0	47.2	0.6	0.9	NO	48,41
78	NO	ok	125	12	8.0	4	60.0	107.2	5	80.0	47.2	0.5	1.0	NO	35,34
79	NO	ok	126	12	12.5	4	60.0	107.2	5	68.3	47.2	0.4	0.9	NO	35,34
82	SI	ok	37	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,32
83	NO	ok	50	12	8.0	4	60.0	47.2	4	60.0	47.2	0.6	1.0	NO	44,41
88	NO	ok	38	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	34,44

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
91	SI	ok	55	12	15.0	4	60.0	47.4	4	60.0	47.4	0.5	0.9	NO	44,41
93	NO	ok	247	12	12.5	2	80.0	166.2	6	63.3	37.2	0.6	0.9	NO	29,29
94	NO	ok	160	12	10.0	2	80.0	166.2	6	63.3	37.2	0.7	0.8	NO	34,44
97	NO	ok	56	12	8.0	4	60.0	107.4	5	80.0	47.4	0.4	0.8	NO	35,34
104	NO	ok	57	12	12.5	4	60.0	107.4	5	68.3	47.4	0.4	0.9	NO	31,34
111	NO	ok	32	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,29
126	NO	ok	33	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,35
153	SI	ok	45	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	SI	38,51
156	NO	ok	172	12	15.0	4	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	44,39
157	NO	ok	42	12	8.0	4	50.0	107.2	5	75.0	37.2	0.4	1.0	SI	32,47
158	NO	ok	178	12	8.0	4	50.0	107.2	5	75.0	37.2	0.4	0.9	SI	39,52
159	NO	ok	88	12	15.0	4	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	35,32
160	NO	ok	89	12	8.0	4	60.0	47.2	4	90.0	47.2	0.7	1.0	NO	34,38
161	SI	ok	91	12	15.0	4	60.0	47.2	4	90.0	47.2	0.6	1.0	NO	29,38
162	SI	ok	94	12	15.0	4	60.0	47.2	4	90.0	47.2	0.6	1.0	NO	38,29
163	NO	ok	95	12	8.0	4	60.0	47.2	4	90.0	47.2	0.7	1.0	NO	38,29
164	NO	ok	96	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	41,31
185	NO	ok	43	12	10.0	4	80.0	107.4	5	80.0	47.4	0.4	1.0	NO	29,44
186	SI	ok	100	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.9	NO	30,41
193	NO	ok	2	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	29,39
194	NO	ok	23	12	10.0	4	50.0	107.4	5	75.0	37.4	0.3	0.8	SI	45,45
195	NO	ok	24	12	10.0	4	50.0	107.4	5	75.0	37.4	0.3	0.8	SI	45,45
196	NO	ok	25	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	29,32
197	NO	ok	36	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
198	SI	ok	60	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
199	SI	ok	123	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
200	NO	ok	132	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
201	NO	ok	169	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
202	SI	ok	186	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
203	SI	ok	190	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
204	NO	ok	191	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
206	NO	ok	206	12	10.0	4	80.0	107.4	5	80.0	47.4	0.3	0.9	NO	29,29
207	SI	ok	209	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
Nodo					Passo							V. 7.4.8	V. Ash		
					5.00							0.75	1.00		

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M T= 16	Z=410.0	P=16	P=20	Staffe	Rif. cmb
		cm					x/d	V N/M	V V/T cls	V V/T acc	L=cm	
205	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.32e-03	0.83	0.61	2d10/15 L=190	50,55,60
	s=21,m=4	110.0	0.48	11.4	15.2	1.6	0.10	0.23	0.84	0.62	2d10/15 L=190	4,55,60
		220.0	0.48	11.4	15.2	1.6	0.10	0.53	0.91	0.69	2d10/15 L=190	4,55,60
177	ok,ok	0.0	0.48	11.4	15.2	1.6	0.10	0.92	0.40	0.45	2d10/15 L=81	44,38,60
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.24	0.27	0.50	2d10/25 L=313	3,38,60
		551.4	0.59	11.4	19.0	1.6	0.12	0.68	0.44	0.50	2d10/25 L=284	44,38,60
69	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.92	0.44	0.53	2d10/15 L=75	44,55,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.25	0.34	2d10/20 L=505	3,55,60
		720.0	0.48	15.2	19.0	1.6	0.10	0.93	0.42	0.51	2d10/15 L=80	41,55,60
179	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.89	0.42	0.51	2d10/15 L=80	39,55,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.25	0.34	2d10/20 L=500	4,55,60
		720.0	0.57	15.2	22.8	1.6	0.11	0.72	0.44	0.53	2d10/15 L=80	41,55,60
180	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.84	0.44	0.54	2d10/15 L=80	44,54,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.48	0.25	0.35	2d10/20 L=480	3,54,60
		720.0	0.48	15.2	19.0	1.6	0.10	0.91	0.43	0.52	2d10/15 L=80	41,54,60
							M T= 22	Z=410.0	P=6	P=10		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
92	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	6.68e-03	0.66	0.53	2d10/12 L=190	55,57,60
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.30	0.71	0.59	2d10/12 L=190	3,57,60
		220.0	0.54	11.4	19.0	1.6	0.12	0.46	0.78	0.67	2d10/12 L=190	3,57,60
107	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.92	0.53	0.53	2d10/15 L=70	35,55,60
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.30	0.37	0.38	2d10/20 L=328	3,55,60
		528.0	0.54	11.4	19.0	1.6	0.12	0.84	0.53	0.53	2d10/15 L=70	34,55,60
120	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.88	0.41	0.53	2d10/15 L=70	35,55,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.71	0.19	0.27	2d10/20 L=520	4,54,60
		720.0	0.54	11.4	19.0	1.6	0.12	0.87	0.41	0.53	2d10/15 L=70	42,55,60
119	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.94	0.42	0.53	2d10/15 L=70	35,55,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.22	0.30	2d10/20 L=520	3,55,60
		720.0	0.65	11.4	22.8	1.6	0.14	0.72	0.44	0.56	2d10/15 L=70	34,55,60
115	ok,ok	0.0	0.65	11.4	22.8	1.6	0.14	0.85	0.44	0.56	2d10/15 L=70	35,54,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.77	0.22	0.30	2d10/20 L=525	4,54,60
		720.0	0.54	11.4	19.0	1.6	0.12	0.94	0.43	0.53	2d10/15 L=70	34,54,60

							M T= 23	Z=410.0	P=1	P=16		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
105	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.89	0.23	0.26	2d10/15 L=80	54,60,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.18	0.19	0.27	2d10/20 L=500	55,60,60
		720.0	0.38	15.2	15.2	1.6	0.09	0.70	0.23	0.26	2d10/15 L=80	55,60,60
97	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.80	0.60	0.74	2d10/15 L=210	54,38,60
	s=5,m=4	150.0	0.48	19.0	19.0	1.6	0.10	0.28	0.58	0.72	2d10/15 L=210	55,38,60
		300.0	0.48	19.0	19.0	1.6	0.10	0.97	0.60	0.74	2d10/15 L=210	55,38,60
93	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.92	0.35	0.44	2d10/15 L=80	54,60,60
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.33	0.53	2d10/20 L=221	54,60,60
		561.0	0.38	15.2	15.2	1.6	0.09	0.92	0.35	0.44	2d10/15 L=80	55,60,60
							M T= 25	Z=410.0	P=11	P=15		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
197	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.88	0.59	2d10/12 L=190	35,54,60
	s=6,m=4	110.0	0.65	11.4	22.8	1.6	0.14	0.20	0.94	0.66	2d10/12 L=190	4,54,60
		220.0	0.65	15.2	22.8	1.6	0.13	0.45	1.00	0.73	2d10/12 L=190	4,54,60
106	ok,ok	0.0	0.65	15.2	22.8	1.6	0.13	0.89	0.48	0.58	2d10/15 L=70	44,45,60
	s=6,m=4	264.0	0.65	11.4	22.8	1.6	0.10	0.29	0.33	0.48	2d10/20 L=328	3,45,60
		528.0	0.65	15.2	22.8	1.6	0.13	0.87	0.48	0.59	2d10/15 L=70	41,45,60
114	ok,ok	0.0	0.65	15.2	22.8	1.6	0.13	0.85	0.47	0.56	2d10/15 L=70	44,54,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.69	0.25	0.30	2d10/20 L=520	3,54,60
		720.0	0.54	11.4	19.0	1.6	0.12	0.91	0.47	0.56	2d10/15 L=70	41,54,60
113	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.92	0.43	0.53	2d10/15 L=70	44,55,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.22	0.30	2d10/20 L=520	4,55,60
		720.0	0.65	11.4	22.8	1.6	0.14	0.73	0.44	0.56	2d10/15 L=70	41,55,60
110	ok,ok	0.0	0.65	11.4	22.8	1.6	0.14	0.86	0.44	0.56	2d10/15 L=70	44,55,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.77	0.22	0.30	2d10/20 L=525	4,55,60
		720.0	0.54	11.4	19.0	1.6	0.12	0.95	0.43	0.53	2d10/15 L=70	41,55,60
							M T= 27	Z=410.0	P=4	P=19		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
127	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.51	0.15	0.08	4d8/5 L=50	48,41,60
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	9,41,60
		720.0	0.57	15.3	15.3	0.0	0.22	0.50	0.15	0.08	4d8/5 L=50	45,41,60
122	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.65	0.25	0.16	4d8/5 L=50	48,55,60
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.01	0.23	0.36	4d8/12 L=140	4,55,60
		300.0	0.57	15.3	15.3	0.0	0.22	0.67	0.25	0.16	4d8/5 L=50	45,55,60
121	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	48,35,60
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	9,35,60
		720.0	0.57	15.3	15.3	0.0	0.22	0.52	0.15	0.08	4d8/5 L=50	45,35,60
							M T= 28	Z=410.0	P=3	P=18		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
171	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.46	0.15	0.08	4d8/5 L=50	46,44,60
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	11,44,60
		720.0	0.57	15.3	15.3	0.0	0.22	0.46	0.15	0.08	4d8/5 L=50	47,44,60
170	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.57	0.26	0.16	4d8/5 L=50	46,55,60
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.01	0.24	0.36	4d8/12 L=140	4,55,60
		300.0	0.57	15.3	15.3	0.0	0.22	0.59	0.26	0.16	4d8/5 L=50	47,55,60
128	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	46,32,60
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	9,32,60
		720.0	0.57	15.3	15.3	0.0	0.22	0.48	0.15	0.08	4d8/5 L=50	47,32,60
							M T= 35	Z=410.0	P=2	P=17		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
176	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.53	0.15	0.08	4d8/5 L=50	54,41,60
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	4,41,60
		720.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	55,41,60
175	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.71	0.37	0.18	4d8/5 L=50	54,44,60
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.05	0.35	0.41	4d8/12 L=110	54,44,60
		300.0	0.57	15.3	15.3	0.0	0.22	0.56	0.37	0.18	4d8/5 L=50	54,44,60
174	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.42	0.19	0.10	4d8/5 L=50	54,32,60
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.15	0.21	4d8/15 L=381	9,32,60
		720.0	0.64	15.3	15.3	0.0	0.23	0.21	0.19	0.10	4d8/5 L=50	54,32,60
							M T= 36	Z=410.0	P=5	P=20		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
183	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.93	0.37	0.44	2d10/15 L=80	45,60,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.29	0.43	2d10/20 L=405	51,60,60
		720.0	0.57	22.8	22.8	1.6	0.11	0.77	0.35	0.41	2d10/15 L=80	45,60,60
182	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.87	0.85	0.97	2d10/12 L=180	48,55,60
	s=5,m=4	150.0	0.57	22.8	22.8	1.6	0.11	4.77e-03	0.82	0.93	2d10/12 L=180	39,55,60
		300.0	0.57	22.8	22.8	1.6	0.11	0.88	0.85	0.97	2d10/12 L=180	45,55,60
181	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.77	0.35	0.41	2d10/15 L=80	50,55,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.29	0.43	2d10/20 L=410	9,55,60
		720.0	0.48	15.2	19.0	1.6	0.10	0.93	0.37	0.44	2d10/15 L=80	48,55,60
							M T= 37	Z=410.0	P=1	P=5		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
195	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	6.85e-03	0.73	0.80	2d10/15 L=190	60,54,60

	s=5,m=4	110.0	0.57	15.2	22.8	1.6	0.11	0.12	0.79	0.88	2d10/15 L=190	4,54,60	
		220.0	0.57	15.2	22.8	1.6	0.11	0.30	0.85	0.97	2d10/15 L=190	4,54,60	
188	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.85	0.49	0.56	2d10/15 L=80	35,48,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.19	0.35	0.48	2d10/20 L=308	29,48,60	
		528.0	0.48	15.2	19.0	1.6	0.10	0.87	0.46	0.53	2d10/15 L=80	34,48,60	
187	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.90	0.41	0.51	2d10/15 L=80	35,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.22	0.31	2d10/20 L=500	3,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.84	0.41	0.51	2d10/15 L=80	34,55,60	
185	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.96	0.42	0.51	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.24	0.34	2d10/20 L=500	4,55,60	
		720.0	0.57	15.2	22.8	1.6	0.11	0.71	0.44	0.53	2d10/15 L=80	34,55,60	
184	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.85	0.45	0.54	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.48	0.25	0.35	2d10/20 L=480	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.90	0.43	0.52	2d10/15 L=80	34,55,60	
							M T= 39 Z=410.0 N=181 N=183						
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
201	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.39	0.17	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.16	0.12	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.32	0.17	0.11	2d8/5 L=50	55,60,60	
202	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.20	0.26	0.18	2d8/5 L=50	60,39,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.09	0.24	0.34	2d8/10 L=200	53,39,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.36	0.26	0.18	2d8/5 L=50	57,39,60	
203	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.54	0.23	0.17	2d8/5 L=50	54,38,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.27	0.14	0.18	2d8/10 L=461	1,38,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.63	0.23	0.17	2d8/5 L=50	55,38,60	
							M T= 9 Z=820.0 P=6 P=10						
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
29	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	8.47e-03	0.68	0.53	2d10/12 L=190	55,53,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.30	0.72	0.59	2d10/12 L=190	3,53,60	
		220.0	0.54	11.4	19.0	1.6	0.12	0.45	0.79	0.67	2d10/12 L=190	3,53,60	
41	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.80	0.54	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.29	0.38	0.38	2d10/20 L=328	4,55,60	
		528.0	0.54	11.4	19.0	1.6	0.12	0.70	0.54	0.53	2d10/15 L=70	34,55,60	
52	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.79	0.41	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.69	0.19	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.76	0.41	0.53	2d10/15 L=70	34,55,60	
51	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.83	0.42	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.20	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.75	0.42	0.53	2d10/15 L=70	34,55,60	
49	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.87	0.43	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.20	0.27	2d10/20 L=525	3,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.84	0.43	0.53	2d10/15 L=70	34,55,60	
							M T= 10 Z=820.0 P=1 P=16						
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
39	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.97	0.22	0.26	2d10/15 L=80	54,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.18	0.27	2d10/20 L=500	55,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.76	0.22	0.26	2d10/15 L=80	55,60,60	
34	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.86	0.63	0.82	2d10/15 L=210	55,39,60	
	s=5,m=4	150.0	0.57	22.8	22.8	1.6	0.11	0.25	0.62	0.80	2d10/15 L=210	55,39,60	
		300.0	0.57	22.8	22.8	1.6	0.11	0.89	0.63	0.82	2d10/15 L=210	55,39,60	
30	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.85	0.38	0.48	2d10/15 L=80	55,50,60	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.38	0.64	2d10/20 L=221	54,50,60	
		561.0	0.48	15.2	19.0	1.6	0.10	0.93	0.41	0.52	2d10/15 L=80	54,50,60	
							M T= 11 Z=820.0 P=11 P=15						
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
82	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.83	0.52	2d10/12 L=190	35,54,60	
	s=6,m=4	110.0	0.54	11.4	19.0	1.6	0.12	0.24	0.88	0.59	2d10/12 L=190	4,54,60	
		220.0	0.54	11.4	19.0	1.6	0.12	0.54	0.94	0.66	2d10/12 L=190	4,54,60	
40	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.88	0.42	0.51	2d10/15 L=70	44,51,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.28	0.27	0.39	2d10/20 L=328	4,51,60	
		528.0	0.54	11.4	19.0	1.6	0.12	0.83	0.43	0.52	2d10/15 L=70	41,51,60	
48	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.91	0.45	0.53	2d10/15 L=70	43,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.22	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.78	0.45	0.53	2d10/15 L=70	42,55,60	
47	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.83	0.43	0.53	2d10/15 L=70	44,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.20	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.76	0.43	0.53	2d10/15 L=70	41,55,60	
44	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.87	0.43	0.53	2d10/15 L=70	43,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.20	0.27	2d10/20 L=525	3,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.85	0.43	0.53	2d10/15 L=70	42,55,60	
							M T= 12 Z=820.0 P=4 P=19						
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
58	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.52	0.14	0.08	4d8/5 L=50	48,60,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	4,60,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.51	0.14	0.08	4d8/5 L=50	45,60,60	

54	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.65	0.25	0.16	4d8/5 L=50	48,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.02	0.23	0.36	4d8/12 L=140	3,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.68	0.25	0.16	4d8/5 L=50	45,55,60	
53	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.50	0.14	0.08	4d8/5 L=50	48,35,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	2,35,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.53	0.14	0.08	4d8/5 L=50	45,35,60	
							M T= 13	Z=820.0	P=3	P=18			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
62	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.48	0.14	0.08	4d8/5 L=50	46,60,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	3,60,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.48	0.14	0.08	4d8/5 L=50	47,60,60	
61	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.58	0.26	0.16	4d8/5 L=50	47,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.02	0.24	0.36	4d8/12 L=140	4,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.63	0.26	0.16	4d8/5 L=50	47,55,60	
59	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.46	0.14	0.08	4d8/5 L=50	46,35,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	9,35,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.50	0.14	0.08	4d8/5 L=50	47,35,60	
							M T= 14	Z=820.0	P=2	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
67	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.54	0.14	0.08	4d8/5 L=50	54,41,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	3,41,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.52	0.14	0.08	4d8/5 L=50	55,41,60	
66	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.72	0.34	0.18	4d8/5 L=50	55,44,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.04	0.32	0.41	4d8/12 L=110	54,44,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.60	0.34	0.18	4d8/5 L=50	55,44,60	
65	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.42	0.18	0.10	4d8/5 L=50	54,48,60	
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.14	0.21	4d8/15 L=381	1,32,60	
		720.0	0.64	15.3	15.3	0.0	0.23	0.21	0.18	0.10	4d8/5 L=50	54,48,60	
							M T= 15	Z=820.0	P=16	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
83	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.75e-03	0.85	0.61	2d10/15 L=190	50,55,60	
	s=21,m=4	110.0	0.48	11.4	15.2	1.6	0.10	0.23	0.86	0.62	2d10/15 L=190	4,55,60	
		220.0	0.48	11.4	15.2	1.6	0.10	0.53	0.92	0.69	2d10/15 L=190	4,55,60	
68	ok,ok	0.0	0.48	11.4	15.2	1.6	0.10	0.79	0.40	0.45	2d10/15 L=81	44,44,60	
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.24	0.24	0.45	2d10/25 L=313	4,41,60	
		551.4	0.48	11.4	15.2	1.6	0.10	0.61	0.41	0.46	2d10/25 L=284	41,44,60	
213	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.97	0.43	0.51	2d10/15 L=75	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.24	0.31	2d10/20 L=505	3,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.81	0.43	0.51	2d10/15 L=80	41,55,60	
70	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.82	0.42	0.51	2d10/15 L=80	39,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.23	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.77	0.42	0.51	2d10/15 L=80	41,55,60	
71	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.85	0.42	0.52	2d10/15 L=80	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.46	0.23	0.32	2d10/20 L=480	3,54,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.98	0.40	0.49	2d10/15 L=80	41,55,60	
							M T= 17	Z=820.0	P=5	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
74	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.89	0.34	0.41	2d10/15 L=80	45,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.26	0.40	2d10/20 L=405	9,60,60	
		720.0	0.57	19.0	22.8	1.6	0.11	0.77	0.34	0.41	2d10/15 L=80	45,60,60	
73	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	0.98	0.79	0.89	2d10/12 L=180	45,55,60	
	s=5,m=4	150.0	0.57	19.0	22.8	1.6	0.10	8.81e-03	0.75	0.85	2d10/12 L=180	3,55,60	
		300.0	0.57	19.0	22.8	1.6	0.11	0.96	0.79	0.89	2d10/12 L=180	48,55,60	
72	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	0.76	0.34	0.41	2d10/15 L=80	50,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.26	0.39	2d10/20 L=410	9,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.90	0.34	0.41	2d10/15 L=80	50,55,60	
							M T= 18	Z=820.0	P=1	P=5			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
81	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	6.34e-03	0.74	0.80	2d10/15 L=190	60,54,60	
	s=5,m=4	110.0	0.48	15.2	19.0	1.6	0.10	0.14	0.74	0.80	2d10/15 L=190	3,54,60	
		220.0	0.48	15.2	19.0	1.6	0.10	0.36	0.79	0.88	2d10/15 L=190	3,54,60	
79	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.87	0.46	0.53	2d10/15 L=80	35,46,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.17	0.32	0.43	2d10/20 L=308	34,46,60	
		528.0	0.48	15.2	19.0	1.6	0.10	0.73	0.46	0.53	2d10/15 L=80	34,46,60	
78	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.80	0.41	0.51	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.22	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.77	0.41	0.51	2d10/15 L=80	34,55,60	
76	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.85	0.41	0.51	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.22	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.76	0.41	0.51	2d10/15 L=80	34,55,60	
75	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.88	0.42	0.52	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.47	0.23	0.32	2d10/20 L=480	3,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.97	0.41	0.49	2d10/15 L=80	34,55,60	
							M T= 40	Z=820.0	N=172	N=174			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	

204	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.40	0.16	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.16	0.12	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.34	0.16	0.11	2d8/5 L=50	55,60,60	
208	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.19	0.26	0.18	2d8/5 L=50	60,39,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.10	0.24	0.34	2d8/10 L=200	53,39,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.37	0.26	0.18	2d8/5 L=50	53,39,60	
210	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.56	0.23	0.17	2d8/5 L=50	54,50,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.27	0.14	0.18	2d8/10 L=461	1,50,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.64	0.23	0.17	2d8/5 L=50	55,50,60	
							M_T= 1	Z=1230.0	P=3	P=18			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
1	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	46,44,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	4,44,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	47,44,60	
116	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.40	0.25	0.16	4d8/5 L=50	46,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	5.07e-03	0.23	0.36	4d8/12 L=140	54,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.45	0.25	0.16	4d8/5 L=50	47,55,60	
99	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.37	0.13	0.08	4d8/5 L=50	46,32,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	1,32,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.42	0.13	0.08	4d8/5 L=50	47,32,60	
							M_T= 2	Z=1230.0	P=6	P=10			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
64	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.58	0.53	2d10/12 L=190	54,57,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.28	0.52	0.45	2d10/12 L=190	4,57,60	
		220.0	0.33	11.4	11.4	1.6	0.10	0.71	0.58	0.53	2d10/12 L=190	4,57,60	
194	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.83	0.44	0.44	2d10/15 L=70	35,55,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.23	0.31	0.34	2d10/20 L=328	4,55,60	
		528.0	0.43	11.4	15.2	1.6	0.11	0.55	0.46	0.48	2d10/15 L=70	34,55,60	
98	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.68	0.36	0.48	2d10/15 L=70	4,45,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.66	0.16	0.24	2d10/20 L=520	4,45,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.69	0.36	0.48	2d10/15 L=70	4,45,60	
87	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.76	0.37	0.48	2d10/15 L=70	4,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.60	0.16	0.24	2d10/20 L=520	4,55,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.68	0.37	0.48	2d10/15 L=70	4,55,60	
3	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.78	0.38	0.49	2d10/15 L=70	4,54,4	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.74	0.17	0.24	2d10/20 L=525	4,54,60	
		720.0	0.33	11.4	11.4	1.6	0.10	0.76	0.36	0.46	2d10/15 L=70	34,54,60	
							M_T= 3	Z=1230.0	P=2	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
6	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.41	0.14	0.08	4d8/5 L=50	54,57,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.16	0.10	0.13	4d8/12 L=560	4,57,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.42	0.14	0.08	4d8/5 L=50	55,57,60	
5	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.57	0.31	0.18	4d8/5 L=50	55,35,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.05	0.30	0.41	4d8/12 L=110	54,35,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.57	0.31	0.18	4d8/5 L=50	55,35,60	
4	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.33	0.18	0.10	4d8/5 L=50	54,45,60	
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.14	0.21	4d8/15 L=381	1,45,60	
		720.0	0.64	15.3	15.3	0.0	0.23	0.17	0.18	0.10	4d8/5 L=50	54,45,60	
							M_T= 4	Z=1230.0	P=16	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
22	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.27e-03	0.71	0.59	2d10/15 L=190	50,55,60	
	s=21,m=4	110.0	0.36	11.4	11.4	1.6	0.09	0.17	0.66	0.54	2d10/15 L=190	4,55,60	
		220.0	0.36	11.4	11.4	1.6	0.09	0.43	0.71	0.59	2d10/15 L=190	4,55,60	
7	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.66	0.35	0.38	2d10/15 L=81	44,44,60	
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.17	0.23	0.38	2d10/25 L=313	4,44,60	
		551.4	0.36	11.4	11.4	1.6	0.09	0.49	0.36	0.39	2d10/25 L=284	41,44,60	
151	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.71	0.40	0.44	2d10/15 L=75	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.37	0.24	0.27	2d10/20 L=505	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.60	0.40	0.44	2d10/15 L=80	41,55,60	
9	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.61	0.36	0.44	2d10/15 L=80	39,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.36	0.20	0.27	2d10/20 L=500	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.57	0.36	0.44	2d10/15 L=80	41,55,60	
10	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.64	0.37	0.45	2d10/15 L=80	39,54,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.21	0.28	2d10/20 L=480	4,54,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.50	0.37	0.45	2d10/15 L=80	41,54,60	
							M_T= 5	Z=1230.0	P=5	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
13	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.81	0.27	0.32	2d10/15 L=80	48,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.12	0.22	0.32	2d10/20 L=405	45,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.74	0.27	0.32	2d10/15 L=80	45,60,60	
12	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.68	0.58	0.79	2d10/15 L=180	50,55,60	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	3.77e-03	0.55	0.75	2d10/15 L=180	38,55,60	
		300.0	0.38	15.2	15.2	1.6	0.09	0.69	0.58	0.79	2d10/15 L=180	45,55,60	
11	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.73	0.27	0.32	2d10/15 L=80	50,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.12	0.22	0.32	2d10/20 L=410	48,55,60	

		720.0	0.38	15.2	15.2	1.6	0.09	0.84	0.27	0.32	2d10/15 L=80	45,55,60	
							M T= 6	Z=1230.0	P=1	P=5			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
20	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	4.76e-03	0.69	0.78	2d10/15 L=190	60,54,60	
	s=5,m=4	110.0	0.38	15.2	15.2	1.6	0.09	0.16	0.64	0.71	2d10/15 L=190	4,54,60	
		220.0	0.38	15.2	15.2	1.6	0.09	0.40	0.69	0.78	2d10/15 L=190	4,54,60	
18	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.61	0.42	0.46	2d10/15 L=80	35,54,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.11	0.30	0.39	2d10/20 L=308	34,54,60	
		528.0	0.38	15.2	15.2	1.6	0.09	0.51	0.42	0.46	2d10/15 L=80	34,54,60	
17	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.58	0.34	0.44	2d10/15 L=80	32,48,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.38	0.18	0.27	2d10/20 L=500	4,48,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.60	0.34	0.44	2d10/15 L=80	34,48,60	
15	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.63	0.35	0.44	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.34	0.19	0.27	2d10/20 L=500	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.58	0.35	0.44	2d10/15 L=80	34,55,60	
14	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.65	0.37	0.45	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.21	0.28	2d10/20 L=480	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.50	0.37	0.45	2d10/15 L=80	34,55,60	
							M T= 8	Z=1230.0	P=11	P=15			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
21	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	2.18e-03	0.63	0.52	2d10/12 L=190	52,54,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.26	0.57	0.45	2d10/12 L=190	4,54,60	
		220.0	0.33	11.4	11.4	1.6	0.10	0.64	0.63	0.52	2d10/12 L=190	4,54,60	
193	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.88	0.38	0.42	2d10/15 L=70	44,47,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.24	0.26	0.33	2d10/20 L=328	4,47,60	
		528.0	0.43	11.4	15.2	1.6	0.11	0.65	0.41	0.47	2d10/15 L=70	41,47,60	
199	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.77	0.42	0.48	2d10/15 L=70	4,54,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.64	0.22	0.24	2d10/20 L=520	4,54,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.64	0.42	0.48	2d10/15 L=70	42,54,60	
168	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.74	0.38	0.48	2d10/15 L=70	4,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.61	0.17	0.24	2d10/20 L=520	4,55,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.69	0.38	0.48	2d10/15 L=70	4,55,60	
207	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.78	0.38	0.49	2d10/15 L=70	4,55,4	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.74	0.17	0.24	2d10/20 L=525	4,55,60	
		720.0	0.33	11.4	11.4	1.6	0.10	0.77	0.37	0.46	2d10/15 L=70	42,55,60	
							M T= 20	Z=1230.0	P=1	P=16			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
192	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.57	0.21	0.26	2d10/15 L=80	54,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.16	0.17	0.27	2d10/20 L=500	55,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.47	0.21	0.26	2d10/15 L=80	55,60,60	
173	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.35	0.51	0.67	2d10/15 L=210	55,38,60	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.32	0.50	0.64	2d10/15 L=210	55,38,60	
		300.0	0.38	15.2	15.2	1.6	0.09	0.84	0.51	0.67	2d10/15 L=210	55,38,60	
80	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.97	0.31	0.40	2d10/15 L=80	55,50,60	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.28	0.47	2d10/20 L=221	54,50,60	
		561.0	0.38	15.2	15.2	1.6	0.09	0.84	0.31	0.40	2d10/15 L=80	55,50,60	
							M T= 21	Z=1230.0	P=4	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
90	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.42	0.13	0.08	4d8/5 L=50	46,57,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	3,57,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.40	0.13	0.08	4d8/5 L=50	47,57,60	
104	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.44	0.24	0.16	4d8/5 L=50	46,54,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	2.41e-03	0.22	0.36	4d8/12 L=140	4,54,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.46	0.24	0.16	4d8/5 L=50	47,54,60	
101	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	48,54,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	3,54,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.43	0.13	0.08	4d8/5 L=50	45,54,60	
							M T= 38	Z=1230.0	N=168	N=170			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
211	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.32	0.15	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.17	0.11	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.27	0.15	0.11	2d8/5 L=50	55,60,60	
200	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.08	0.24	0.18	2d8/5 L=50	60,38,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.07	0.22	0.34	2d8/10 L=200	53,38,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.23	0.24	0.18	2d8/5 L=50	53,38,60	
198	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.31	0.17	0.12	2d8/5 L=50	54,50,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.08	0.14	0.18	2d8/10 L=461	1,50,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.38	0.17	0.12	2d8/5 L=50	55,50,60	
Trave			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc			
			0.65	22.81	22.81	1.57	0.24	0.98	1.00	0.97			

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	kN m	kN m	kN m	kN m	cm	kN	kN	kN	kN	kN	cm2

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
1	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
3	359.59	273.30	273.31	273.31	665.00	104.69	90.42	0.0	0.0	0.0	0.0
4	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
5	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
6	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
7	315.07	315.07	315.07	315.07	442.36	156.70	156.70	0.0	0.0	0.0	0.0
9	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
10	419.02	419.02	419.02	419.02	640.00	144.04	144.04	0.0	0.0	0.0	0.0
11	419.02	419.02	419.02	419.02	570.00	161.73	161.73	0.0	0.0	0.0	0.0
12	419.02	419.02	419.02	419.02	180.00	512.14	512.14	0.0	0.0	0.0	0.0
13	419.02	419.02	419.02	419.02	565.00	163.16	163.16	0.0	0.0	0.0	0.0
14	419.02	419.02	419.02	419.02	640.00	144.04	144.04	0.0	0.0	0.0	0.0
15	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
17	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
18	419.02	419.02	419.02	419.02	468.00	196.98	196.98	0.0	0.0	0.0	0.0
20	419.02	419.02	419.02	419.02	190.00	485.19	485.19	0.0	0.0	0.0	0.0
21	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
22	315.07	315.07	315.07	315.07	190.00	364.82	364.82	0.0	0.0	0.0	0.0
29	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
30	620.86	620.86	520.03	419.00	381.00	300.22	329.39	0.0	0.0	0.0	0.0
34	419.02	419.02	620.86	620.86	210.00	544.70	544.70	0.0	0.0	0.0	0.0
39	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
40	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
41	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
44	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
47	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
48	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
49	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
51	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
52	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
53	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
54	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
58	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
59	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
61	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
62	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
64	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
65	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
66	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
67	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
68	415.94	314.96	415.94	314.96	442.36	181.75	181.75	0.0	0.0	0.0	0.0
69	620.50	419.10	520.03	419.00	660.00	173.25	156.52	0.0	0.0	0.0	0.0
70	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
71	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
72	620.63	519.99	520.03	419.00	570.00	200.63	200.71	0.0	0.0	0.0	0.0
73	620.63	519.99	620.63	519.99	180.00	697.05	697.05	0.0	0.0	0.0	0.0
74	520.03	419.00	620.63	519.99	565.00	202.48	202.41	0.0	0.0	0.0	0.0
75	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
76	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
78	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
79	520.03	419.00	520.03	419.00	468.00	220.71	220.71	0.0	0.0	0.0	0.0
80	419.02	419.02	419.02	419.02	381.00	241.96	241.96	0.0	0.0	0.0	0.0
81	419.02	419.02	520.03	419.00	190.00	485.17	543.66	0.0	0.0	0.0	0.0
82	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
83	315.07	315.07	415.94	314.96	190.00	364.76	423.22	0.0	0.0	0.0	0.0
87	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
90	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
92	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
93	520.08	520.08	419.02	419.02	381.00	271.13	271.13	0.0	0.0	0.0	0.0
97	419.02	419.02	520.08	520.08	210.00	491.91	491.91	0.0	0.0	0.0	0.0
98	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
99	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
101	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
104	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
105	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
106	531.26	359.57	531.26	359.57	468.00	209.38	209.38	0.0	0.0	0.0	0.0
107	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
110	530.72	273.37	445.56	273.26	665.00	132.99	118.92	0.0	0.0	0.0	0.0
113	445.56	273.26	530.72	273.37	660.00	119.82	134.00	0.0	0.0	0.0	0.0
114	531.26	359.57	445.56	273.26	660.00	134.09	134.19	0.0	0.0	0.0	0.0
115	530.72	273.37	445.56	273.26	665.00	132.99	118.92	0.0	0.0	0.0	0.0
116	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
119	445.56	273.26	530.72	273.37	660.00	119.82	134.00	0.0	0.0	0.0	0.0
120	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
121	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
122	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
127	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
128	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
151	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
168	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
170	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
171	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
173	419.02	419.02	419.02	419.02	210.00	438.98	438.98	0.0	0.0	0.0	0.0
174	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
175	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
176	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
177	415.94	314.96	516.33	315.04	442.36	181.77	206.72	0.0	0.0	0.0	0.0
179	520.03	419.00	620.50	419.10	660.00	156.52	173.25	0.0	0.0	0.0	0.0
180	620.50	419.10	520.03	419.00	640.00	178.67	161.41	0.0	0.0	0.0	0.0
181	620.86	620.86	520.03	419.00	570.00	200.67	220.17	0.0	0.0	0.0	0.0
182	620.86	620.86	620.86	620.86	180.00	758.83	758.83	0.0	0.0	0.0	0.0
183	520.03	419.00	620.86	620.86	565.00	222.12	202.45	0.0	0.0	0.0	0.0
184	620.50	419.10	520.03	419.00	640.00	178.67	161.41	0.0	0.0	0.0	0.0
185	520.03	419.00	620.50	419.10	660.00	156.52	173.25	0.0	0.0	0.0	0.0
187	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
188	620.50	419.10	520.03	419.00	468.00	244.33	220.73	0.0	0.0	0.0	0.0
192	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
193	273.31	273.31	359.59	273.30	468.00	128.48	148.76	0.0	0.0	0.0	0.0
194	273.31	273.31	359.59	273.30	468.00	128.48	148.76	0.0	0.0	0.0	0.0
195	419.02	419.02	620.50	419.10	190.00	485.23	601.83	0.0	0.0	0.0	0.0
197	273.31	273.31	531.26	359.57	190.00	366.41	465.80	0.0	0.0	0.0	0.0
198	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
199	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
200	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
201	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
202	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
203	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
204	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
205	315.07	315.07	415.94	314.96	190.00	364.76	423.22	0.0	0.0	0.0	0.0
207	359.59	273.30	273.31	273.31	665.00	104.69	90.42	0.0	0.0	0.0	0.0
208	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
210	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
211	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
213	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
Trave	M negativo i	M positivo i	M negativo f	M positivo f		V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	620.86	620.86	620.86	620.86				0.0			
						758.83	758.83		0.0	0.0	0.0

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]
dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastrì	rRfck	rRfyk	rPfck	per sezioni significative
travi	rRfck wR dR	rRfyk wF dF	rPfck wP dP	per sezioni significative per sezioni significative massimi in campata
setti e gusci	rRfck wR	rRfyk wF	rPfck wP	massimi nei nodi dell'elemento massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
	cm					cm				
2	0.0	0.08	0.05	0.10	18,18,28	205.0	0.03	0.02	0.03	18,18,28
	410.0	0.11	0.09	0.13	18,18,28					
8	0.0	0.19	0.14	0.24	18,18,28	205.0	0.16	0.12	0.20	18,18,28
	410.0	0.18	0.14	0.23	18,18,28					
16	0.0	0.06	0.04	0.08	18,18,28	205.0	0.04	0.03	0.05	18,18,28
	410.0	0.07	0.05	0.09	18,18,28					
23	0.0	0.15	0.10	0.18	18,17,28	205.0	0.04	0.03	0.05	18,18,28
	410.0	0.21	0.21	0.25	18,18,28					
24	0.0	0.15	0.10	0.17	18,17,28	205.0	0.04	0.03	0.05	18,18,28
	410.0	0.21	0.21	0.25	18,18,28					
25	0.0	0.09	0.06	0.11	18,18,28	205.0	0.03	0.02	0.04	18,18,28
	410.0	0.13	0.10	0.15	18,18,28					
26	0.0	0.10	0.07	0.13	18,18,28	205.0	0.05	0.04	0.06	18,18,28
	410.0	0.09	0.06	0.12	18,18,28					
27	0.0	0.14	0.10	0.18	18,18,28	205.0	0.11	0.08	0.14	18,18,28
	410.0	0.13	0.09	0.16	18,18,28					
28	0.0	0.15	0.11	0.18	18,18,28	205.0	0.12	0.09	0.15	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
31	0.0	0.16	0.12	0.19	18,18,28	205.0	0.12	0.09	0.15	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
32	0.0	0.15	0.11	0.18	18,18,28	205.0	0.11	0.08	0.14	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
33	0.0	0.14	0.10	0.18	18,18,28	205.0	0.11	0.08	0.13	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
35	0.0	0.15	0.11	0.19	18,18,28	205.0	0.12	0.09	0.14	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
36	0.0	0.08	0.06	0.10	18,18,28	205.0	0.06	0.04	0.07	18,18,28
	410.0	0.09	0.06	0.12	18,18,28					
37	0.0	0.15	0.11	0.18	18,18,28	205.0	0.12	0.09	0.14	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
38	0.0	0.14	0.11	0.18	18,18,28	205.0	0.11	0.08	0.13	18,18,28
	410.0	0.13	0.10	0.17	18,18,28					
42	0.0	0.10	0.07	0.13	18,18,28	205.0	0.10	0.07	0.13	18,18,28
	410.0	0.14	0.10	0.18	18,18,28					
43	0.0	0.11	0.08	0.13	18,18,28	205.0	0.07	0.05	0.08	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
45	0.0	0.18	0.13	0.22	18,18,28	205.0	0.11	0.08	0.13	18,18,28
	410.0	0.17	0.12	0.20	18,18,28					
46	0.0	0.16	0.11	0.20	18,18,28	205.0	0.09	0.07	0.12	18,18,28
	410.0	0.15	0.11	0.19	18,18,28					
50	0.0	0.10	0.07	0.12	18,18,28	205.0	0.08	0.06	0.10	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
55	0.0	0.14	0.10	0.17	18,18,28	205.0	0.08	0.06	0.10	18,18,28
	410.0	0.14	0.10	0.17	18,18,28					
56	0.0	0.09	0.06	0.11	18,18,28	205.0	0.06	0.05	0.08	18,18,28
	410.0	0.08	0.06	0.10	18,18,28					
57	0.0	0.08	0.06	0.10	18,18,28	205.0	0.05	0.04	0.06	18,18,28
	410.0	0.07	0.05	0.09	18,18,28					
60	0.0	0.09	0.06	0.11	18,18,28	205.0	0.07	0.05	0.08	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
63	0.0	0.09	0.06	0.12	18,18,28	205.0	0.05	0.04	0.06	18,18,28
	410.0	0.09	0.06	0.11	18,18,28					
84	0.0	0.15	0.10	0.18	18,18,28	205.0	0.06	0.04	0.07	18,18,28
	410.0	0.13	0.09	0.16	17,17,28					
85	0.0	0.15	0.10	0.18	18,18,28	205.0	0.06	0.04	0.07	18,18,28
	410.0	0.13	0.09	0.16	17,17,28					
86	0.0	0.05	0.04	0.07	18,18,28	205.0	0.02	0.02	0.03	18,18,28
	410.0	0.06	0.04	0.07	18,18,28					
88	0.0	0.09	0.06	0.11	18,18,28	205.0	0.09	0.07	0.11	18,18,28
	410.0	0.11	0.08	0.14	18,18,28					
89	0.0	0.20	0.15	0.24	18,18,28	205.0	0.17	0.13	0.21	18,18,28
	410.0	0.19	0.14	0.23	18,18,28					
91	0.0	0.21	0.16	0.25	18,18,28	205.0	0.19	0.14	0.22	18,18,28
	410.0	0.20	0.15	0.25	18,18,28					
94	0.0	0.21	0.16	0.26	18,18,28	205.0	0.18	0.14	0.22	18,18,28
	410.0	0.20	0.15	0.24	18,18,28					
95	0.0	0.20	0.15	0.24	18,18,28	205.0	0.17	0.13	0.21	18,18,28
	410.0	0.19	0.14	0.23	18,18,28					
96	0.0	0.19	0.14	0.24	18,18,28	205.0	0.17	0.13	0.21	18,18,28
	410.0	0.19	0.14	0.23	18,18,28					
100	0.0	0.21	0.15	0.25	18,18,28	205.0	0.18	0.14	0.22	18,18,28
	410.0	0.19	0.14	0.23	18,18,28					
102	0.0	0.20	0.15	0.25	18,18,28	205.0	0.18	0.14	0.22	18,18,28

Pilas.	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	Pos.	rRfck	rRfyk	rPfck	Rif. cmb
	410.0	0.20	0.15	0.24	18,18,28					
109	0.0	0.13	0.10	0.16	18,18,28	205.0	0.10	0.08	0.12	18,18,28
	410.0	0.13	0.09	0.16	18,18,28					
111	0.0	0.20	0.15	0.25	18,18,28	205.0	0.16	0.12	0.19	18,18,28
	410.0	0.20	0.15	0.24	18,18,28					
112	0.0	0.19	0.14	0.23	18,18,28	205.0	0.15	0.11	0.19	18,18,28
	410.0	0.19	0.14	0.24	18,18,28					
117	0.0	0.16	0.12	0.20	18,18,28	205.0	0.14	0.10	0.17	18,18,28
	410.0	0.17	0.12	0.21	18,18,28					
123	0.0	0.10	0.07	0.12	18,18,28	205.0	0.07	0.05	0.08	18,18,28
	410.0	0.11	0.08	0.13	18,18,28					
124	0.0	0.17	0.12	0.21	18,18,28	205.0	0.13	0.10	0.16	18,18,28
	410.0	0.17	0.12	0.21	18,18,28					
125	0.0	0.12	0.09	0.15	18,18,28	205.0	0.09	0.07	0.11	18,18,28
	410.0	0.12	0.08	0.15	18,18,28					
126	0.0	0.15	0.11	0.19	18,18,28	205.0	0.12	0.08	0.15	18,18,28
	410.0	0.11	0.08	0.13	18,18,28					
129	0.0	0.11	0.08	0.15	18,18,28	205.0	0.05	0.04	0.06	18,18,28
	410.0	0.14	0.09	0.17	18,18,28					
132	0.0	0.09	0.06	0.11	18,18,28	205.0	0.06	0.04	0.07	18,18,28
	410.0	0.10	0.07	0.13	18,18,28					
160	0.0	0.08	0.06	0.10	18,18,28	205.0	0.05	0.04	0.07	18,18,28
	410.0	0.09	0.06	0.11	18,18,28					
163	0.0	0.06	0.04	0.07	18,18,28	205.0	0.03	0.02	0.04	18,18,28
	410.0	0.07	0.05	0.09	18,18,28					
169	0.0	0.09	0.06	0.11	18,18,28	205.0	0.06	0.04	0.07	18,18,28
	410.0	0.10	0.07	0.13	18,18,28					
172	0.0	0.08	0.06	0.10	18,18,28	205.0	0.09	0.07	0.11	18,18,28
	410.0	0.11	0.08	0.14	18,18,28					
178	0.0	0.10	0.07	0.12	18,18,28	205.0	0.11	0.08	0.13	18,18,28
	410.0	0.15	0.10	0.18	18,18,28					
186	0.0	0.10	0.07	0.12	18,18,28	205.0	0.06	0.05	0.07	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
190	0.0	0.09	0.07	0.11	18,18,28	205.0	0.06	0.05	0.07	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
191	0.0	0.09	0.06	0.11	18,18,28	205.0	0.05	0.04	0.07	18,18,28
	410.0	0.10	0.07	0.13	18,18,28					
206	0.0	0.08	0.05	0.09	18,18,28	205.0	0.04	0.03	0.04	18,18,28
	410.0	0.10	0.06	0.12	18,18,28					
209	0.0	0.14	0.09	0.17	18,18,28	205.0	0.06	0.05	0.07	18,18,28
	410.0	0.18	0.12	0.22	18,18,28					
212	0.0	0.12	0.08	0.15	18,18,28	205.0	0.05	0.04	0.06	18,18,28
	410.0	0.14	0.09	0.18	18,18,28					
247	0.0	0.07	0.05	0.09	18,18,28	205.0	0.03	0.02	0.03	18,18,28
	410.0	0.10	0.07	0.12	18,18,28					
254	0.0	0.09	0.07	0.11	18,18,28	205.0	0.08	0.06	0.10	18,18,28
	410.0	0.11	0.08	0.13	18,18,28					
Pilas.		rRfck	rRfyk	rPfck			rRfck	rRfyk	rPfck	
		0.21	0.21	0.26						

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	cm					mm	mm	mm		cm	cm	cm	
1	0.0	0.11	0.17	0.15	18,18,28	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	18,23,28
	360.0	0.09	0.14	0.12	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	15,19,27	0.0	0.0	0.0	0,0,0				
3	0.0	0.35	0.63	0.41	18,18,28	0.26	0.27	0.26	18,23,28	-0.52	-0.48	-0.46	18,23,28
	360.0	0.28	0.59	0.33	18,18,28	0.27	0.25	0.24	18,23,28				
	720.0	0.22	0.45	0.25	18,18,28	0.20	0.0	0.0	18,0,0				
4	0.0	0.07	0.12	0.09	15,18,27	0.0	0.0	0.0	0,0,0	-0.14	-0.14	-0.14	15,22,27
	360.0	0.08	0.13	0.10	15,18,27	0.0	0.0	0.0	0,0,0				
	720.0	5.93e-03	0.03	7.91e-03	15,17,27	0.0	0.0	0.0	0,0,0				
5	0.0	0.05	0.09	0.06	18,18,28	0.0	0.0	0.0	0,0,0	0.08	0.07	0.07	18,23,28
	150.0	0.0	0.01	0.0	0,18,0	0.0	0.0	0.0	0,0,0				
	300.0	0.07	0.13	0.09	18,18,28	0.0	0.0	0.0	0,0,0				
6	0.0	0.11	0.16	0.15	17,18,28	0.0	0.0	0.0	0,0,0	-0.18	-0.18	-0.18	18,23,28
	360.0	0.09	0.14	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	15,15,27	0.0	0.0	0.0	0,0,0				
7	0.0	0.11	0.27	0.13	18,18,28	0.0	0.0	0.0	0,0,0	0.06	0.06	0.06	18,23,28
	275.7	0.06	0.15	0.07	18,18,28	0.0	0.0	0.0	0,0,0				
	551.4	0.10	0.24	0.12	18,18,28	0.0	0.0	0.0	0,0,0				
9	0.0	0.21	0.43	0.25	18,18,28	0.17	0.16	0.15	18,23,28	-0.11	-0.10	-0.10	18,23,28
	360.0	0.14	0.28	0.17	18,18,28	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
10	720.0	0.20	0.40	0.23	18,18,28	0.15	0.0	0.0	18,0,0				
	0.0	0.22	0.44	0.26	18,18,28	0.17	0.16	0.16	18,23,28	-0.16	-0.14	-0.14	18,23,28
	360.0	0.17	0.34	0.20	18,18,28	0.0	0.0	0.0	0,0,0				
11	720.0	0.09	0.17	0.11	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.03	0.06	0.04	15,15,27	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	15,22,27
	360.0	0.04	0.09	0.06	15,15,27	0.0	0.0	0.0	0,0,0				
12	720.0	0.04	0.09	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	6.19e-03	0.02	8.26e-03	15,15,27	0.0	0.0	0.0	0,0,0	-1.11e-03	-1.04e-03	-1.02e-03	18,23,28
	150.0	0.0	8.24e-03	0.0	0,15,0	0.0	0.0	0.0	0,0,0				
13	300.0	0.01	0.03	0.01	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.03	0.07	0.04	18,18,28	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	18,23,28
	360.0	0.04	0.09	0.06	15,17,27	0.0	0.0	0.0	0,0,0				
14	720.0	0.04	0.07	0.05	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.23	0.46	0.27	18,18,28	0.18	0.17	0.16	18,23,28	-0.16	-0.14	-0.14	18,23,28
	360.0	0.17	0.34	0.21	18,18,28	0.0	0.0	0.0	0,0,0				
15	720.0	0.08	0.15	0.10	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.23	0.47	0.28	18,18,28	0.18	0.18	0.17	18,23,28	-0.10	-0.10	-0.09	18,23,28
	360.0	0.14	0.27	0.16	18,18,28	0.0	0.0	0.0	0,0,0				
17	720.0	0.19	0.38	0.22	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.20	0.41	0.24	18,18,28	0.16	0.0	0.0	18,0,0	-0.12	-0.12	-0.11	18,23,28
	360.0	0.15	0.30	0.18	18,18,28	0.0	0.0	0.0	0,0,0				
18	720.0	0.19	0.39	0.23	18,18,28	0.15	0.0	0.0	18,0,0				
	0.0	0.13	0.29	0.16	18,18,28	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	17,23,28
	264.0	0.04	0.09	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
20	528.0	0.13	0.28	0.15	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	1.23e-03	3.12e-03	1.51e-03	18,18,28	0.0	0.0	0.0	0,0,0	0.13	0.12	0.12	18,23,28
	110.0	0.06	0.13	0.08	18,18,28	0.0	0.0	0.0	0,0,0				
21	220.0	0.15	0.33	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	5.13e-04	3.74e-04	5.79e-04	18,18,28	0.0	0.0	0.0	0,0,0	0.20	0.18	0.18	18,23,28
	110.0	0.10	0.21	0.12	18,18,28	0.0	0.0	0.0	0,0,0				
22	220.0	0.23	0.53	0.29	18,18,28	0.24	0.22	0.22	18,23,28				
	0.0	1.85e-03	1.53e-03	2.24e-03	18,18,28	0.0	0.0	0.0	0,0,0	0.11	0.11	0.10	18,23,28
	110.0	0.07	0.14	0.08	18,18,28	0.0	0.0	0.0	0,0,0				
29	220.0	0.16	0.35	0.20	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	1.07e-03	2.23e-03	1.40e-03	19,19,27	0.0	0.0	0.0	0,0,0	0.20	0.19	0.19	18,23,28
	110.0	0.11	0.25	0.14	17,17,28	0.0	0.0	0.0	0,0,0				
30	220.0	0.22	0.38	0.28	17,17,28	0.13	0.13	0.13	17,23,28				
	0.0	0.02	0.04	0.02	18,18,28	0.0	0.0	0.0	0,0,0	-7.45e-03	-7.45e-03	-7.45e-03	15,22,27
	280.5	0.01	0.03	0.02	19,15,27	0.0	0.0	0.0	0,0,0				
34	561.0	0.03	0.06	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.05	0.12	0.06	18,18,28	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	18,23,28
	150.0	0.02	0.03	0.02	18,18,28	0.0	0.0	0.0	0,0,0				
39	300.0	0.07	0.13	0.09	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.01	0.03	0.01	15,15,27	0.0	0.0	0.0	0,0,0	-0.05	-0.04	-0.04	18,23,28
	360.0	0.04	0.10	0.06	18,18,28	0.0	0.0	0.0	0,0,0				
40	720.0	0.04	0.09	0.06	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.16	0.26	0.19	18,18,28	0.0	0.0	0.0	0,0,0	0.06	0.06	0.06	18,23,28
	264.0	0.10	0.23	0.12	18,18,28	0.0	0.0	0.0	0,0,0				
41	528.0	0.14	0.23	0.17	17,17,28	0.0	0.0	0.0	0,0,0				
	0.0	0.17	0.29	0.21	18,18,28	0.10	0.0	0.0	18,0,0	-0.04	-0.04	-0.04	17,23,28
	264.0	0.11	0.24	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
44	528.0	0.15	0.25	0.18	17,17,28	0.0	0.0	0.0	0,0,0				
	0.0	0.32	0.55	0.39	17,17,28	0.21	0.22	0.21	17,23,28	-0.46	-0.46	-0.44	17,23,28
	360.0	0.26	0.60	0.31	17,18,28	0.27	0.27	0.26	18,23,28				
47	720.0	0.25	0.43	0.30	18,18,28	0.15	0.16	0.15	18,23,28				
	0.0	0.32	0.55	0.39	18,18,28	0.21	0.22	0.21	18,23,28	-0.37	-0.36	-0.35	18,23,28
	360.0	0.24	0.56	0.29	18,18,28	0.25	0.24	0.23	18,23,28				
48	720.0	0.27	0.46	0.32	17,17,28	0.16	0.17	0.16	17,23,28				
	0.0	0.34	0.58	0.41	18,18,28	0.23	0.24	0.23	18,23,28	-0.36	-0.36	-0.29	18,23,28
	360.0	0.24	0.55	0.29	17,18,28	0.25	0.24	0.22	18,23,28				
49	720.0	0.25	0.43	0.30	17,17,28	0.15	0.15	0.15	17,23,28				
	0.0	0.33	0.55	0.39	17,17,28	0.21	0.22	0.22	17,23,28	-0.46	-0.46	-0.45	17,23,28
	360.0	0.26	0.60	0.31	17,18,28	0.27	0.27	0.26	18,23,28				
51	720.0	0.25	0.43	0.30	18,18,28	0.15	0.15	0.15	18,23,28				
	0.0	0.33	0.56	0.40	18,18,28	0.21	0.22	0.22	18,23,28	-0.36	-0.35	-0.34	18,23,28
	360.0	0.24	0.55	0.28	18,18,28	0.25	0.23	0.22	18,23,28				
52	720.0	0.27	0.45	0.32	17,17,28	0.16	0.17	0.16	17,23,28				
	0.0	0.31	0.52	0.37	18,18,28	0.19	0.21	0.20	18,23,28	-0.38	-0.37	-0.36	18,23,28
	360.0	0.25	0.56	0.29	17,18,28	0.26	0.24	0.23	18,23,28				
53	720.0	0.28	0.46	0.33	17,17,28	0.16	0.17	0.17	17,23,28				
	0.0	0.12	0.18	0.16	15,15,27	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	15,22,27
	360.0	0.09	0.13	0.12	19,15,27	0.0	0.0	0.0	0,0,0				
54	720.0	0.14	0.20	0.18	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	8.15e-03	0.01	0.01	15,15,27	0.0	0.0	0.0	0,0,0	-2.75e-03	-2.71e-03	-2.70e-03	18,23,28

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	150.0	0.01	0.02	0.01	18,15,28	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.04	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
58	0.0	0.12	0.18	0.16	18,18,28	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	18,23,28
	360.0	0.09	0.13	0.12	18,15,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.20	0.18	15,15,27	0.0	0.0	0.0	0,0,0				
59	0.0	0.12	0.18	0.16	15,15,27	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	15,22,27
	360.0	0.09	0.13	0.11	19,15,27	0.0	0.0	0.0	0,0,0				
	720.0	0.14	0.21	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
61	0.0	4.58e-03	6.18e-03	3.79e-03	18,18,28	0.0	0.0	0.0	0,0,0	-3.41e-03	-3.32e-03	-3.29e-03	18,23,28
	150.0	0.01	0.02	0.01	18,15,28	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.06	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
62	0.0	0.12	0.18	0.16	18,17,28	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	18,23,28
	360.0	0.09	0.13	0.12	18,15,28	0.0	0.0	0.0	0,0,0				
	720.0	0.14	0.20	0.18	15,15,27	0.0	0.0	0.0	0,0,0				
64	0.0	3.45e-03	8.99e-03	4.31e-03	18,18,28	0.0	0.0	0.0	0,0,0	0.26	0.24	0.24	18,23,28
	110.0	0.10	0.23	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
	220.0	0.26	0.59	0.31	18,18,28	0.27	0.27	0.26	18,23,28				
65	0.0	0.07	0.10	0.10	15,15,27	0.0	0.0	0.0	0,0,0	-0.14	-0.14	-0.14	15,22,27
	360.0	0.08	0.11	0.11	19,15,27	0.0	0.0	0.0	0,0,0				
	720.0	0.01	0.01	0.01	15,15,27	0.0	0.0	0.0	0,0,0				
66	0.0	0.07	0.10	0.08	18,18,28	0.0	0.0	0.0	0,0,0	0.07	0.06	0.06	18,23,28
	150.0	0.01	0.01	0.01	15,15,27	0.0	0.0	0.0	0,0,0				
	300.0	0.07	0.10	0.09	18,18,28	0.0	0.0	0.0	0,0,0				
67	0.0	0.11	0.17	0.15	15,15,27	0.0	0.0	0.0	0,0,0	-0.15	-0.15	-0.15	18,23,28
	360.0	0.09	0.13	0.12	18,17,28	0.0	0.0	0.0	0,0,0				
	720.0	0.14	0.21	0.18	18,17,28	0.0	0.0	0.0	0,0,0				
68	0.0	0.13	0.24	0.16	18,17,28	0.0	0.0	0.0	0,0,0	0.07	0.06	0.06	18,23,28
	275.7	0.09	0.19	0.11	18,17,28	0.0	0.0	0.0	0,0,0				
	551.4	0.08	0.14	0.10	17,17,28	0.0	0.0	0.0	0,0,0				
69	0.0	0.22	0.39	0.28	18,18,28	0.12	0.14	0.13	18,23,28	-0.13	-0.12	-0.11	18,23,28
	360.0	0.16	0.35	0.19	17,17,28	0.0	0.0	0.0	0,0,0				
	720.0	0.19	0.36	0.23	17,17,28	0.13	0.13	0.12	17,23,28				
70	0.0	0.23	0.45	0.29	18,18,28	0.15	0.17	0.17	18,23,28	-0.12	-0.11	-0.11	18,23,28
	360.0	0.16	0.35	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.19	0.37	0.24	17,17,28	0.13	0.13	0.12	17,23,28				
71	0.0	0.23	0.43	0.28	17,17,28	0.15	0.16	0.16	17,23,28	-0.14	-0.13	-0.13	17,23,28
	360.0	0.17	0.37	0.21	17,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.15	0.32	0.18	18,18,28	0.0	0.0	0.0	0,0,0				
72	0.0	0.04	0.08	0.06	15,15,27	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	15,22,27
	360.0	0.06	0.13	0.08	19,15,27	0.0	0.0	0.0	0,0,0				
	720.0	0.05	0.09	0.06	18,17,28	0.0	0.0	0.0	0,0,0				
73	0.0	3.22e-03	6.11e-03	4.30e-03	15,15,27	0.0	0.0	0.0	0,0,0	-8.92e-04	-8.38e-04	-8.23e-04	18,23,28
	150.0	3.46e-03	7.74e-03	4.57e-03	17,17,28	0.0	0.0	0.0	0,0,0				
	300.0	9.16e-03	0.02	0.01	18,18,28	0.0	0.0	0.0	0,0,0				
74	0.0	0.04	0.07	0.05	17,17,28	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	18,23,28
	360.0	0.06	0.13	0.08	19,15,27	0.0	0.0	0.0	0,0,0				
	720.0	0.05	0.08	0.06	19,15,27	0.0	0.0	0.0	0,0,0				
75	0.0	0.24	0.45	0.29	17,18,28	0.16	0.17	0.17	18,23,28	-0.15	-0.14	-0.13	18,23,28
	360.0	0.17	0.38	0.21	17,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.30	0.16	18,18,28	0.0	0.0	0.0	0,0,0				
76	0.0	0.25	0.48	0.31	18,18,28	0.17	0.19	0.18	18,23,28	-0.12	-0.11	-0.11	18,23,28
	360.0	0.16	0.34	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.18	0.35	0.22	17,17,28	0.12	0.12	0.0	17,23,0				
78	0.0	0.23	0.44	0.28	18,18,28	0.15	0.16	0.16	18,23,28	-0.13	-0.12	-0.12	18,23,28
	360.0	0.16	0.35	0.20	17,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.19	0.36	0.24	17,17,28	0.13	0.12	0.12	17,23,28				
79	0.0	0.13	0.25	0.17	18,18,28	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	17,23,28
	264.0	0.06	0.13	0.08	18,18,28	0.0	0.0	0.0	0,0,0				
	528.0	0.11	0.21	0.14	17,17,28	0.0	0.0	0.0	0,0,0				
80	0.0	0.01	0.06	0.01	18,18,28	0.0	0.0	0.0	0,0,0	8.10e-03	-6.60e-03	-6.60e-03	18,22,27
	280.5	4.34e-03	0.04	5.78e-03	15,15,27	0.0	0.0	0.0	0,0,0				
	561.0	0.04	0.11	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
81	0.0	1.16e-03	2.39e-03	1.44e-03	17,17,28	0.0	0.0	0.0	0,0,0	0.12	0.12	0.11	18,23,28
	110.0	0.06	0.12	0.08	17,17,28	0.0	0.0	0.0	0,0,0				
	220.0	0.16	0.29	0.20	17,17,28	0.0	0.0	0.0	0,0,0				
82	0.0	4.05e-03	8.96e-03	5.26e-03	18,18,28	0.0	0.0	0.0	0,0,0	0.25	0.26	0.26	18,23,28
	110.0	0.12	0.19	0.15	18,18,28	0.0	0.0	0.0	0,0,0				
	220.0	0.26	0.44	0.33	18,18,28	0.15	0.17	0.17	18,23,28				
83	0.0	1.61e-03	2.50e-03	1.98e-03	18,17,28	0.0	0.0	0.0	0,0,0	0.18	0.19	0.19	18,23,28
	110.0	0.10	0.19	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
	220.0	0.23	0.42	0.29	18,18,28	0.15	0.16	0.16	18,23,28				
87	0.0	0.34	0.62	0.39	18,18,28	0.25	0.26	0.25	18,23,28	-0.27	-0.14	-0.14	18,23,28
	360.0	0.23	0.48	0.26	18,18,28	0.22	0.0	0.0	18,0,0				
	720.0	0.30	0.55	0.35	18,18,28	0.21	0.22	0.21	18,23,28				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
90	0.0	0.12	0.17	0.16	18,18,28	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	18,23,28
	360.0	0.09	0.14	0.12	15,18,27	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	15,15,27	0.0	0.0	0.0	0,0,0				
92	0.0	4.18e-04	1.48e-03	5.52e-04	19,19,27	0.0	0.0	0.0	0,0,0	0.19	0.19	0.18	18,23,28
	110.0	0.11	0.25	0.14	17,17,28	0.0	0.0	0.0	0,0,0				
	220.0	0.23	0.38	0.28	17,17,28	0.13	0.13	0.13	17,23,28				
93	0.0	0.01	1.00e-02	0.02	18,18,28	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	15,22,27
	280.5	0.01	7.56e-03	0.01	15,15,27	0.0	0.0	0.0	0,0,0				
	561.0	0.04	0.04	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
97	0.0	0.01	0.02	0.01	18,18,28	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	18,23,28
	150.0	0.02	0.02	0.02	18,18,28	0.0	0.0	0.0	0,0,0				
	300.0	0.05	0.08	0.06	18,18,28	0.0	0.0	0.0	0,0,0				
98	0.0	0.30	0.55	0.34	18,18,28	0.21	0.22	0.21	18,23,28	-0.34	-0.35	-0.33	18,23,28
	360.0	0.25	0.54	0.29	18,18,28	0.24	0.22	0.21	18,23,28				
	720.0	0.30	0.56	0.35	18,18,28	0.22	0.22	0.21	18,23,28				
99	0.0	0.12	0.17	0.15	15,15,27	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	15,22,27
	360.0	0.09	0.13	0.12	15,18,27	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.20	0.18	18,18,28	0.0	0.0	0.0	0,0,0				
101	0.0	0.12	0.18	0.16	15,15,27	0.0	0.0	0.0	0,0,0	-0.17	-0.17	-0.17	15,22,27
	360.0	0.09	0.13	0.12	15,18,27	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	18,18,28	0.0	0.0	0.0	0,0,0				
104	0.0	0.02	0.03	0.03	15,15,27	0.0	0.0	0.0	0,0,0	3.99e-03	3.99e-03	3.99e-03	15,22,27
	150.0	8.91e-04	5.32e-03	1.19e-03	15,18,27	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.06	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
105	0.0	0.01	0.03	0.02	19,19,27	0.0	0.0	0.0	0,0,0	-0.04	-0.04	-0.04	18,23,28
	360.0	0.04	0.09	0.06	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.04	0.09	0.06	15,15,27	0.0	0.0	0.0	0,0,0				
106	0.0	0.12	0.20	0.15	17,17,28	0.0	0.0	0.0	0,0,0	0.06	0.06	0.05	18,23,28
	264.0	0.09	0.25	0.11	17,18,28	0.0	0.0	0.0	0,0,0				
	528.0	0.14	0.22	0.17	18,18,28	0.0	0.0	0.0	0,0,0				
107	0.0	0.16	0.27	0.19	18,18,28	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	18,23,28
	264.0	0.10	0.25	0.12	17,18,28	0.0	0.0	0.0	0,0,0				
	528.0	0.17	0.29	0.20	18,18,28	0.0	0.0	0.0	0,0,0				
110	0.0	0.32	0.48	0.38	17,17,28	0.17	0.18	0.17	17,23,28	-0.53	-0.50	-0.49	17,23,28
	360.0	0.27	0.63	0.32	18,18,28	0.29	0.29	0.28	18,23,28				
	720.0	0.22	0.39	0.27	18,18,28	0.13	0.13	0.13	18,23,28				
113	0.0	0.32	0.54	0.38	18,18,28	0.20	0.22	0.21	18,23,28	-0.36	-0.35	-0.34	18,23,28
	360.0	0.23	0.55	0.28	18,17,28	0.25	0.24	0.23	17,23,28				
	720.0	0.26	0.41	0.32	17,17,28	0.13	0.14	0.14	17,23,28				
114	0.0	0.29	0.46	0.35	18,18,28	0.16	0.17	0.16	18,23,28	-0.38	-0.37	-0.35	18,23,28
	360.0	0.24	0.57	0.29	18,17,28	0.26	0.24	0.23	17,23,28				
	720.0	0.27	0.45	0.32	17,17,28	0.16	0.17	0.16	17,23,28				
115	0.0	0.32	0.48	0.38	17,17,28	0.17	0.18	0.17	17,23,28	-0.53	-0.50	-0.49	17,23,28
	360.0	0.27	0.63	0.32	18,18,28	0.29	0.29	0.28	18,23,28				
	720.0	0.22	0.38	0.26	18,18,28	0.13	0.13	0.12	18,23,28				
116	0.0	0.01	0.02	0.02	15,15,27	0.0	0.0	0.0	0,0,0	5.09e-03	5.01e-03	4.98e-03	18,23,28
	150.0	0.0	4.33e-03	0.0	0,18,0	0.0	0.0	0.0	0,0,0				
	300.0	0.04	0.07	0.06	18,18,28	0.0	0.0	0.0	0,0,0				
119	0.0	0.32	0.55	0.39	18,18,28	0.21	0.22	0.21	18,23,28	-0.35	-0.35	-0.34	17,23,28
	360.0	0.23	0.55	0.28	17,17,28	0.25	0.23	0.22	17,23,28				
	720.0	0.26	0.40	0.31	17,17,28	0.13	0.14	0.13	17,23,28				
120	0.0	0.30	0.51	0.36	18,18,28	0.18	0.20	0.19	18,23,28	-0.43	-0.38	-0.37	18,23,28
	360.0	0.25	0.58	0.29	18,18,28	0.26	0.25	0.24	18,23,28				
	720.0	0.28	0.48	0.34	17,17,28	0.17	0.18	0.18	17,23,28				
121	0.0	0.12	0.18	0.16	15,15,27	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	15,22,27
	360.0	0.09	0.13	0.12	18,19,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	18,18,28	0.0	0.0	0.0	0,0,0				
122	0.0	0.02	0.02	0.02	15,15,27	0.0	0.0	0.0	0,0,0	1.43e-03	1.43e-03	1.43e-03	15,22,27
	150.0	7.28e-03	9.91e-03	9.65e-03	18,19,28	0.0	0.0	0.0	0,0,0				
	300.0	0.03	0.04	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
127	0.0	0.12	0.18	0.16	18,18,28	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	18,23,28
	360.0	0.09	0.13	0.12	18,19,28	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.19	0.17	15,15,27	0.0	0.0	0.0	0,0,0				
128	0.0	0.12	0.18	0.16	15,15,27	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	15,22,27
	360.0	0.09	0.13	0.12	15,19,27	0.0	0.0	0.0	0,0,0				
	720.0	0.13	0.20	0.17	18,18,28	0.0	0.0	0.0	0,0,0				
151	0.0	0.23	0.48	0.27	18,18,28	0.19	0.19	0.18	18,23,28	-0.11	-0.10	-0.10	18,23,28
	360.0	0.14	0.29	0.17	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.17	0.36	0.21	18,18,28	0.0	0.0	0.0	0,0,0				
168	0.0	0.33	0.60	0.38	18,18,28	0.24	0.25	0.24	18,23,28	-0.28	-0.15	-0.14	18,23,28
	360.0	0.23	0.49	0.27	18,18,28	0.22	0.0	0.0	18,0,0				
	720.0	0.31	0.56	0.35	18,18,28	0.22	0.22	0.21	18,23,28				
170	0.0	0.01	0.02	0.02	15,15,27	0.0	0.0	0.0	0,0,0	1.98e-03	1.93e-03	1.92e-03	18,23,28
	150.0	7.18e-03	9.59e-03	9.52e-03	18,19,28	0.0	0.0	0.0	0,0,0				

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
171	300.0	0.03	0.05	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.12	0.18	0.16	18,21,28	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	18,23,28
	360.0	0.09	0.13	0.12	18,19,28	0.0	0.0	0.0	0,0,0				
173	720.0	0.13	0.19	0.17	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.02	0.05	0.02	18,18,28	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	18,23,28
	150.0	0.03	0.07	0.04	18,18,28	0.0	0.0	0.0	0,0,0				
174	300.0	0.08	0.18	0.10	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.08	0.11	0.11	15,15,27	0.0	0.0	0.0	0,0,0	-0.14	-0.14	-0.14	15,22,27
	360.0	0.08	0.11	0.11	19,15,27	0.0	0.0	0.0	0,0,0				
175	720.0	0.01	0.02	0.02	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.03	0.04	0.03	18,18,28	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	18,23,28
	150.0	9.20e-03	0.01	0.01	15,15,27	0.0	0.0	0.0	0,0,0				
176	300.0	0.04	0.06	0.05	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.12	0.18	0.16	19,19,27	0.0	0.0	0.0	0,0,0	-0.16	-0.16	-0.16	18,23,28
	360.0	0.09	0.13	0.12	18,15,28	0.0	0.0	0.0	0,0,0				
177	720.0	0.13	0.20	0.18	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.13	0.23	0.16	17,17,28	0.0	0.0	0.0	0,0,0	0.07	0.07	0.07	18,23,28
	275.7	0.09	0.19	0.11	17,17,28	0.0	0.0	0.0	0,0,0				
179	551.4	0.08	0.12	0.09	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.23	0.45	0.29	18,18,28	0.16	0.17	0.17	18,23,28	-0.12	-0.11	-0.11	18,23,28
	360.0	0.15	0.35	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
180	720.0	0.19	0.33	0.23	17,17,28	0.10	0.11	0.10	17,23,28				
	0.0	0.22	0.39	0.28	17,17,28	0.12	0.14	0.13	17,23,28	-0.15	-0.14	-0.14	17,23,28
	360.0	0.18	0.39	0.22	18,18,28	0.0	0.0	0.0	0,0,0				
181	720.0	0.11	0.23	0.14	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.04	0.08	0.06	15,15,27	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	15,22,27
	360.0	0.06	0.14	0.08	19,15,27	0.0	0.0	0.0	0,0,0				
182	720.0	0.05	0.09	0.06	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	5.35e-03	7.44e-03	7.13e-03	15,15,27	0.0	0.0	0.0	0,0,0	-5.25e-04	-4.95e-04	-4.86e-04	18,23,28
	150.0	2.19e-03	1.86e-03	2.81e-03	18,18,28	0.0	0.0	0.0	0,0,0				
183	300.0	0.01	0.02	0.01	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.04	0.07	0.05	17,17,28	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	18,23,28
	360.0	0.06	0.14	0.08	19,19,27	0.0	0.0	0.0	0,0,0				
184	720.0	0.05	0.08	0.06	15,19,27	0.0	0.0	0.0	0,0,0				
	0.0	0.23	0.39	0.28	17,17,28	0.13	0.14	0.14	17,23,28	-0.15	-0.14	-0.14	17,23,28
	360.0	0.18	0.39	0.22	18,18,28	0.0	0.0	0.0	0,0,0				
185	720.0	0.11	0.21	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.24	0.47	0.30	18,18,28	0.16	0.18	0.18	18,23,28	-0.12	-0.11	-0.11	18,23,28
	360.0	0.15	0.34	0.19	18,18,28	0.0	0.0	0.0	0,0,0				
187	720.0	0.18	0.32	0.23	17,17,28	0.10	0.10	0.10	17,23,28				
	0.0	0.22	0.43	0.27	18,18,28	0.15	0.16	0.15	18,23,28	-0.13	-0.12	-0.12	18,23,28
	360.0	0.16	0.36	0.20	17,18,28	0.0	0.0	0.0	0,0,0				
188	720.0	0.20	0.38	0.24	17,17,28	0.13	0.13	0.13	17,23,28				
	0.0	0.11	0.19	0.14	17,18,28	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	18,23,28
	264.0	0.06	0.14	0.08	17,18,28	0.0	0.0	0.0	0,0,0				
192	528.0	0.13	0.25	0.16	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	2.06e-03	1.48e-03	2.75e-03	15,15,27	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	18,23,28
	360.0	0.06	0.11	0.07	18,18,28	0.0	0.0	0.0	0,0,0				
193	720.0	0.03	0.06	0.04	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.17	0.39	0.20	18,18,28	0.0	0.0	0.0	0,0,0	0.06	0.06	0.05	17,23,28
	264.0	0.08	0.20	0.10	18,18,28	0.0	0.0	0.0	0,0,0				
194	528.0	0.18	0.35	0.21	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.21	0.48	0.25	18,18,28	0.22	0.0	0.0	18,0,0	0.03	0.03	0.03	15,22,27
	264.0	0.08	0.19	0.09	18,18,28	0.0	0.0	0.0	0,0,0				
195	528.0	0.18	0.36	0.21	18,18,28	0.14	0.0	0.0	18,0,0				
	0.0	1.28e-03	2.17e-03	1.59e-03	17,17,28	0.0	0.0	0.0	0,0,0	0.11	0.11	0.10	18,23,28
	110.0	0.06	0.10	0.07	18,18,28	0.0	0.0	0.0	0,0,0				
197	220.0	0.15	0.25	0.18	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	2.43e-03	0.01	3.24e-03	17,18,28	0.0	0.0	0.0	0,0,0	0.21	0.22	0.20	18,23,28
	110.0	0.11	0.16	0.14	18,18,28	0.0	0.0	0.0	0,0,0				
198	220.0	0.23	0.37	0.30	18,18,28	0.12	0.13	0.13	18,23,28				
	0.0	0.08	0.12	0.11	15,15,27	0.0	0.0	0.0	0,0,0	-0.06	-0.06	-0.06	15,22,27
	280.5	0.05	0.08	0.07	15,15,27	0.0	0.0	0.0	0,0,0				
199	561.0	0.12	0.17	0.16	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.34	0.63	0.39	18,18,28	0.25	0.27	0.26	18,23,28	-0.31	-0.27	-0.21	18,23,28
	360.0	0.24	0.52	0.28	18,18,28	0.23	0.21	0.20	18,23,28				
200	720.0	0.27	0.51	0.32	18,18,28	0.20	0.19	0.18	18,23,28				
	0.0	0.04	0.06	0.06	15,15,27	0.0	0.0	0.0	0,0,0	0.08	0.07	0.07	18,23,28
	150.0	0.01	0.02	0.02	15,17,27	0.0	0.0	0.0	0,0,0				
201	300.0	0.08	0.11	0.10	18,18,28	0.0	0.0	0.0	0,0,0				
	0.0	0.14	0.20	0.19	18,18,28	0.0	0.0	0.0	0,0,0	-0.21	-0.21	-0.21	18,23,28
	360.0	0.10	0.14	0.14	18,18,28	0.0	0.0	0.0	0,0,0				
202	720.0	0.15	0.20	0.20	15,15,27	0.0	0.0	0.0	0,0,0				
	0.0	0.06	0.07	0.07	15,15,27	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	18,23,28

Trave	Pos.	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb	dR	dF	dP	Rif. cmb
	150.0	0.03	0.03	0.04	19,15,27	0.0	0.0	0.0	0,0,0				
	300.0	0.09	0.12	0.12	18,18,28	0.0	0.0	0.0	0,0,0				
203	0.0	0.23	0.32	0.31	15,15,27	0.10	0.11	0.11	15,22,27	-0.19	-0.19	-0.19	15,22,27
	280.5	0.16	0.22	0.21	15,15,27	0.0	0.0	0.0	0,0,0				
	561.0	0.27	0.37	0.35	18,18,28	0.12	0.13	0.13	18,23,28				
204	0.0	0.14	0.20	0.19	17,17,28	0.0	0.0	0.0	0,0,0	-0.21	-0.21	-0.21	18,23,28
	360.0	0.10	0.14	0.14	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.15	0.21	0.20	15,15,27	0.0	0.0	0.0	0,0,0				
205	0.0	1.16e-03	3.54e-03	1.36e-03	18,17,28	0.0	0.0	0.0	0,0,0	0.18	0.19	0.19	18,23,28
	110.0	0.10	0.19	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
	220.0	0.23	0.42	0.29	18,18,28	0.15	0.16	0.16	18,23,28				
207	0.0	0.35	0.63	0.41	18,18,28	0.26	0.27	0.26	18,23,28	-0.52	-0.48	-0.46	18,23,28
	360.0	0.28	0.59	0.33	18,18,28	0.27	0.25	0.24	18,23,28				
	720.0	0.22	0.45	0.26	18,18,28	0.21	0.0	0.0	18,0,0				
208	0.0	0.05	0.07	0.06	15,15,27	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	18,23,28
	150.0	0.03	0.04	0.04	21,17,28	0.0	0.0	0.0	0,0,0				
	300.0	0.10	0.14	0.13	18,18,28	0.0	0.0	0.0	0,0,0				
210	0.0	0.23	0.32	0.30	15,15,27	0.10	0.11	0.11	15,22,27	-0.19	-0.19	-0.19	15,22,27
	280.5	0.16	0.22	0.21	15,15,27	0.0	0.0	0.0	0,0,0				
	561.0	0.27	0.38	0.35	18,18,28	0.12	0.14	0.14	18,23,28				
211	0.0	0.14	0.20	0.19	18,18,28	0.0	0.0	0.0	0,0,0	-0.23	-0.23	-0.23	18,23,28
	360.0	0.11	0.15	0.14	18,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.14	0.20	0.19	15,15,27	0.0	0.0	0.0	0,0,0				
213	0.0	0.25	0.48	0.31	18,18,28	0.17	0.19	0.18	18,23,28	-0.12	-0.11	-0.11	18,23,28
	360.0	0.16	0.34	0.19	17,18,28	0.0	0.0	0.0	0,0,0				
	720.0	0.18	0.34	0.22	17,17,28	0.12	0.0	0.0	17,0,0				
Trave		rRfck	rRfyk	rPfck		wR	wF	wP		dR	dF	dP	
										-0.53	-0.50	-0.49	
		0.35	0.63	0.41		0.29	0.29	0.28		0.26	0.26	0.26	

STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO

LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)

Le verifiche RES per SLD sono effettuate in accordo alle Norme Tecniche 17 Gennaio 2018 e alla circolare n.7 del 21 gennaio 2019 nonché alle linee guida del Consiglio Superiore LL.PP. “Linee guida per la Progettazione, l'Esecuzione ed il Collaudo di Interventi di Rinforzo di strutture di c.a., c.a.p. e murarie mediante FRP”.

Le verifiche RES per SLD, sono riportate nelle successive tabelle nella forma di rapporto “domanda” su “capacità” e hanno esito positivo quando il rapporto è non superiore al valore unitario.

La “domanda” è ottenuta direttamente dall’analisi per le previste combinazioni SLD (NTC18 2.5.3. COMBINAZIONI DELLE AZIONI formula [2.5.5]).

Per “capacità” si intende qui il valore della sollecitazione corrispondente al raggiungimento dello stato limite di danno per la sezione: per la resistenza flessionale questo stato limite si identifica con la tensione di snervamento dell’acciaio o la resistenza massima a compressione per il calcestruzzo e la muratura. Lo stato limite di danno si ritiene attinto anche in caso di superamento della resistenza a taglio.

Le resistenze flessionali sono valutate utilizzando i legami costitutivi del materiale limitati al solo tratto elastico, ottenendo così resistenze sostanzialmente elastiche come previsto dalla norma.

Simbologia adottata nelle tabelle di verifica

Per le verifiche agli SLD di pilastri, travi setti e gusci in c.a. è presente una tabella con i simboli di seguito descritti:

Pilas./Trave/ Setto/Guscio	numero identificativo dell'elemento D2 o D3
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Pos.	Posizione nell'elemento della sezione per la quale si riporta la verifica
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} lato cls: valore minore o uguale a 1 per verifica positiva
V V/T acc	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} lato acciaio: valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

TABELLA VERIFICHE ELEMENTI D2 TRAVI C.A.

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Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		cm					cm				
1	ok	0.0	0.42	0.06	0.04	78,92,78	360.0	0.13	0.02	0.03	87,92,79
		720.0	0.42	0.06	0.04	79,89,79					
3	ok	0.0	0.76	0.26	0.35	64,76,67	360.0	0.51	0.07	0.10	64,76,67
		720.0	0.78	0.23	0.31	66,66,66					
4	ok	0.0	0.32	0.07	0.03	86,84,86	360.0	0.16	0.04	0.04	87,81,87
		720.0	0.22	0.06	0.03	87,81,87					
5	ok	0.0	0.62	0.13	0.07	87,87,87	150.0	0.10	0.14	0.20	87,87,87
		300.0	0.62	0.15	0.09	87,87,87					
6	ok	0.0	0.43	0.06	0.04	86,92,86	360.0	0.15	0.03	0.03	87,89,87
		720.0	0.45	0.07	0.04	87,89,87					
7	ok	0.0	0.68	0.17	0.20	76,76,76	275.7	0.17	0.08	0.15	76,73,73

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
9	ok	551.4	0.48	0.17	0.20	73,73,73					
		0.0	0.63	0.20	0.26	71,92,76	360.0	0.33	0.06	0.06	79,89,76
		720.0	0.59	0.21	0.25	73,89,73					
10	ok	0.0	0.65	0.23	0.29	71,92,76	360.0	0.34	0.08	0.09	83,92,76
		720.0	0.50	0.19	0.24	73,66,73					
11	ok	0.0	0.70	0.16	0.20	82,80,82	360.0	0.09	0.13	0.20	81,83,83
		720.0	0.81	0.18	0.21	83,83,83					
12	ok	0.0	0.66	0.30	0.43	82,82,82	150.0	0.02	0.30	0.42	70,83,83
		300.0	0.67	0.31	0.44	77,83,83					
13	ok	0.0	0.79	0.17	0.20	82,80,80	360.0	0.09	0.13	0.19	78,80,80
		720.0	0.70	0.16	0.20	77,83,77					
14	ok	0.0	0.66	0.24	0.29	64,87,67	360.0	0.34	0.09	0.10	80,87,67
		720.0	0.49	0.19	0.24	66,73,66					
15	ok	0.0	0.65	0.21	0.27	64,87,67	360.0	0.31	0.07	0.07	86,87,67
		720.0	0.59	0.20	0.25	66,86,66					
17	ok	0.0	0.60	0.20	0.26	64,64,67	360.0	0.34	0.05	0.06	82,67,67
		720.0	0.61	0.19	0.26	66,66,66					
18	ok	0.0	0.61	0.23	0.24	64,87,67	264.0	0.13	0.13	0.11	90,87,67
		528.0	0.51	0.23	0.23	66,86,66					
20	ok	0.0	0.02	0.16	0.03	67,86,86	110.0	0.13	0.21	0.10	76,86,86
		220.0	0.31	0.25	0.15	76,86,86					
21	ok	0.0	0.01	0.21	0.03	67,86,74	110.0	0.19	0.27	0.10	69,86,74
		220.0	0.46	0.31	0.15	74,86,74					
22	ok	0.0	0.02	0.21	0.03	72,87,87	110.0	0.16	0.26	0.09	67,87,87
		220.0	0.36	0.30	0.13	87,87,87					
29	ok	0.0	0.02	0.24	0.04	87,89,92	110.0	0.25	0.31	0.13	76,89,92
		220.0	0.36	0.36	0.19	76,89,92					
30	ok	0.0	0.83	0.26	0.34	87,92,86	280.5	0.09	0.27	0.47	92,89,87
		561.0	0.90	0.28	0.38	86,89,87					
34	ok	0.0	0.84	0.44	0.62	87,89,87	150.0	0.24	0.45	0.64	86,89,87
		300.0	0.87	0.46	0.65	87,89,87					
39	ok	0.0	0.95	0.16	0.18	86,92,86	360.0	0.15	0.13	0.19	87,89,87
		720.0	0.75	0.17	0.19	87,89,87					
40	ok	0.0	0.90	0.30	0.40	71,71,76	264.0	0.24	0.17	0.28	73,71,76
		528.0	0.84	0.30	0.40	73,70,73					
41	ok	0.0	0.82	0.37	0.38	67,87,67	264.0	0.26	0.23	0.23	73,87,67
		528.0	0.71	0.34	0.37	66,86,66					
44	ok	0.0	0.90	0.31	0.42	71,67,71	360.0	0.54	0.11	0.15	71,67,71
		720.0	0.86	0.29	0.39	70,73,70					
47	ok	0.0	0.85	0.30	0.40	76,67,76	360.0	0.48	0.09	0.13	66,67,76
		720.0	0.78	0.28	0.38	73,73,73					
48	ok	0.0	0.94	0.32	0.41	71,67,71	360.0	0.52	0.11	0.15	73,67,71
		720.0	0.80	0.29	0.38	70,66,70					
49	ok	0.0	0.90	0.31	0.42	67,67,67	360.0	0.54	0.11	0.15	64,67,67
		720.0	0.86	0.29	0.39	66,66,66					
51	ok	0.0	0.86	0.30	0.40	67,67,67	360.0	0.47	0.09	0.13	62,67,67
		720.0	0.78	0.28	0.38	66,66,66					
52	ok	0.0	0.82	0.29	0.39	67,67,67	360.0	0.49	0.08	0.12	81,67,67
		720.0	0.79	0.28	0.38	66,66,66					
53	ok	0.0	0.52	0.07	0.04	82,80,82	360.0	0.13	0.04	0.04	80,87,83
		720.0	0.56	0.08	0.04	83,87,83					
54	ok	0.0	0.68	0.14	0.09	82,80,82	150.0	0.02	0.13	0.20	87,77,83
		300.0	0.71	0.14	0.09	83,77,83					
58	ok	0.0	0.55	0.07	0.04	82,92,82	360.0	0.13	0.04	0.04	77,89,83
		720.0	0.54	0.07	0.04	83,89,83					
59	ok	0.0	0.49	0.08	0.04	78,80,78	360.0	0.12	0.04	0.04	80,87,79
		720.0	0.54	0.08	0.04	79,87,79					
61	ok	0.0	0.62	0.13	0.08	79,80,78	150.0	0.02	0.13	0.20	92,87,79
		300.0	0.67	0.15	0.09	79,87,79					
62	ok	0.0	0.52	0.08	0.04	78,92,78	360.0	0.12	0.04	0.04	83,89,79
		720.0	0.52	0.08	0.04	79,89,79					
64	ok	0.0	0.02	0.16	0.04	67,89,76	110.0	0.23	0.23	0.12	76,89,76
		220.0	0.54	0.27	0.17	76,89,76					
65	ok	0.0	0.50	0.07	0.03	86,80,86	360.0	0.21	0.04	0.05	86,80,87
		720.0	0.30	0.06	0.03	86,77,87					
66	ok	0.0	0.73	0.16	0.09	86,92,87	150.0	0.13	0.16	0.26	86,89,87
		300.0	0.59	0.17	0.11	87,89,87					
67	ok	0.0	0.59	0.08	0.04	86,92,86	360.0	0.15	0.04	0.04	86,89,87
		720.0	0.53	0.08	0.04	87,89,87					
68	ok	0.0	0.80	0.27	0.31	76,76,76	275.7	0.23	0.14	0.27	76,73,73
		551.4	0.61	0.25	0.30	73,73,73					
69	ok	0.0	0.94	0.31	0.41	76,64,76	360.0	0.44	0.13	0.21	78,64,76
		720.0	0.94	0.30	0.40	73,73,73					
70	ok	0.0	0.83	0.27	0.36	71,76,76	360.0	0.35	0.09	0.14	77,76,76

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		720.0	0.78	0.26	0.35	73,73,73					
71	ok	0.0	0.87	0.28	0.39	71,76,76	360.0	0.38	0.11	0.17	71,76,76
		720.0	0.98	0.26	0.35	73,73,73					
72	ok	0.0	0.74	0.23	0.29	82,80,82	360.0	0.15	0.16	0.28	82,80,83
		720.0	0.86	0.21	0.29	83,77,83					
73	ok	0.0	0.93	0.56	0.65	77,80,82	150.0	9.52e-03	0.54	0.64	73,77,83
		300.0	0.92	0.56	0.66	82,77,83					
74	ok	0.0	0.85	0.21	0.29	77,82,80	360.0	0.15	0.16	0.27	85,83,80
		720.0	0.74	0.22	0.30	77,83,77					
75	ok	0.0	0.89	0.30	0.39	64,67,67	360.0	0.39	0.13	0.18	64,67,67
		720.0	0.97	0.26	0.35	66,66,66					
76	ok	0.0	0.87	0.28	0.37	64,67,67	360.0	0.35	0.11	0.15	82,67,67
		720.0	0.77	0.26	0.35	66,66,66					
78	ok	0.0	0.81	0.28	0.36	67,67,67	360.0	0.34	0.10	0.14	80,67,67
		720.0	0.78	0.26	0.35	66,66,66					
79	ok	0.0	0.88	0.28	0.37	67,64,67	264.0	0.18	0.16	0.26	74,66,67
		528.0	0.74	0.28	0.36	66,66,66					
80	ok	0.0	0.95	0.20	0.26	87,86,86	280.5	0.08	0.19	0.35	87,87,87
		561.0	0.84	0.21	0.29	87,87,87					
81	ok	0.0	0.01	0.20	0.03	63,86,92	110.0	0.12	0.26	0.12	76,86,92
		220.0	0.28	0.30	0.18	76,86,92					
82	ok	0.0	0.03	0.42	0.07	67,86,65	110.0	0.18	0.48	0.14	85,86,65
		220.0	0.40	0.52	0.19	73,86,65					
83	ok	0.0	0.03	0.37	0.07	76,87,87	110.0	0.20	0.43	0.14	67,87,87
		220.0	0.43	0.47	0.19	87,87,87					
87	ok	0.0	0.71	0.24	0.32	67,67,67	360.0	0.40	0.05	0.06	62,67,67
		720.0	0.67	0.23	0.31	66,66,66					
90	ok	0.0	0.44	0.06	0.04	82,82,82	360.0	0.13	0.02	0.03	91,89,83
		720.0	0.42	0.06	0.04	83,89,83					
92	ok	0.0	0.01	0.23	0.04	67,89,92	110.0	0.26	0.30	0.13	76,89,92
		220.0	0.37	0.35	0.19	76,89,92					
93	ok	0.0	0.89	0.26	0.33	86,92,86	280.5	0.06	0.25	0.44	86,89,87
		561.0	0.90	0.27	0.35	87,89,87					
97	ok	0.0	0.78	0.41	0.55	86,89,87	150.0	0.25	0.42	0.57	86,89,87
		300.0	0.96	0.43	0.58	87,89,87					
98	ok	0.0	0.66	0.23	0.32	68,71,67	360.0	0.45	0.04	0.05	82,61,66
		720.0	0.68	0.23	0.32	66,61,66					
99	ok	0.0	0.40	0.06	0.04	78,80,78	360.0	0.13	0.03	0.03	92,80,79
		720.0	0.46	0.06	0.04	79,77,79					
101	ok	0.0	0.41	0.06	0.04	82,86,82	360.0	0.13	0.02	0.03	90,86,83
		720.0	0.46	0.06	0.04	83,87,83					
104	ok	0.0	0.46	0.09	0.06	82,78,82	150.0	4.98e-03	0.08	0.13	88,79,83
		300.0	0.48	0.10	0.06	83,79,83					
105	ok	0.0	0.87	0.16	0.17	86,92,86	360.0	0.17	0.13	0.18	87,89,87
		720.0	0.69	0.16	0.18	87,89,87					
106	ok	0.0	0.90	0.34	0.45	71,71,76	264.0	0.24	0.21	0.35	73,70,73
		528.0	0.88	0.35	0.47	73,70,73					
107	ok	0.0	0.95	0.37	0.42	67,87,67	264.0	0.27	0.22	0.28	73,87,66
		528.0	0.87	0.36	0.42	66,86,66					
110	ok	0.0	0.88	0.34	0.45	71,67,71	360.0	0.62	0.13	0.20	76,67,71
		720.0	0.98	0.31	0.42	70,73,70					
113	ok	0.0	0.94	0.31	0.41	76,67,76	360.0	0.47	0.10	0.15	90,67,76
		720.0	0.75	0.30	0.40	70,73,73					
114	ok	0.0	0.87	0.33	0.43	71,76,76	360.0	0.54	0.12	0.18	73,76,76
		720.0	0.93	0.32	0.42	73,66,73					
115	ok	0.0	0.88	0.33	0.45	67,67,67	360.0	0.62	0.13	0.20	64,67,67
		720.0	0.97	0.31	0.42	66,66,66					
116	ok	0.0	0.43	0.09	0.06	78,80,78	150.0	9.02e-03	0.09	0.13	87,87,79
		300.0	0.49	0.11	0.06	79,87,79					
119	ok	0.0	0.97	0.31	0.42	67,67,67	360.0	0.47	0.11	0.15	81,67,67
		720.0	0.75	0.30	0.40	66,66,66					
120	ok	0.0	0.91	0.30	0.41	67,67,67	360.0	0.51	0.10	0.15	67,67,67
		720.0	0.89	0.30	0.41	74,66,66					
121	ok	0.0	0.52	0.07	0.04	82,86,82	360.0	0.13	0.04	0.04	82,87,83
		720.0	0.55	0.08	0.04	77,87,83					
122	ok	0.0	0.68	0.14	0.09	82,80,82	150.0	0.01	0.13	0.20	89,77,83
		300.0	0.70	0.14	0.09	83,77,83					
127	ok	0.0	0.54	0.07	0.04	82,82,82	360.0	0.13	0.04	0.04	77,89,83
		720.0	0.53	0.07	0.04	77,89,83					
128	ok	0.0	0.48	0.08	0.04	78,80,78	360.0	0.13	0.04	0.04	80,80,79
		720.0	0.52	0.08	0.04	79,87,79					
151	ok	0.0	0.73	0.24	0.28	71,87,76	360.0	0.34	0.11	0.09	81,89,76
		720.0	0.61	0.26	0.26	73,89,73					
168	ok	0.0	0.69	0.24	0.32	71,87,76	360.0	0.41	0.05	0.05	81,87,76

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
170	ok	720.0	0.67	0.24	0.32	73,89,73					
		0.0	0.61	0.13	0.08	78,86,78	150.0	0.02	0.13	0.18	92,87,79
		300.0	0.64	0.14	0.08	79,87,79					
171	ok	0.0	0.50	0.08	0.04	78,92,78	360.0	0.13	0.04	0.04	77,92,79
		720.0	0.50	0.08	0.04	79,89,79					
173	ok	0.0	0.35	0.23	0.33	86,87,87	150.0	0.28	0.24	0.35	87,87,87
		300.0	0.83	0.25	0.36	87,87,87					
174	ok	0.0	0.50	0.07	0.03	86,80,86	360.0	0.21	0.04	0.04	86,77,87
		720.0	0.30	0.06	0.03	86,77,87					
175	ok	0.0	0.77	0.18	0.09	86,92,86	150.0	0.16	0.17	0.24	86,92,87
		300.0	0.64	0.17	0.10	86,89,87					
176	ok	0.0	0.58	0.08	0.04	86,92,86	360.0	0.15	0.04	0.04	86,89,87
		720.0	0.49	0.08	0.04	87,89,87					
177	ok	0.0	0.93	0.30	0.35	76,76,76	275.7	0.24	0.17	0.33	76,73,73
		551.4	0.68	0.29	0.34	76,73,73					
179	ok	0.0	0.92	0.28	0.38	71,76,76	360.0	0.33	0.11	0.16	77,76,76
		720.0	0.74	0.28	0.37	73,73,73					
180	ok	0.0	0.85	0.32	0.42	71,76,76	360.0	0.44	0.14	0.22	71,76,76
		720.0	0.91	0.28	0.38	73,73,73					
181	ok	0.0	0.74	0.23	0.29	82,80,82	360.0	0.20	0.17	0.27	80,80,83
		720.0	0.88	0.20	0.29	82,77,83					
182	ok	0.0	0.83	0.59	0.69	80,80,80	150.0	7.33e-03	0.57	0.67	67,77,77
		300.0	0.84	0.59	0.69	77,77,77					
183	ok	0.0	0.88	0.20	0.29	77,82,80	360.0	0.20	0.16	0.27	83,83,80
		720.0	0.75	0.23	0.29	77,83,77					
184	ok	0.0	0.87	0.33	0.43	67,67,67	360.0	0.45	0.15	0.23	64,67,67
		720.0	0.91	0.28	0.38	66,66,66					
185	ok	0.0	0.97	0.30	0.39	67,67,67	360.0	0.33	0.12	0.18	88,67,67
		720.0	0.73	0.28	0.37	66,66,66					
187	ok	0.0	0.91	0.29	0.38	67,67,67	360.0	0.37	0.11	0.16	87,67,67
		720.0	0.86	0.28	0.37	66,66,66					
188	ok	0.0	0.86	0.31	0.41	67,64,67	264.0	0.20	0.19	0.32	69,64,66
		528.0	0.89	0.31	0.42	66,66,66					
192	ok	0.0	0.57	0.11	0.13	86,92,86	360.0	0.13	0.08	0.12	87,89,87
		720.0	0.44	0.11	0.14	87,89,87					
193	ok	0.0	0.89	0.23	0.28	76,83,76	264.0	0.19	0.11	0.14	62,83,73
		528.0	0.66	0.23	0.29	73,81,73					
194	ok	0.0	0.85	0.29	0.28	67,87,67	264.0	0.19	0.16	0.10	74,87,67
		528.0	0.56	0.27	0.27	66,86,66					
195	ok	0.0	0.01	0.20	0.03	63,86,92	110.0	0.10	0.26	0.12	68,86,92
		220.0	0.23	0.30	0.18	76,86,92					
197	ok	0.0	0.03	0.42	0.06	64,86,65	110.0	0.15	0.48	0.14	65,86,65
		220.0	0.33	0.52	0.19	65,86,65					
198	ok	0.0	0.32	0.08	0.04	86,78,86	280.5	0.09	0.05	0.04	86,78,87
		561.0	0.39	0.07	0.05	87,70,87					
199	ok	0.0	0.78	0.29	0.34	71,92,71	360.0	0.46	0.10	0.07	73,92,71
		720.0	0.66	0.28	0.32	70,86,70					
200	ok	0.0	0.11	0.05	0.02	92,82,92	150.0	0.06	0.04	0.03	92,70,89
		300.0	0.22	0.06	0.03	89,70,89					
201	ok	0.0	0.40	0.09	0.05	86,92,86	360.0	0.16	0.05	0.02	87,92,87
		720.0	0.33	0.08	0.05	87,71,87					
202	ok	0.0	0.19	0.08	0.04	92,76,92	150.0	0.10	0.07	0.06	89,91,89
		300.0	0.37	0.08	0.05	89,91,89					
203	ok	0.0	0.56	0.14	0.10	86,82,86	280.5	0.22	0.06	0.05	86,89,87
		561.0	0.65	0.14	0.10	87,89,87					
204	ok	0.0	0.42	0.09	0.05	86,92,86	360.0	0.16	0.05	0.02	87,92,87
		720.0	0.35	0.08	0.05	87,83,87					
205	ok	0.0	0.02	0.36	0.07	76,87,87	110.0	0.20	0.42	0.14	87,87,87
		220.0	0.43	0.46	0.19	87,87,87					
207	ok	0.0	0.76	0.26	0.35	71,67,71	360.0	0.51	0.07	0.10	71,67,71
		720.0	0.78	0.23	0.31	70,73,70					
208	ok	0.0	0.20	0.07	0.04	92,76,92	150.0	0.10	0.07	0.07	91,83,89
		300.0	0.38	0.09	0.05	89,83,89					
210	ok	0.0	0.58	0.14	0.10	86,82,86	280.5	0.22	0.05	0.05	86,82,87
		561.0	0.67	0.12	0.10	87,73,87					
211	ok	0.0	0.34	0.08	0.05	86,92,86	360.0	0.14	0.04	0.01	63,92,86
		720.0	0.28	0.07	0.05	87,83,87					
213	ok	0.0	0.99	0.29	0.39	76,67,76	360.0	0.35	0.11	0.18	61,67,76
		720.0	0.82	0.28	0.36	73,89,73					
Trave			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			0.99	0.59	0.69						

DEFINIZIONE DELLE COMBINAZIONI (INCR. 1.4)

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

La prima tabella delle combinazioni riportata di seguito comprende le seguenti informazioni: Numero, Tipo, Sigla identificativa. Una seconda tabella riporta il peso nella combinazione assunto per ogni caso di carico.

Ai fini delle verifiche degli stati limite si definiscono le seguenti combinazioni delle azioni:

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Combinazione eccezionale, impiegata per gli stati limite connessi alle azioni eccezionali

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini,...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli $\leq 30kN$)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli $> 30kN$)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota ≤ 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:

- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

	Coefficiente	EQU	A1	A2
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		γ_f			
<i>Carichi permanenti</i>	<i>Favorevoli</i>	γ_{G1}	<i>0,9</i>	<i>1,0</i>	<i>1,0</i>
	<i>Sfavorevoli</i>		<i>1,1</i>	<i>1,3</i>	<i>1,0</i>
<i>Carichi permanenti non strutturali</i> <i>(Non compiutamente definiti)</i>	<i>Favorevoli</i>	γ_{G2}	<i>0,8</i>	<i>0,8</i>	<i>0,8</i>
	<i>Sfavorevoli</i>		<i>1,5</i>	<i>1,5</i>	<i>1,3</i>
<i>Carichi variabili</i>	<i>Favorevoli</i>	γ_{Qi}	<i>0,0</i>	<i>0,0</i>	<i>0,0</i>
	<i>Sfavorevoli</i>		<i>1,5</i>	<i>1,5</i>	<i>1,3</i>

Cmb	Tipo	Sigla Id
1	SLU	Comb. SLU A1 1
2	SLU	Comb. SLU A1 2
3	SLU	Comb. SLU A1 3
4	SLU	Comb. SLU A1 4
5	SLU	Comb. SLU A1 5
6	SLU	Comb. SLU A1 6
7	SLU	Comb. SLU A1 7
8	SLU	Comb. SLU A1 8
9	SLU	Comb. SLU A1 9
10	SLU	Comb. SLU A1 10
11	SLU	Comb. SLU A1 11
12	SLU	Comb. SLU A1 12
13	SLU	Comb. SLU A1 13
14	SLU	Comb. SLU A1 14
15	SLE(r)	Comb. SLE(rara) 15
16	SLE(r)	Comb. SLE(rara) 16
17	SLE(r)	Comb. SLE(rara) 17
18	SLE(r)	Comb. SLE(rara) 18
19	SLE(r)	Comb. SLE(rara) 19
20	SLE(r)	Comb. SLE(rara) 20
21	SLE(r)	Comb. SLE(rara) 21
22	SLE(f)	Comb. SLE(freq.) 22
23	SLE(f)	Comb. SLE(freq.) 23
24	SLE(f)	Comb. SLE(freq.) 24
25	SLE(f)	Comb. SLE(freq.) 25
26	SLE(f)	Comb. SLE(freq.) 26
27	SLE(p)	Comb. SLE(perm.) 27
28	SLE(p)	Comb. SLE(perm.) 28
29	SLU	Comb. SLU A1 (SLV sism.) 29
30	SLU	Comb. SLU A1 (SLV sism.) 30
31	SLU	Comb. SLU A1 (SLV sism.) 31
32	SLU	Comb. SLU A1 (SLV sism.) 32
33	SLU	Comb. SLU A1 (SLV sism.) 33
34	SLU	Comb. SLU A1 (SLV sism.) 34
35	SLU	Comb. SLU A1 (SLV sism.) 35
36	SLU	Comb. SLU A1 (SLV sism.) 36
37	SLU	Comb. SLU A1 (SLV sism.) 37
38	SLU	Comb. SLU A1 (SLV sism.) 38
39	SLU	Comb. SLU A1 (SLV sism.) 39
40	SLU	Comb. SLU A1 (SLV sism.) 40
41	SLU	Comb. SLU A1 (SLV sism.) 41
42	SLU	Comb. SLU A1 (SLV sism.) 42
43	SLU	Comb. SLU A1 (SLV sism.) 43
44	SLU	Comb. SLU A1 (SLV sism.) 44
45	SLU	Comb. SLU A1 (SLV sism.) 45
46	SLU	Comb. SLU A1 (SLV sism.) 46
47	SLU	Comb. SLU A1 (SLV sism.) 47
48	SLU	Comb. SLU A1 (SLV sism.) 48
49	SLU	Comb. SLU A1 (SLV sism.) 49
50	SLU	Comb. SLU A1 (SLV sism.) 50
51	SLU	Comb. SLU A1 (SLV sism.) 51
52	SLU	Comb. SLU A1 (SLV sism.) 52
53	SLU	Comb. SLU A1 (SLV sism.) 53
54	SLU	Comb. SLU A1 (SLV sism.) 54
55	SLU	Comb. SLU A1 (SLV sism.) 55
56	SLU	Comb. SLU A1 (SLV sism.) 56
57	SLU	Comb. SLU A1 (SLV sism.) 57
58	SLU	Comb. SLU A1 (SLV sism.) 58
59	SLU	Comb. SLU A1 (SLV sism.) 59
60	SLU	Comb. SLU A1 (SLV sism.) 60

Cmb	Tipo	Sigla Id
61	SLE(sis)	Comb. SLE (SLD Danno sism.) 61
62	SLE(sis)	Comb. SLE (SLD Danno sism.) 62
63	SLE(sis)	Comb. SLE (SLD Danno sism.) 63
64	SLE(sis)	Comb. SLE (SLD Danno sism.) 64
65	SLE(sis)	Comb. SLE (SLD Danno sism.) 65
66	SLE(sis)	Comb. SLE (SLD Danno sism.) 66
67	SLE(sis)	Comb. SLE (SLD Danno sism.) 67
68	SLE(sis)	Comb. SLE (SLD Danno sism.) 68
69	SLE(sis)	Comb. SLE (SLD Danno sism.) 69
70	SLE(sis)	Comb. SLE (SLD Danno sism.) 70
71	SLE(sis)	Comb. SLE (SLD Danno sism.) 71
72	SLE(sis)	Comb. SLE (SLD Danno sism.) 72
73	SLE(sis)	Comb. SLE (SLD Danno sism.) 73
74	SLE(sis)	Comb. SLE (SLD Danno sism.) 74
75	SLE(sis)	Comb. SLE (SLD Danno sism.) 75
76	SLE(sis)	Comb. SLE (SLD Danno sism.) 76
77	SLE(sis)	Comb. SLE (SLD Danno sism.) 77
78	SLE(sis)	Comb. SLE (SLD Danno sism.) 78
79	SLE(sis)	Comb. SLE (SLD Danno sism.) 79
80	SLE(sis)	Comb. SLE (SLD Danno sism.) 80
81	SLE(sis)	Comb. SLE (SLD Danno sism.) 81
82	SLE(sis)	Comb. SLE (SLD Danno sism.) 82
83	SLE(sis)	Comb. SLE (SLD Danno sism.) 83
84	SLE(sis)	Comb. SLE (SLD Danno sism.) 84
85	SLE(sis)	Comb. SLE (SLD Danno sism.) 85
86	SLE(sis)	Comb. SLE (SLD Danno sism.) 86
87	SLE(sis)	Comb. SLE (SLD Danno sism.) 87
88	SLE(sis)	Comb. SLE (SLD Danno sism.) 88
89	SLE(sis)	Comb. SLE (SLD Danno sism.) 89
90	SLE(sis)	Comb. SLE (SLD Danno sism.) 90
91	SLE(sis)	Comb. SLE (SLD Danno sism.) 91
92	SLE(sis)	Comb. SLE (SLD Danno sism.) 92
93	SLE(sis)	Comb. SLE (SLO Operativo sism.) 93
94	SLE(sis)	Comb. SLE (SLO Operativo sism.) 94
95	SLE(sis)	Comb. SLE (SLO Operativo sism.) 95
96	SLE(sis)	Comb. SLE (SLO Operativo sism.) 96
97	SLE(sis)	Comb. SLE (SLO Operativo sism.) 97
98	SLE(sis)	Comb. SLE (SLO Operativo sism.) 98
99	SLE(sis)	Comb. SLE (SLO Operativo sism.) 99
100	SLE(sis)	Comb. SLE (SLO Operativo sism.) 100
101	SLE(sis)	Comb. SLE (SLO Operativo sism.) 101
102	SLE(sis)	Comb. SLE (SLO Operativo sism.) 102
103	SLE(sis)	Comb. SLE (SLO Operativo sism.) 103
104	SLE(sis)	Comb. SLE (SLO Operativo sism.) 104
105	SLE(sis)	Comb. SLE (SLO Operativo sism.) 105
106	SLE(sis)	Comb. SLE (SLO Operativo sism.) 106
107	SLE(sis)	Comb. SLE (SLO Operativo sism.) 107
108	SLE(sis)	Comb. SLE (SLO Operativo sism.) 108
109	SLE(sis)	Comb. SLE (SLO Operativo sism.) 109
110	SLE(sis)	Comb. SLE (SLO Operativo sism.) 110
111	SLE(sis)	Comb. SLE (SLO Operativo sism.) 111
112	SLE(sis)	Comb. SLE (SLO Operativo sism.) 112
113	SLE(sis)	Comb. SLE (SLO Operativo sism.) 113
114	SLE(sis)	Comb. SLE (SLO Operativo sism.) 114
115	SLE(sis)	Comb. SLE (SLO Operativo sism.) 115
116	SLE(sis)	Comb. SLE (SLO Operativo sism.) 116
117	SLE(sis)	Comb. SLE (SLO Operativo sism.) 117
118	SLE(sis)	Comb. SLE (SLO Operativo sism.) 118
119	SLE(sis)	Comb. SLE (SLO Operativo sism.) 119
120	SLE(sis)	Comb. SLE (SLO Operativo sism.) 120
121	SLE(sis)	Comb. SLE (SLO Operativo sism.) 121
122	SLE(sis)	Comb. SLE (SLO Operativo sism.) 122
123	SLE(sis)	Comb. SLE (SLO Operativo sism.) 123
124	SLE(sis)	Comb. SLE (SLO Operativo sism.) 124

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[illegible]

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	1.50	0.0	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
2	1.30	1.30	1.50	1.50	0.0	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
3	1.30	1.30	1.50	1.50	1.50	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
4	1.30	1.30	1.50	1.50	1.50	0.75	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
5	1.00	1.00	0.80	0.80	0.0	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
6	1.00	1.00	0.80	0.80	0.0	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
7	1.00	1.00	0.80	0.80	1.50	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
8	1.00	1.00	0.80	0.80	1.50	0.75	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
9	1.30	1.30	1.50	1.50	0.0	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
10	1.30	1.30	1.50	1.50	1.05	0.0	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
11	1.30	1.30	1.50	1.50	1.05	1.50	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
12	1.00	1.00	0.80	0.80	0.0	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
13	1.00	1.00	0.80	0.80	1.05	0.0	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
14	1.00	1.00	0.80	0.80	1.05	1.50	0.80	0.80	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
15	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
16	1.00	1.00	1.00	1.00	0.0	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
17	1.00	1.00	1.00	1.00	1.00	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
18	1.00	1.00	1.00	1.00	1.00	0.50	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
19	1.00	1.00	1.00	1.00	0.0	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
20	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
21	1.00	1.00	1.00	1.00	0.70	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
22	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
23	1.00	1.00	1.00	1.00	0.70	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
24	1.00	1.00	1.00	1.00	0.0	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
25	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
26	1.00	1.00	1.00	1.00	0.60	0.20	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
27	1.00	1.00	1.00	1.00	0.0	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
28	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
29	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.40	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
30	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.40	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
31	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.40	0.0	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
32	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.40	0.0	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
33	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.40	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
34	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-1.40	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
35	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.40	0.0	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
36	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	1.40	0.0	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
37	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.40	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
38	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.40	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
39	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.40	-0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
40	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.40	0.30	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
41	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.40	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
42	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-1.40	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
43	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.40	0.0	-0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
44	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	1.40	0.0	0.30	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
45	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.42	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
46	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.42	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
47	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.42	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
48	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.42	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
49	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.42	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
50	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.42	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
51	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.42	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
52	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.42	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
53	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.42	0.0	0.0	-1.00	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0								
54	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	-0.42	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
55	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.42	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
56	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.42	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
57	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.42	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
58	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	-0.42	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
59	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.42	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
60	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.42	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0								
61	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.40	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
62	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.40	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
63	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.40	0.0
	-0.30	0.0	0.0	0.0	0.0	0.0								
64	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.40	0.0
	0.30	0.0	0.0	0.0	0.0	0.0								
65	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.40	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
66	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-1.40	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
67	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.40	0.0
	0.0	-0.30	0.0	0.0	0.0	0.0								
68	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	1.40	0.0
	0.0	0.30	0.0	0.0	0.0	0.0								
69	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.40
	-0.30	0.0	0.0	0.0	0.0	0.0								
70	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.40
	0.30	0.0	0.0	0.0	0.0	0.0								
71	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.40
	-0.30	0.0	0.0	0.0	0.0	0.0								
72	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.40
	0.30	0.0	0.0	0.0	0.0	0.0								
73	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.40
	0.0	-0.30	0.0	0.0	0.0	0.0								
74	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.40
	0.0	0.30	0.0	0.0	0.0	0.0								
75	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.40
	0.0	-0.30	0.0	0.0	0.0	0.0								
76	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.40
	0.0	0.30	0.0	0.0	0.0	0.0								
77	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.42	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
78	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.42	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
79	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.42	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0								
80	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.42	0.0
	1.00	0.0	0.0	0.0	0.0	0.0								
81	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.42
	-1.00	0.0	0.0	0.0	0.0	0.0								
82	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.42
	1.00	0.0	0.0	0.0	0.0	0.0								
83	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.42
	-1.00	0.0	0.0	0.0	0.0	0.0								
84	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.42
	1.00	0.0	0.0	0.0	0.0	0.0								
85	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.42	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								
86	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	-0.42	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
87	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.42	0.0
	0.0	-1.00	0.0	0.0	0.0	0.0								
88	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.42	0.0
	0.0	1.00	0.0	0.0	0.0	0.0								
89	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.42
	0.0	-1.00	0.0	0.0	0.0	0.0								

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
90	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-0.42
	0.0	1.00	0.0	0.0	0.0	0.0								
91	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.42
	0.0	-1.00	0.0	0.0	0.0	0.0								
92	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.42
	0.0	1.00	0.0	0.0	0.0	0.0								
93	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.40	0.0	-0.30	0.0								
94	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.40	0.0	0.30	0.0								
95	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.40	0.0	-0.30	0.0								
96	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.40	0.0	0.30	0.0								
97	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.40	0.0	0.0	-0.30								
98	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.40	0.0	0.0	0.30								
99	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.40	0.0	0.0	-0.30								
100	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.40	0.0	0.0	0.30								
101	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.40	-0.30	0.0								
102	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.40	0.30	0.0								
103	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.40	-0.30	0.0								
104	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.40	0.30	0.0								
105	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.40	0.0	-0.30								
106	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.40	0.0	0.30								
107	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.40	0.0	-0.30								
108	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.40	0.0	0.30								
109	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.42	0.0	-1.00	0.0								
110	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.42	0.0	1.00	0.0								
111	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.42	0.0	-1.00	0.0								
112	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.42	0.0	1.00	0.0								
113	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.42	-1.00	0.0								
114	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.42	1.00	0.0								
115	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.42	-1.00	0.0								
116	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.42	1.00	0.0								
117	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.42	0.0	0.0	-1.00								
118	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-0.42	0.0	0.0	1.00								
119	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.42	0.0	0.0	-1.00								
120	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.42	0.0	0.0	1.00								
121	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.42	0.0	-1.00								
122	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-0.42	0.0	1.00								
123	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.42	0.0	-1.00								
124	1.00	1.00	1.00	1.00	0.60	0.0	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.42	0.0	1.00								

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

Pilas.	Note	Stato	Quota cm	%Af	M P= 1 r. snell.	X=0.0 Armat. long.	Y=0.0 V N/M	V N sis	Staffe L=cm	V V/T cls	V V/T acc	Rif. cmb
117	s=4,m=4	ok,ok	0.0	1.77	0.46	4d24 6+6 d22	0.60	0.36	4+4d10/15 L=75	0.69	0.60	34,40,54,55
			205.0	1.77	0.46	4d24 6+6 d22	0.12	0.36	4+4d10/20 L=260	0.69	0.80	34,40,54,55
	[b=1.0;1.0]		410.0	1.77	0.46	4d24 6+6 d22	0.41	0.35	4+4d10/15 L=75	0.70	0.60	34,40,54,55
50	s=4,m=4	ok,ok	410.0	1.77	0.37	4d24 6+6 d22	0.46	0.22	4+4d10/15 L=75	0.69	0.57	34,40,55,55
			615.0	1.77	0.37	4d24 6+6 d22	0.04	0.22	4+4d10/25 L=260	0.69	0.95	4,40,55,55
	[b=1.0;1.0]		820.0	1.77	0.37	4d24 6+6 d22	0.50	0.22	4+4d10/15 L=75	0.69	0.57	34,40,55,55
16	s=4,m=4	ok,ok	820.0	1.77	0.25	4d24 6+6 d22	0.29	0.10	4+4d10/15 L=75	0.61	0.50	54,44,34,55
			1025.0	1.77	0.25	4d24 6+6 d22	0.07	0.09	4+4d10/25 L=260	0.61	0.83	29,44,34,55
	[b=1.0;1.0]		1230.0	1.77	0.25	4d24 6+6 d22	0.42	0.09	4+4d10/15 L=75	0.61	0.50	54,44,34,55
					M P= 2	X=528.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
112	s=4,m=4	ok,ok	0.0	2.19	0.49	4d24 8+8 d22	0.74	0.34	4+4d10/10 L=410	0.81	0.45	35,34,55,55
			205.0	2.19	0.49	4d24 8+8 d22	0.11	0.33	4+4d10/10 L=410	0.81	0.45	55,34,55,55
	[b=1.0;1.0]		410.0	2.19	0.49	4d24 8+8 d22	0.47	0.33	4+4d10/10 L=410	0.81	0.45	35,34,55,55
46	s=4,m=4	ok,ok	410.0	1.69	0.40	4d22 8+8 d22	0.65	0.21	4+4d10/10 L=410	0.73	0.55	35,34,55,55
			615.0	1.69	0.40	4d22 6+6 d22	0.05	0.21	4+4d10/10 L=410	0.73	0.92	4,34,55,55
	[b=1.0;1.0]		820.0	1.69	0.40	4d22 6+6 d22	0.68	0.20	4+4d10/10 L=410	0.73	0.55	35,34,55,55
212	s=4,m=4	ok,ok	820.0	1.69	0.27	4d22 6+6 d22	0.44	0.09	4+4d10/15 L=75	0.65	0.48	35,34,55,55
			1025.0	1.69	0.27	4d22 6+6 d22	0.05	0.09	4+4d10/25 L=260	0.65	0.80	35,34,55,55
	[b=1.0;1.0]		1230.0	1.69	0.27	4d22 6+6 d22	0.54	0.08	4+4d10/15 L=75	0.65	0.48	35,34,55,55
					M P= 3	X=1248.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
96	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.75	0.32	4+4d10/15 L=75	0.69	0.59	35,48,55,55
			205.0	1.77	0.52	4d24 6+6 d22	0.11	0.32	4+4d10/25 L=260	0.69	0.98	35,48,55,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.44	0.31	4+4d10/15 L=75	0.69	0.59	35,48,55,55
33	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.53	0.21	4+4d10/15 L=75	0.69	0.55	35,46,55,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.20	4+4d10/25 L=260	0.69	0.92	4,46,55,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.57	0.20	4+4d10/15 L=75	0.69	0.55	35,46,55,55
169	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.36	0.10	4+4d10/15 L=75	0.63	0.49	35,54,55,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.09	4+4d10/25 L=260	0.63	0.82	54,54,55,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.46	0.09	4+4d10/15 L=75	0.63	0.49	35,54,55,55
					M P= 4	X=1968.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
95	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.75	0.33	4+4d10/15 L=75	0.69	0.59	32,32,55,55
			205.0	1.77	0.52	4d24 6+6 d22	0.11	0.33	4+4d10/25 L=260	0.69	0.98	45,32,55,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.46	0.32	4+4d10/15 L=75	0.69	0.59	35,32,55,55
32	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.56	0.22	4+4d10/15 L=75	0.70	0.56	35,48,55,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.70	0.93	4,48,55,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.58	0.21	4+4d10/15 L=75	0.70	0.56	35,48,55,55
132	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.37	0.10	4+4d10/15 L=75	0.64	0.49	35,48,55,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.07	0.10	4+4d10/25 L=260	0.64	0.82	48,48,55,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.48	0.09	4+4d10/15 L=75	0.64	0.49	35,48,55,55
					M P= 5	X=2688.0	Y=0.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
172	s=15,m=4	ok,ok	0.0	1.57	0.41	4d24 8+12 d22	0.73	0.20	4+5d10/10 L=410	1.00	0.65	32,50,49,45
			205.0	1.57	0.41	4d24 8+12 d22	0.30	0.19	4+5d10/10 L=410	1.00	0.65	51,50,53,45
	[b=1.0;1.0]		410.0	1.57	0.41	4d24 8+12 d22	0.30	0.19	4+5d10/10 L=410	1.00	0.65	29,50,49,45
63	s=15,m=4	ok,ok	410.0	1.27	0.33	4d22 8+12 d22	0.39	0.13	4+5d10/10 L=410	0.92	0.68	29,50,45,54
			615.0	1.27	0.33	4d22 6+10 d22	0.06	0.12	4+5d10/10 L=410	0.93	0.90	39,50,45,54
	[b=1.0;1.0]		820.0	1.27	0.33	4d22 6+10 d22	0.47	0.12	4+5d10/10 L=410	0.93	0.68	29,50,45,54
2	s=15,m=4	ok,ok	820.0	1.27	0.22	4d22 6+10 d22	0.23	0.06	4+5d10/15 L=120	0.84	0.61	29,50,54,54
			1025.0	1.27	0.22	4d22 6+10 d22	0.16	0.05	4+5d10/20 L=170	0.84	0.81	45,50,54,54
	[b=1.0;1.0]		1230.0	1.27	0.22	4d22 6+10 d22	0.41	0.05	4+5d10/15 L=120	0.84	0.61	29,50,54,54
					M P= 6	X=0.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
124	s=4,m=4	ok,ok	0.0	1.77	0.51	4d24 6+6 d22	0.51	0.44	4+4d10/15 L=75	0.72	0.62	34,60,57,55
			205.0	1.77	0.51	4d24 6+6 d22	0.11	0.44	4+4d10/20 L=260	0.73	0.82	41,60,57,55
	[b=1.0;1.0]		410.0	1.77	0.51	4d24 6+6 d22	0.40	0.44	4+4d10/15 L=75	0.73	0.62	55,60,57,55
55	s=4,m=4	ok,ok	410.0	1.69	0.40	4d22 6+6 d22	0.67	0.28	4+4d10/15 L=75	0.73	0.57	55,60,35,55
			615.0	1.69	0.40	4d22 6+6 d22	0.05	0.27	4+4d10/25 L=260	0.74	0.96	60,60,35,55
	[b=1.0;1.0]		820.0	1.69	0.40	4d22 6+6 d22	0.67	0.27	4+4d10/15 L=75	0.74	0.57	55,60,35,55
129	s=4,m=4	ok,ok	820.0	1.69	0.26	4d22 6+6 d22	0.57	0.12	4+4d10/15 L=75	0.67	0.49	55,60,35,55
			1025.0	1.69	0.26	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.67	0.82	41,60,35,55
	[b=1.0;1.0]		1230.0	1.69	0.26	4d22 6+6 d22	0.65	0.11	4+4d10/15 L=75	0.68	0.49	55,60,35,55
					M P= 7	X=528.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb

111	s=4,m=4	ok,ok	0.0	1.77	0.51	4d24 6+6 d22	0.75	0.36	4+4d10/15 L=75	0.70	0.60	35,34,55,55
	[b=1.0;1.0]		205.0	1.77	0.51	4d24 6+6 d22	0.11	0.35	4+4d10/20 L=260	0.71	0.80	34,34,55,55
			410.0	1.77	0.51	4d24 6+6 d22	0.45	0.35	4+4d10/15 L=75	0.71	0.60	35,34,55,55
45	s=4,m=4	ok,ok	410.0	1.69	0.41	4d22 6+6 d22	0.55	0.23	4+4d10/15 L=75	0.69	0.56	35,54,55,55
	[b=1.0;1.0]		615.0	1.69	0.41	4d22 6+6 d22	0.05	0.22	4+4d10/25 L=260	0.69	0.93	4,54,55,55
			820.0	1.69	0.41	4d22 6+6 d22	0.58	0.22	4+4d10/15 L=75	0.69	0.56	35,54,55,55
209	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.37	0.11	4+4d10/15 L=75	0.63	0.49	35,54,55,55
	[b=1.0;1.0]		1025.0	1.69	0.29	4d22 6+6 d22	0.07	0.10	4+4d10/25 L=260	0.63	0.82	35,54,55,55
			1230.0	1.69	0.29	4d22 6+6 d22	0.50	0.10	4+4d10/15 L=75	0.63	0.49	35,54,55,55
					M P= 8	X=1248.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
100	s=4,m=4	ok,ok	0.0	1.77	0.54	4d24 6+6 d22	0.66	0.37	4+4d10/15 L=75	0.66	0.60	35,46,55,55
	[b=1.0;1.0]		205.0	1.77	0.54	4d24 6+6 d22	0.12	0.36	4+4d10/20 L=260	0.67	0.80	35,46,55,55
			410.0	1.77	0.54	4d24 6+6 d22	0.35	0.36	4+4d10/15 L=75	0.67	0.60	35,46,55,55
35	s=4,m=4	ok,ok	410.0	1.69	0.44	4d22 6+6 d22	0.42	0.24	4+4d10/15 L=75	0.65	0.56	35,46,55,55
	[b=1.0;1.0]		615.0	1.69	0.44	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.65	0.94	4,46,55,55
			820.0	1.69	0.44	4d22 6+6 d22	0.46	0.23	4+4d10/15 L=75	0.66	0.56	35,46,55,55
186	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.26	0.11	4+4d10/15 L=75	0.59	0.50	35,46,55,55
	[b=1.0;1.0]		1025.0	1.69	0.31	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.59	0.83	35,46,55,55
			1230.0	1.69	0.31	4d22 6+6 d22	0.38	0.11	4+4d10/15 L=75	0.59	0.50	35,46,55,55
					M P= 9	X=1968.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
94	s=4,m=4	ok,ok	0.0	1.77	0.55	4d24 6+6 d22	0.65	0.38	4+4d10/15 L=75	0.66	0.60	43,48,55,55
	[b=1.0;1.0]		205.0	1.77	0.55	4d24 6+6 d22	0.11	0.37	4+4d10/20 L=260	0.67	0.80	32,48,55,55
			410.0	1.77	0.55	4d24 6+6 d22	0.37	0.37	4+4d10/15 L=75	0.67	0.60	35,48,55,55
31	s=4,m=4	ok,ok	410.0	1.69	0.45	4d22 6+6 d22	0.44	0.25	4+4d10/15 L=75	0.66	0.57	43,48,55,55
	[b=1.0;1.0]		615.0	1.69	0.45	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.66	0.95	4,48,55,55
			820.0	1.69	0.45	4d22 6+6 d22	0.46	0.24	4+4d10/15 L=75	0.66	0.57	43,48,55,55
123	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.27	0.12	4+4d10/15 L=75	0.60	0.50	35,48,55,55
	[b=1.0;1.0]		1025.0	1.69	0.31	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.60	0.83	35,48,55,55
			1230.0	1.69	0.31	4d22 6+6 d22	0.40	0.11	4+4d10/15 L=75	0.60	0.50	35,48,55,55
					M P= 10	X=2688.0	Y=720.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
42	s=15,m=4	ok,ok	0.0	1.81	0.51	4d24 8+12 d24	0.75	0.32	4+5d10/10 L=120	1.00	0.95	45,50,54,45
	[b=1.0;1.0]		205.0	1.51	0.51	4d24 6+10 d24	0.30	0.31	4+5d10/10 L=170	1.00	0.95	51,50,49,45
			410.0	1.51	0.51	4d24 6+10 d24	0.30	0.31	4+5d10/10 L=120	1.00	0.96	29,50,55,45
84	s=15,m=4	ok,ok	410.0	1.27	0.40	4d22 6+10 d22	0.56	0.19	4+5d10/15 L=120	0.98	0.72	45,50,45,55
	[b=1.0;1.0]		615.0	1.27	0.40	4d22 6+10 d22	0.06	0.19	4+5d10/20 L=170	0.98	0.97	43,50,45,55
			820.0	1.27	0.40	4d22 6+10 d22	0.56	0.18	4+5d10/15 L=120	0.98	0.72	45,50,45,55
23	s=15,m=4	ok,ok	820.0	1.27	0.25	4d22 6+10 d22	0.29	0.08	4+5d10/15 L=120	0.85	0.62	45,50,57,55
	[b=1.0;1.0]		1025.0	1.27	0.25	4d22 6+10 d22	0.12	0.07	4+5d10/20 L=170	0.86	0.83	45,50,57,55
			1230.0	1.27	0.25	4d22 6+10 d22	0.55	0.07	4+5d10/15 L=120	0.86	0.62	45,50,57,55
					M P= 11	X=0.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
125	s=19,m=4	ok,ok	0.0	1.10	0.36	4d24 6+10 d22	0.66	0.23	4+5d10/15 L=120	0.90	0.82	34,35,54,55
	[b=1.0;1.0]		205.0	1.10	0.36	4d24 6+10 d22	0.24	0.22	4+5d10/15 L=170	0.90	0.82	54,35,54,55
			410.0	1.10	0.36	4d24 6+10 d22	0.28	0.22	4+5d10/15 L=120	0.90	0.82	30,35,54,55
56	s=19,m=4	ok,ok	410.0	1.06	0.29	4d22 6+10 d22	0.49	0.14	4+5d10/15 L=120	0.81	0.75	57,35,57,55
	[b=1.0;1.0]		615.0	1.06	0.29	4d22 6+10 d22	0.05	0.14	4+5d10/20 L=170	0.82	1.00	41,35,57,55
			820.0	1.06	0.29	4d22 6+10 d22	0.46	0.13	4+5d10/15 L=120	0.82	0.75	34,35,57,55
163	s=19,m=4	ok,ok	820.0	1.06	0.20	4d22 6+10 d22	0.27	0.06	4+5d10/15 L=120	0.71	0.63	55,35,57,55
	[b=1.0;1.0]		1025.0	1.06	0.20	4d22 6+10 d22	0.13	0.05	4+5d10/20 L=170	0.71	0.85	57,35,57,55
			1230.0	1.06	0.20	4d22 6+10 d22	0.52	0.05	4+5d10/15 L=120	0.71	0.63	55,35,57,55
					M P= 12	X=528.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
109	s=19,m=4	ok,ok	0.0	1.73	0.38	4d24 12+16 d22	0.73	0.20	4+5d10/10 L=120	1.00	0.89	44,41,58,60
	[b=1.0;1.0]		205.0	1.10	0.38	4d24 6+10 d22	0.29	0.20	4+5d10/10 L=170	1.00	0.90	55,41,45,60
			410.0	1.10	0.38	4d24 6+10 d22	0.46	0.19	4+5d10/10 L=120	1.00	0.90	44,41,48,60
43	s=19,m=4	ok,ok	410.0	1.06	0.31	4d22 6+10 d22	0.49	0.13	4+5d10/15 L=120	0.83	0.74	44,41,60,55
	[b=1.0;1.0]		615.0	1.06	0.31	4d22 6+10 d22	0.05	0.12	4+5d10/20 L=170	0.83	0.98	39,41,60,55
			820.0	1.06	0.31	4d22 6+10 d22	0.59	0.12	4+5d10/15 L=120	0.84	0.74	44,41,60,55
206	s=19,m=4	ok,ok	820.0	1.06	0.22	4d22 6+10 d22	0.29	0.06	4+5d10/15 L=120	0.74	0.64	44,57,60,55
	[b=1.0;1.0]		1025.0	1.06	0.22	4d22 6+10 d22	0.11	0.06	4+5d10/20 L=170	0.74	0.85	44,57,60,55
			1230.0	1.06	0.22	4d22 6+10 d22	0.50	0.05	4+5d10/15 L=120	0.74	0.64	44,57,60,55
					M P= 13	X=1248.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
102	s=4,m=4	ok,ok	0.0	1.77	0.54	4d24 6+6 d22	0.65	0.36	4+4d10/15 L=75	0.66	0.60	44,45,60,55
	[b=1.0;1.0]		205.0	1.77	0.54	4d24 6+6 d22	0.12	0.36	4+4d10/20 L=260	0.66	0.80	31,45,60,55
			410.0	1.77	0.54	4d24 6+6 d22	0.37	0.36	4+4d10/15 L=75	0.67	0.60	44,45,60,55
37	s=4,m=4	ok,ok	410.0	1.69	0.44	4d22 6+6 d22	0.43	0.24	4+4d10/15 L=75	0.65	0.56	44,45,60,55
	[b=1.0;1.0]		615.0	1.69	0.44	4d22 6+6 d22	0.06	0.23	4+4d10/25 L=260	0.65	0.94	4,45,60,55
			820.0	1.69	0.44	4d22 6+6 d22	0.47	0.23	4+4d10/15 L=75	0.65	0.56	44,45,60,55
190	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.27	0.11	4+4d10/15 L=75	0.59	0.50	43,45,60,55
	[b=1.0;1.0]		1025.0	1.69	0.31	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.59	0.83	44,45,60,55
			1230.0	1.69	0.31	4d22 6+6 d22	0.38	0.10	4+4d10/15 L=75	0.59	0.50	44,45,60,55

					M P= 14	X=1968.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
91	s=4,m=4	ok,ok	0.0	1.77	0.55	4d24 6+6 d22	0.65	0.38	4+4d10/15 L=75	0.66	0.60	39,51,60,55
			205.0	1.77	0.55	4d24 6+6 d22	0.11	0.38	4+4d10/20 L=260	0.66	0.80	45,51,60,55
	[b=1.0;1.0]		410.0	1.77	0.55	4d24 6+6 d22	0.37	0.37	4+4d10/15 L=75	0.66	0.60	44,51,60,55
28	s=4,m=4	ok,ok	410.0	1.69	0.45	4d22 6+6 d22	0.43	0.25	4+4d10/15 L=75	0.65	0.57	44,51,60,55
			615.0	1.69	0.45	4d22 6+6 d22	0.06	0.24	4+4d10/25 L=260	0.65	0.95	4,51,60,55
	[b=1.0;1.0]		820.0	1.69	0.45	4d22 6+6 d22	0.46	0.24	4+4d10/15 L=75	0.65	0.57	44,51,60,55
60	s=4,m=4	ok,ok	820.0	1.69	0.31	4d22 6+6 d22	0.26	0.12	4+4d10/15 L=75	0.59	0.50	43,51,55,55
			1025.0	1.69	0.31	4d22 6+6 d22	0.06	0.11	4+4d10/25 L=260	0.59	0.84	43,51,55,55
	[b=1.0;1.0]		1230.0	1.69	0.31	4d22 6+6 d22	0.38	0.11	4+4d10/15 L=75	0.60	0.50	43,51,55,55
					M P= 15	X=2688.0	Y=1020.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
178	s=15,m=4	ok,ok	0.0	1.81	0.52	4d24 8+12 d24	0.74	0.32	4+5d10/10 L=120	1.00	0.95	50,45,51,50
			205.0	1.51	0.52	4d24 6+10 d24	0.30	0.31	4+5d10/10 L=170	1.00	0.95	48,45,59,50
	[b=1.0;1.0]		410.0	1.51	0.52	4d24 6+10 d24	0.30	0.31	4+5d10/10 L=120	1.00	0.96	38,45,46,50
85	s=15,m=4	ok,ok	410.0	1.27	0.40	4d22 6+10 d22	0.56	0.19	4+5d10/15 L=120	0.98	0.72	50,45,50,55
			615.0	1.27	0.40	4d22 6+10 d22	0.05	0.19	4+5d10/20 L=170	0.98	0.97	32,45,50,55
	[b=1.0;1.0]		820.0	1.27	0.40	4d22 6+10 d22	0.56	0.18	4+5d10/15 L=120	0.98	0.72	50,45,50,55
24	s=15,m=4	ok,ok	820.0	1.27	0.25	4d22 6+10 d22	0.30	0.08	4+5d10/15 L=120	0.86	0.62	46,45,54,55
			1025.0	1.27	0.25	4d22 6+10 d22	0.13	0.07	4+5d10/20 L=170	0.86	0.83	48,45,54,55
	[b=1.0;1.0]		1230.0	1.27	0.25	4d22 6+10 d22	0.54	0.07	4+5d10/15 L=120	0.86	0.62	50,45,54,55
					M P= 16	X=0.0	Y=1581.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
126	s=19,m=4	ok,ok	0.0	1.10	0.35	4d24 6+10 d22	0.63	0.21	4+5d10/15 L=120	0.93	0.83	57,55,60,57
			205.0	1.10	0.35	4d24 6+10 d22	0.31	0.20	4+5d10/15 L=170	0.93	0.83	55,55,60,57
	[b=1.0;1.0]		410.0	1.10	0.35	4d24 6+10 d22	0.18	0.20	4+5d10/15 L=120	0.93	0.83	41,55,60,57
57	s=19,m=4	ok,ok	410.0	1.06	0.28	4d22 6+10 d22	0.33	0.13	4+5d10/15 L=120	0.82	0.74	60,55,60,57
			615.0	1.06	0.28	4d22 6+10 d22	0.06	0.13	4+5d10/20 L=170	0.82	0.99	41,55,60,57
	[b=1.0;1.0]		820.0	1.06	0.28	4d22 6+10 d22	0.38	0.13	4+5d10/15 L=120	0.83	0.74	41,55,60,57
86	s=19,m=4	ok,ok	820.0	1.06	0.19	4d22 6+10 d22	0.14	0.06	4+5d10/15 L=120	0.71	0.64	43,55,57,55
			1025.0	1.06	0.19	4d22 6+10 d22	0.15	0.05	4+5d10/20 L=170	0.71	0.85	44,55,57,55
	[b=1.0;1.0]		1230.0	1.06	0.19	4d22 6+10 d22	0.31	0.05	4+5d10/15 L=120	0.71	0.64	60,55,57,55
					M P= 17	X=528.0	Y=1740.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
254	s=25,m=4	ok,ok	0.0	1.82	0.40	4d24 8+24 d24	0.71	0.14	4+8d12/12 L=179	1.00	0.98	60,57,47,60
			205.0	1.82	0.40	4d24 8+24 d24	0.40	0.14	4+8d12/12 L=52	1.00	0.99	55,57,58,60
	[b=1.0;1.0]		410.0	1.82	0.40	4d24 8+24 d24	0.33	0.13	4+8d12/12 L=179	1.00	0.99	44,57,59,60
160	s=23,m=4	ok,ok	410.0	1.14	0.32	4d24 6+16 d22	0.52	0.09	4+6d12/15 L=180	1.00	0.56	44,57,57,60
			615.0	1.14	0.32	4d24 6+16 d22	0.05	0.09	4+6d12/25 L=50	1.00	0.93	45,57,57,60
	[b=1.0;1.0]		820.0	1.14	0.32	4d24 6+16 d22	0.59	0.08	4+6d12/15 L=180	1.00	0.56	44,57,57,60
247	s=23,m=4	ok,ok	820.0	1.14	0.22	4d24 6+16 d22	0.32	0.04	4+6d12/15 L=180	0.96	0.49	44,57,60,55
			1025.0	1.14	0.22	4d24 6+16 d22	0.10	0.04	4+6d12/25 L=50	0.96	0.82	60,57,60,55
	[b=1.0;1.0]		1230.0	1.14	0.22	4d24 6+16 d22	0.50	0.03	4+6d12/15 L=180	0.96	0.49	44,57,60,55
					M P= 18	X=1248.0	Y=1740.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
8	s=4,m=4	ok,ok	0.0	1.77	0.52	4d24 6+6 d22	0.74	0.33	4+4d10/15 L=75	0.69	0.59	44,57,60,55
			205.0	1.77	0.52	4d24 6+6 d22	0.10	0.33	4+4d10/25 L=260	0.70	0.98	46,57,60,55
	[b=1.0;1.0]		410.0	1.77	0.52	4d24 6+6 d22	0.46	0.32	4+4d10/15 L=75	0.70	0.59	44,57,60,55
38	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.55	0.21	4+4d10/15 L=75	0.69	0.55	44,57,60,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.70	0.92	4,57,60,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.59	0.20	4+4d10/15 L=75	0.70	0.55	44,57,60,55
191	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.37	0.10	4+4d10/15 L=75	0.63	0.49	44,57,60,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.09	0.09	4+4d10/25 L=260	0.63	0.82	51,57,60,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.47	0.09	4+4d10/15 L=75	0.63	0.49	44,57,60,55
					M P= 19	X=1968.0	Y=1740.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
89	s=4,m=4	ok,ok	0.0	1.77	0.53	4d24 6+6 d22	0.72	0.34	4+4d10/15 L=75	0.68	0.59	44,39,60,55
			205.0	1.77	0.53	4d24 6+6 d22	0.11	0.33	4+4d10/25 L=260	0.68	0.99	48,39,60,55
	[b=1.0;1.0]		410.0	1.77	0.53	4d24 6+6 d22	0.45	0.33	4+4d10/15 L=75	0.68	0.59	44,39,60,55
27	s=4,m=4	ok,ok	410.0	1.69	0.42	4d22 6+6 d22	0.54	0.22	4+4d10/15 L=75	0.68	0.56	44,39,60,55
			615.0	1.69	0.42	4d22 6+6 d22	0.05	0.21	4+4d10/25 L=260	0.68	0.93	4,39,60,55
	[b=1.0;1.0]		820.0	1.69	0.42	4d22 6+6 d22	0.57	0.21	4+4d10/15 L=75	0.69	0.56	44,39,60,55
36	s=4,m=4	ok,ok	820.0	1.69	0.29	4d22 6+6 d22	0.35	0.10	4+4d10/15 L=75	0.62	0.49	44,39,60,55
			1025.0	1.69	0.29	4d22 6+6 d22	0.06	0.10	4+4d10/25 L=260	0.62	0.82	51,39,60,55
	[b=1.0;1.0]		1230.0	1.69	0.29	4d22 6+6 d22	0.45	0.09	4+4d10/15 L=75	0.62	0.49	44,39,60,55
					M P= 20	X=2688.0	Y=1740.0					
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
88	s=15,m=4	ok,ok	0.0	1.57	0.41	4d24 8+12 d22	0.70	0.20	4+5d10/10 L=410	1.00	0.64	39,45,47,50
			205.0	1.57	0.41	4d24 8+12 d22	0.29	0.20	4+5d10/10 L=410	1.00	0.64	48,45,51,50
	[b=1.0;1.0]		410.0	1.57	0.41	4d24 8+12 d22	0.29	0.19	4+5d10/10 L=410	1.00	0.64	38,45,47,50
26	s=15,m=4	ok,ok	410.0	1.27	0.33	4d22 8+12 d22	0.39	0.13	4+5d10/10 L=410	0.92	0.68	38,45,50,57
			615.0	1.27	0.33	4d22 6+10 d22	0.07	0.12	4+5d10/10 L=410	0.93	0.90	32,45,50,57
	[b=1.0;1.0]		820.0	1.27	0.33	4d22 6+10 d22	0.47	0.12	4+5d10/10 L=410	0.93	0.68	38,45,50,57
25	s=15,m=4	ok,ok	820.0	1.27	0.22	4d22 6+10 d22	0.23	0.06	4+5d10/15 L=120	0.84	0.61	38,45,57,57

			1025.0	1.27	0.22	4d22 6+10 d22	0.16	0.05	4+5d10/20 L=170	0.84	0.81	50,45,57,57
	[b=1.0;1.0]		1230.0	1.27	0.22	4d22 6+10 d22	0.41	0.05	4+5d10/15 L=120	0.84	0.61	38,45,57,57
Pilas.				%Af	r. snell.		V N/M	V N sis		V V/T cls	V V/T acc	
				2.19	0.55		0.75	0.44		1.00	1.00	

Pilas.	sovr. Xi	sovr. Xf	sovr. Yi	sovr. Yf	M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f	Luce per V	V M2-2	V M3-3
2	3.04	0.0	6.29	0.0	668.35	657.37	1707.20	1682.65	330.00	445.57	1138.13
8	0.0	1.59	0.0	11.10	804.29	800.88	804.29	800.88	330.00	536.19	536.19
16	1.40	0.0	3.13	0.0	675.58	668.90	675.58	668.90	330.00	450.38	450.38
23	2.70	0.0	2.73	0.0	691.75	681.71	1761.09	1737.03	330.00	461.16	1174.06
24	2.71	0.0	2.74	0.0	691.79	681.76	1761.20	1737.14	330.00	461.19	1174.13
25	3.04	0.0	6.30	0.0	668.63	657.66	1707.84	1683.30	330.00	445.76	1138.56
26	2.79	3.04	7.20	6.30	805.40	737.33	2015.50	1870.03	330.00	514.24	1295.18
27	1.44	1.44	11.15	10.07	726.79	721.43	726.79	721.43	330.00	484.53	484.53
28	1.87	1.90	5.58	5.06	745.86	740.74	745.86	740.74	330.00	497.24	497.24
31	1.87	1.90	5.58	5.06	744.84	739.70	744.84	739.70	330.00	496.56	496.56
32	1.44	1.44	11.15	10.06	726.38	721.02	726.38	721.02	330.00	484.25	484.25
33	1.61	1.45	11.20	10.10	722.50	717.09	722.50	717.09	330.00	481.67	481.67
35	2.09	1.90	5.59	5.06	741.23	736.05	741.23	736.05	330.00	494.15	494.15
36	1.44	0.0	10.07	0.0	654.35	647.71	654.35	647.71	330.00	436.23	436.23
37	2.09	1.90	5.58	5.06	740.42	735.23	740.42	735.23	330.00	493.62	493.62
38	1.59	1.44	11.10	10.02	725.38	720.00	725.38	720.00	330.00	483.59	483.59
42	0.0	2.85	0.0	2.65	1109.79	1002.78	2773.39	2462.88	330.00	739.86	1848.93
43	2.13	2.40	14.61	13.40	981.12	966.87	2006.06	1977.93	330.00	654.08	1337.37
45	2.00	1.83	5.34	4.89	734.75	729.48	734.75	729.48	330.00	489.83	489.83
46	1.64	1.40	11.44	9.74	802.53	719.61	802.53	719.61	330.00	507.38	507.38
50	1.31	1.40	3.26	3.13	757.01	751.72	757.01	751.72	330.00	504.68	504.68
55	1.72	1.69	1.48	1.45	759.22	755.67	759.22	755.67	330.00	506.15	506.15
56	1.95	2.29	3.48	2.77	1000.10	985.94	2042.94	2015.53	330.00	666.74	1361.96
57	2.30	2.18	6.41	5.37	989.02	974.81	2021.57	1993.63	330.00	659.35	1347.71
60	1.90	0.0	5.06	0.0	667.02	661.14	667.02	661.14	330.00	444.68	444.68
63	2.79	3.04	7.18	6.29	803.26	736.54	2010.40	1868.39	330.00	513.26	1292.93
84	2.85	2.70	2.65	2.73	813.20	804.12	2027.97	2009.12	330.00	542.13	1351.98
85	2.86	2.71	2.66	2.74	813.45	804.37	2028.50	2009.66	330.00	542.30	1352.33
86	2.18	0.0	5.37	0.0	858.78	842.06	1779.88	1749.54	330.00	572.52	1186.59
88	0.0	2.79	0.0	7.20	939.29	930.21	2366.86	2350.22	330.00	626.20	1577.90
89	0.0	1.44	0.0	11.15	806.55	803.15	806.55	803.15	330.00	537.70	537.70
91	0.0	1.87	0.0	5.58	822.57	819.34	822.57	819.34	330.00	548.38	548.38
94	0.0	1.87	0.0	5.58	821.68	818.44	821.68	818.44	330.00	547.79	547.79
95	0.0	1.44	0.0	11.15	805.62	802.22	805.62	802.22	330.00	537.08	537.08
96	0.0	1.61	0.0	11.20	800.92	797.47	800.92	797.47	330.00	533.94	533.94
100	0.0	2.09	0.0	5.59	817.72	814.44	817.72	814.44	330.00	545.15	545.15
102	0.0	2.09	0.0	5.58	817.07	813.78	817.07	813.78	330.00	544.71	544.71
109	0.0	2.13	0.0	14.61	1474.08	1101.35	3045.07	2234.05	330.00	982.72	2030.05
111	0.0	2.00	0.0	5.34	813.78	810.45	813.78	810.45	330.00	542.52	542.52
112	0.0	1.64	0.0	11.44	918.18	914.38	918.18	914.38	330.00	612.12	612.12
117	0.0	1.31	0.0	3.26	815.91	812.61	815.91	812.61	330.00	543.94	543.94
123	1.90	0.0	5.06	0.0	666.44	660.56	666.44	660.56	330.00	444.29	444.29
124	0.0	1.72	0.0	1.48	844.47	841.56	844.47	841.56	330.00	562.98	562.98
125	0.0	1.95	0.0	3.48	1148.28	1136.13	2319.51	2296.85	330.00	765.52	1546.34
126	0.0	2.30	0.0	6.41	1124.95	1112.44	2276.04	2252.97	330.00	749.97	1517.36
129	1.69	0.0	1.45	0.0	665.88	660.00	665.88	660.00	330.00	443.92	443.92
132	1.44	0.0	10.06	0.0	654.07	647.44	654.07	647.44	330.00	436.05	436.05
160	2.56	2.18	31.21	27.23	973.18	956.93	3682.11	3629.65	380.00	563.42	2131.75
163	2.29	0.0	2.77	0.0	856.91	840.18	1776.48	1746.12	330.00	571.27	1184.32
169	1.45	0.0	10.10	0.0	651.75	645.10	651.75	645.10	330.00	434.50	434.50
172	0.0	2.79	0.0	7.18	937.93	928.83	2364.42	2347.33	330.00	625.29	1576.28
178	0.0	2.86	0.0	2.66	1110.32	1003.26	2774.66	2464.04	330.00	740.21	1849.77
186	1.90	0.0	5.06	0.0	664.13	658.23	664.13	658.23	330.00	442.75	442.75
190	1.90	0.0	5.06	0.0	663.48	657.59	663.48	657.59	330.00	442.32	442.32
191	1.44	0.0	10.02	0.0	652.90	646.26	652.90	646.26	330.00	435.26	435.26
206	2.40	0.0	13.40	0.0	861.97	845.28	1785.67	1755.37	330.00	574.65	1190.45
209	1.83	0.0	4.89	0.0	659.86	653.80	659.86	653.80	330.00	439.90	439.90
212	1.40	0.0	9.74	0.0	649.45	642.79	649.45	642.79	330.00	432.96	432.96
247	2.18	0.0	27.23	0.0	883.27	866.52	3390.41	3335.77	380.00	511.37	1962.87
254	0.0	2.56	0.0	31.21	1476.66	1461.97	5348.09	5309.54	390.00	828.84	3006.00
Pilas.					M 2-2 i	M 2-2 f	M 3-3 i	M 3-3 f		V M2-2	V M3-3
					1476.66	1461.97	5348.09	5309.54		982.72	3006.00

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
			2-2	3-3	Stato
2	0.04	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
8	0.21	0.11	0.64	0.64	ok
	0.21	0.11	0.62	0.62	ok
16	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
23	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
24	0.05	0.10	0.0	0.0	ok
	0.04	0.10	0.0	0.0	ok
25	0.04	0.10	0.0	0.0	ok
	0.03	0.10	0.0	0.0	ok
26	0.08	0.10	0.03	0.08	ok
	0.08	0.10	0.0	0.05	ok
27	0.14	0.11	0.31	0.31	ok
	0.13	0.11	0.28	0.28	ok
28	0.16	0.11	0.41	0.41	ok
	0.16	0.11	0.38	0.38	ok
31	0.16	0.11	0.40	0.40	ok
	0.15	0.11	0.38	0.38	ok
32	0.14	0.11	0.31	0.31	ok
	0.13	0.11	0.28	0.28	ok
33	0.14	0.11	0.29	0.29	ok
	0.13	0.11	0.26	0.26	ok
35	0.16	0.11	0.38	0.38	ok
	0.15	0.11	0.36	0.36	ok
36	0.07	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
37	0.16	0.11	0.38	0.38	ok
	0.15	0.11	0.35	0.35	ok
38	0.14	0.11	0.30	0.30	ok
	0.13	0.11	0.28	0.28	ok
42	0.20	0.16	0.36	0.43	ok
	0.20	0.16	0.34	0.41	ok
43	0.08	0.09	0.03	0.07	ok
	0.08	0.09	1.31e-03	0.04	ok
45	0.15	0.11	0.35	0.35	ok
	0.14	0.11	0.32	0.32	ok
46	0.14	0.11	0.30	0.30	ok
	0.13	0.11	0.28	0.28	ok
50	0.15	0.11	0.33	0.33	ok
	0.14	0.11	0.31	0.31	ok
55	0.18	0.11	0.49	0.49	ok
	0.17	0.11	0.47	0.47	ok
56	0.09	0.09	0.07	0.11	ok
	0.09	0.09	0.04	0.08	ok
57	0.09	0.09	0.05	0.08	ok
	0.08	0.09	0.02	0.05	ok
60	0.08	0.11	0.03	0.03	ok
	0.07	0.11	6.11e-04	6.11e-04	ok
63	0.08	0.10	0.02	0.07	ok
	0.08	0.10	0.0	0.04	ok
84	0.13	0.10	0.22	0.30	ok
	0.12	0.10	0.20	0.27	ok
85	0.13	0.10	0.22	0.30	ok
	0.12	0.10	0.20	0.27	ok
86	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
88	0.13	0.16	0.15	0.20	ok
	0.12	0.16	0.13	0.18	ok
89	0.22	0.11	0.66	0.66	ok
	0.21	0.11	0.63	0.63	ok
91	0.25	0.11	0.79	0.79	ok
	0.24	0.11	0.76	0.76	ok
94	0.25	0.11	0.78	0.78	ok
	0.24	0.11	0.76	0.76	ok
95	0.22	0.11	0.65	0.65	ok
	0.21	0.11	0.63	0.63	ok
96	0.21	0.11	0.62	0.62	ok
	0.20	0.11	0.59	0.59	ok
100	0.24	0.11	0.75	0.75	ok
	0.23	0.11	0.72	0.72	ok
102	0.24	0.11	0.75	0.75	ok

Pilas.	nid	alfaomega	V. 7.4.29	V. 7.4.29	V. 7.4.29
	0.23	0.11	0.72	0.72	ok
109	0.13	0.15	0.16	0.20	ok
	0.12	0.15	0.14	0.18	ok
111	0.23	0.11	0.72	0.72	ok
	0.22	0.11	0.69	0.69	ok
112	0.22	0.18	0.40	0.40	ok
	0.21	0.18	0.38	0.38	ok
117	0.23	0.11	0.74	0.74	ok
	0.23	0.11	0.71	0.71	ok
123	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
124	0.29	0.11	0.98	0.98	ok
	0.28	0.11	0.95	0.95	ok
125	0.15	0.09	0.34	0.40	ok
	0.14	0.09	0.31	0.37	ok
126	0.14	0.09	0.28	0.34	ok
	0.13	0.09	0.25	0.31	ok
129	0.08	0.11	0.02	0.02	ok
	0.07	0.11	0.0	0.0	ok
132	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
160	0.06	0.13	0.0	0.0	ok
	0.05	0.13	0.0	0.0	ok
163	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
169	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
172	0.13	0.16	0.15	0.19	ok
	0.12	0.16	0.13	0.17	ok
178	0.21	0.16	0.36	0.43	ok
	0.20	0.16	0.34	0.42	ok
186	0.07	0.11	0.01	0.01	ok
	0.07	0.11	0.0	0.0	ok
190	0.07	0.11	0.01	0.01	ok
	0.07	0.11	0.0	0.0	ok
191	0.06	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
206	0.04	0.09	0.0	0.0	ok
	0.03	0.09	0.0	0.0	ok
209	0.07	0.11	0.0	0.0	ok
	0.06	0.11	0.0	0.0	ok
212	0.06	0.11	0.0	0.0	ok
	0.05	0.11	0.0	0.0	ok
247	0.03	0.13	0.0	0.0	ok
	0.02	0.13	0.0	0.0	ok
254	0.09	0.19	0.03	0.06	ok
	0.09	0.19	0.01	0.05	ok
			2-2	3-3	
			0.98	0.98	

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
				mm	cm		cm	cm		cm	cm				
9	NO	ok	46	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,35
12	NO	ok	212	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
19	NO	ok	16	12	8.0	4	60.0	47.2	4	60.0	47.2	0.5	0.9	NO	29,29
20	SI	ok	129	12	15.0	4	60.0	47.4	4	60.0	47.4	0.5	0.8	NO	45,45
26	NO	ok	163	12	12.5	4	60.0	107.4	5	80.0	47.4	0.3	1.0	NO	29,29
28	NO	ok	86	12	15.0	4	60.0	107.4	5	68.3	47.4	0.3	1.0	NO	29,29
35	NO	ok	63	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	44,39
38	NO	ok	84	12	8.0	4	50.0	107.4	5	75.0	37.4	0.4	1.0	SI	32,55
41	SI	ok	102	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.8	SI	29,34
42	NO	ok	8	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	34,44
45	NO	ok	254	12	12.5	2	80.0	166.2	8	63.3	37.2	0.7	0.8	NO	34,44
46	NO	ok	85	12	8.0	4	50.0	107.4	5	75.0	37.4	0.4	0.9	SI	39,60
47	NO	ok	26	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	35,32
54	NO	ok	27	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	34,38
55	SI	ok	28	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	33,38
61	SI	ok	31	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	38,29
68	SI	ok	35	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	41,31
72	NO	ok	109	12	8.0	4	80.0	107.2	5	80.0	47.2	0.5	1.0	NO	29,44
74	SI	ok	111	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.9	NO	30,35
75	NO	ok	112	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	38,35

Nodo	Conf.	Stato	Pilas.	Diam st	Passo	n. br. 2	Bj2	Hjc2	n. br. 3	Bj3	Hjc3	V. 7.4.8	V. Ash	7.4.10	Rif. cmb
76	NO	ok	117	12	5.0	4	60.0	47.2	4	60.0	47.2	0.7	0.6	NO	44,37
77	SI	ok	124	12	15.0	4	60.0	47.2	4	60.0	47.2	0.6	0.9	NO	48,41
78	NO	ok	125	12	8.0	4	60.0	107.2	5	80.0	47.2	0.5	1.0	NO	35,34
79	NO	ok	126	12	12.5	4	60.0	107.2	5	68.3	47.2	0.4	0.9	NO	35,34
82	SI	ok	37	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,32
83	NO	ok	50	12	8.0	4	60.0	47.2	4	60.0	47.2	0.6	1.0	NO	44,41
88	NO	ok	38	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	34,44
91	SI	ok	55	12	15.0	4	60.0	47.4	4	60.0	47.4	0.5	0.9	NO	44,41
93	NO	ok	247	12	12.5	2	80.0	166.2	6	63.3	37.2	0.6	0.9	NO	29,29
94	NO	ok	160	12	10.0	2	80.0	166.2	6	63.3	37.2	0.7	0.8	NO	34,44
97	NO	ok	56	12	8.0	4	60.0	107.4	5	80.0	47.4	0.4	0.8	NO	35,34
104	NO	ok	57	12	12.5	4	60.0	107.4	5	68.3	47.4	0.4	0.9	NO	35,34
111	NO	ok	32	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,29
126	NO	ok	33	12	8.0	4	60.0	47.4	4	90.0	47.4	0.6	0.9	NO	41,35
153	SI	ok	45	12	15.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	SI	41,51
156	NO	ok	172	12	15.0	4	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	44,39
157	NO	ok	42	12	8.0	4	50.0	107.2	5	75.0	37.2	0.4	1.0	SI	54,47
158	NO	ok	178	12	8.0	4	50.0	107.2	5	75.0	37.2	0.4	1.0	SI	57,52
159	NO	ok	88	12	15.0	4	50.0	107.2	5	75.0	37.2	0.4	0.6	NO	35,32
160	NO	ok	89	12	8.0	4	60.0	47.2	4	90.0	47.2	0.7	1.0	NO	35,38
161	SI	ok	91	12	15.0	4	60.0	47.2	4	90.0	47.2	0.6	1.0	NO	29,38
162	SI	ok	94	12	15.0	4	60.0	47.2	4	90.0	47.2	0.6	1.0	NO	38,29
163	NO	ok	95	12	8.0	4	60.0	47.2	4	90.0	47.2	0.7	1.0	NO	38,29
164	NO	ok	96	12	8.0	4	60.0	47.2	4	90.0	47.2	0.6	0.9	NO	41,31
185	NO	ok	43	12	10.0	4	80.0	107.4	5	80.0	47.4	0.4	1.0	NO	29,44
186	SI	ok	100	12	15.0	4	60.0	47.2	4	90.0	47.2	0.5	0.8	SI	30,41
193	NO	ok	2	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	29,39
194	NO	ok	23	12	10.0	4	50.0	107.4	5	75.0	37.4	0.3	0.8	SI	45,45
195	NO	ok	24	12	10.0	4	50.0	107.4	5	75.0	37.4	0.3	0.8	SI	45,45
196	NO	ok	25	12	15.0	4	50.0	107.4	5	75.0	37.4	0.3	0.6	NO	29,32
197	NO	ok	36	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
198	SI	ok	60	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
199	SI	ok	123	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
200	NO	ok	132	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
201	NO	ok	169	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
202	SI	ok	186	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
203	SI	ok	190	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
204	NO	ok	191	12	8.0	4	60.0	47.4	4	90.0	47.4	0.5	0.9	NO	29,29
206	NO	ok	206	12	8.0	4	80.0	107.4	5	80.0	47.4	0.3	0.9	SI	29,45
207	SI	ok	209	12	5.0	4	60.0	47.4	4	90.0	47.4	0.4	0.7	SI	29,45
Nodo					Passo							V. 7.4.8	V. Ash		
					5.00							0.72	1.00		

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	M T= 16	Z=410.0	P=16	P=20	Staffe	Rif. cmb
		cm					x/d	V N/M	V V/T cls	V V/T acc	L=cm	
205	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.32e-03	0.83	0.61	2d10/15 L=190	50,55,60
	s=21,m=4	110.0	0.48	11.4	15.2	1.6	0.10	0.23	0.84	0.62	2d10/15 L=190	4,55,60
		220.0	0.48	11.4	15.2	1.6	0.10	0.53	0.91	0.69	2d10/15 L=190	4,55,60
177	ok,ok	0.0	0.48	11.4	15.2	1.6	0.10	0.92	0.40	0.45	2d10/15 L=81	44,38,60
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.24	0.27	0.50	2d10/25 L=313	3,38,60
		551.4	0.59	11.4	19.0	1.6	0.12	0.68	0.44	0.50	2d10/25 L=284	44,38,60
69	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.92	0.44	0.53	2d10/15 L=75	44,55,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.25	0.34	2d10/20 L=505	3,55,60
		720.0	0.48	15.2	19.0	1.6	0.10	0.93	0.42	0.51	2d10/15 L=80	41,55,60
179	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.89	0.42	0.51	2d10/15 L=80	39,55,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.25	0.34	2d10/20 L=500	4,55,60
		720.0	0.57	15.2	22.8	1.6	0.11	0.72	0.44	0.53	2d10/15 L=80	41,55,60
180	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.84	0.44	0.54	2d10/15 L=80	44,54,60
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.48	0.25	0.35	2d10/20 L=480	3,54,60
		720.0	0.48	15.2	19.0	1.6	0.10	0.91	0.43	0.52	2d10/15 L=80	41,54,60
							M T= 22	Z=410.0	P=6	P=10		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
92	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	6.68e-03	0.66	0.53	2d10/12 L=190	55,57,60
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.30	0.71	0.59	2d10/12 L=190	3,57,60
		220.0	0.54	11.4	19.0	1.6	0.12	0.46	0.78	0.67	2d10/12 L=190	3,57,60
107	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.92	0.53	0.53	2d10/15 L=70	35,55,60
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.30	0.37	0.38	2d10/20 L=328	3,55,60
		528.0	0.54	11.4	19.0	1.6	0.12	0.84	0.53	0.53	2d10/15 L=70	34,55,60
120	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.88	0.41	0.53	2d10/15 L=70	35,55,60
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.71	0.19	0.27	2d10/20 L=520	4,54,60

		720.0	0.54	11.4	19.0	1.6	0.12	0.87	0.41	0.53	2d10/15 L=70	42,55,60	
119	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.94	0.42	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.22	0.30	2d10/20 L=520	3,55,60	
		720.0	0.65	11.4	22.8	1.6	0.14	0.72	0.44	0.56	2d10/15 L=70	34,55,60	
115	ok,ok	0.0	0.65	11.4	22.8	1.6	0.14	0.85	0.44	0.56	2d10/15 L=70	35,54,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.77	0.22	0.30	2d10/20 L=525	4,54,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.94	0.43	0.53	2d10/15 L=70	34,54,60	
							M T= 23	Z=410.0	P=1	P=16			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
105	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.89	0.23	0.26	2d10/15 L=80	54,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.18	0.19	0.27	2d10/20 L=500	55,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.70	0.23	0.26	2d10/15 L=80	55,60,60	
97	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.80	0.60	0.74	2d10/15 L=210	54,38,60	
	s=5,m=4	150.0	0.48	19.0	19.0	1.6	0.10	0.28	0.58	0.72	2d10/15 L=210	55,38,60	
		300.0	0.48	19.0	19.0	1.6	0.10	0.97	0.60	0.74	2d10/15 L=210	55,38,60	
93	ok,ok	0.0	0.48	19.0	19.0	1.6	0.10	0.92	0.35	0.44	2d10/15 L=80	54,60,60	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.33	0.53	2d10/20 L=221	54,60,60	
		561.0	0.38	15.2	15.2	1.6	0.09	0.92	0.35	0.44	2d10/15 L=80	55,60,60	
							M T= 25	Z=410.0	P=11	P=15			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
197	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.88	0.59	2d10/12 L=190	35,54,60	
	s=6,m=4	110.0	0.65	11.4	22.8	1.6	0.14	0.20	0.94	0.66	2d10/12 L=190	4,54,60	
		220.0	0.65	15.2	22.8	1.6	0.13	0.45	1.00	0.73	2d10/12 L=190	4,54,60	
106	ok,ok	0.0	0.65	15.2	22.8	1.6	0.13	0.89	0.48	0.58	2d10/15 L=70	44,45,60	
	s=6,m=4	264.0	0.65	11.4	22.8	1.6	0.10	0.29	0.33	0.48	2d10/20 L=328	3,45,60	
		528.0	0.65	15.2	22.8	1.6	0.13	0.87	0.48	0.59	2d10/15 L=70	41,45,60	
114	ok,ok	0.0	0.65	15.2	22.8	1.6	0.13	0.85	0.47	0.56	2d10/15 L=70	44,54,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.69	0.25	0.30	2d10/20 L=520	3,54,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.91	0.47	0.56	2d10/15 L=70	41,54,60	
113	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.92	0.43	0.53	2d10/15 L=70	44,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.22	0.30	2d10/20 L=520	4,55,60	
		720.0	0.65	11.4	22.8	1.6	0.14	0.73	0.44	0.56	2d10/15 L=70	41,55,60	
110	ok,ok	0.0	0.65	11.4	22.8	1.6	0.14	0.86	0.44	0.56	2d10/15 L=70	44,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.77	0.22	0.30	2d10/20 L=525	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.95	0.43	0.53	2d10/15 L=70	41,55,60	
							M T= 27	Z=410.0	P=4	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
127	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.51	0.15	0.08	4d8/5 L=50	48,41,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	9,41,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.50	0.15	0.08	4d8/5 L=50	45,41,60	
122	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.65	0.25	0.16	4d8/5 L=50	48,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.01	0.23	0.36	4d8/12 L=140	4,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.67	0.25	0.16	4d8/5 L=50	45,55,60	
121	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	48,35,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	9,35,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.52	0.15	0.08	4d8/5 L=50	45,35,60	
							M T= 28	Z=410.0	P=3	P=18			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
171	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.46	0.15	0.08	4d8/5 L=50	46,44,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	11,44,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.46	0.15	0.08	4d8/5 L=50	47,44,60	
170	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.57	0.26	0.16	4d8/5 L=50	46,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.01	0.24	0.36	4d8/12 L=140	4,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.59	0.26	0.16	4d8/5 L=50	47,55,60	
128	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.45	0.15	0.08	4d8/5 L=50	46,32,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	9,32,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.48	0.15	0.08	4d8/5 L=50	47,32,60	
							M T= 35	Z=410.0	P=2	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
176	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.53	0.15	0.08	4d8/5 L=50	54,41,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.11	0.13	4d8/12 L=560	4,41,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.49	0.15	0.08	4d8/5 L=50	55,41,60	
175	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.71	0.37	0.18	4d8/5 L=50	54,44,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.05	0.35	0.41	4d8/12 L=110	54,44,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.56	0.37	0.18	4d8/5 L=50	54,44,60	
174	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.42	0.19	0.10	4d8/5 L=50	54,32,60	
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.15	0.21	4d8/15 L=381	9,32,60	
		720.0	0.64	15.3	15.3	0.0	0.23	0.21	0.19	0.10	4d8/5 L=50	54,32,60	
							M T= 36	Z=410.0	P=5	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
183	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.93	0.37	0.44	2d10/15 L=80	45,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.29	0.43	2d10/20 L=405	51,60,60	
		720.0	0.57	22.8	22.8	1.6	0.11	0.77	0.35	0.41	2d10/15 L=80	45,60,60	
182	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.87	0.85	0.97	2d10/12 L=180	48,55,60	
	s=5,m=4	150.0	0.57	22.8	22.8	1.6	0.11	4.77e-03	0.82	0.93	2d10/12 L=180	39,55,60	

		300.0	0.57	22.8	22.8	1.6	0.11	0.88	0.85	0.97	2d10/12 L=180	45,55,60	
181	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.77	0.35	0.41	2d10/15 L=80	50,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.29	0.43	2d10/20 L=410	9,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.93	0.37	0.44	2d10/15 L=80	48,55,60	
							M T= 37	Z=410.0	P=1	P=5			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
195	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	6.85e-03	0.73	0.80	2d10/15 L=190	60,54,60	
	s=5,m=4	110.0	0.57	15.2	22.8	1.6	0.11	0.12	0.79	0.88	2d10/15 L=190	4,54,60	
		220.0	0.57	15.2	22.8	1.6	0.11	0.30	0.85	0.97	2d10/15 L=190	4,54,60	
188	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.85	0.49	0.56	2d10/15 L=80	35,48,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.19	0.35	0.48	2d10/20 L=308	29,48,60	
		528.0	0.48	15.2	19.0	1.6	0.10	0.87	0.46	0.53	2d10/15 L=80	34,48,60	
187	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.90	0.41	0.51	2d10/15 L=80	35,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.22	0.31	2d10/20 L=500	3,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.84	0.41	0.51	2d10/15 L=80	34,55,60	
185	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.96	0.42	0.51	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.24	0.34	2d10/20 L=500	4,55,60	
		720.0	0.57	15.2	22.8	1.6	0.11	0.71	0.44	0.53	2d10/15 L=80	34,55,60	
184	ok,ok	0.0	0.57	15.2	22.8	1.6	0.11	0.85	0.45	0.54	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.48	0.25	0.35	2d10/20 L=480	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.90	0.43	0.52	2d10/15 L=80	34,55,60	
							M T= 39	Z=410.0	N=181	N=183			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
201	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.39	0.17	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.16	0.12	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.32	0.17	0.11	2d8/5 L=50	55,60,60	
202	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.20	0.26	0.18	2d8/5 L=50	60,39,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.09	0.24	0.34	2d8/10 L=200	53,39,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.36	0.26	0.18	2d8/5 L=50	57,39,60	
203	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.54	0.23	0.17	2d8/5 L=50	54,38,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.27	0.14	0.18	2d8/10 L=461	1,38,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.63	0.23	0.17	2d8/5 L=50	55,38,60	
							M T= 9	Z=820.0	P=6	P=10			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
29	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	8.47e-03	0.68	0.53	2d10/12 L=190	55,53,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.30	0.72	0.59	2d10/12 L=190	3,53,60	
		220.0	0.54	11.4	19.0	1.6	0.12	0.45	0.79	0.67	2d10/12 L=190	3,53,60	
41	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.80	0.54	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.29	0.38	0.38	2d10/20 L=328	4,55,60	
		528.0	0.54	11.4	19.0	1.6	0.12	0.70	0.54	0.53	2d10/15 L=70	34,55,60	
52	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.79	0.41	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.69	0.19	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.76	0.41	0.53	2d10/15 L=70	34,55,60	
51	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.83	0.42	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.67	0.20	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.75	0.42	0.53	2d10/15 L=70	34,55,60	
49	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.87	0.43	0.53	2d10/15 L=70	35,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.20	0.27	2d10/20 L=525	3,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.84	0.43	0.53	2d10/15 L=70	34,55,60	
							M T= 10	Z=820.0	P=1	P=16			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
39	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.97	0.22	0.26	2d10/15 L=80	54,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.18	0.27	2d10/20 L=500	55,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.76	0.22	0.26	2d10/15 L=80	55,60,60	
34	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.86	0.63	0.82	2d10/15 L=210	55,39,60	
	s=5,m=4	150.0	0.57	22.8	22.8	1.6	0.11	0.25	0.62	0.80	2d10/15 L=210	55,39,60	
		300.0	0.57	22.8	22.8	1.6	0.11	0.89	0.63	0.82	2d10/15 L=210	55,39,60	
30	ok,ok	0.0	0.57	22.8	22.8	1.6	0.11	0.85	0.38	0.48	2d10/15 L=80	55,50,60	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.38	0.64	2d10/20 L=221	54,50,60	
		561.0	0.48	15.2	19.0	1.6	0.10	0.93	0.41	0.52	2d10/15 L=80	54,50,60	
							M T= 11	Z=820.0	P=11	P=15			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
82	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.83	0.52	2d10/12 L=190	35,54,60	
	s=6,m=4	110.0	0.54	11.4	19.0	1.6	0.12	0.24	0.88	0.59	2d10/12 L=190	4,54,60	
		220.0	0.54	11.4	19.0	1.6	0.12	0.54	0.94	0.66	2d10/12 L=190	4,54,60	
40	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.88	0.42	0.51	2d10/15 L=70	44,51,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.28	0.27	0.39	2d10/20 L=328	4,51,60	
		528.0	0.54	11.4	19.0	1.6	0.12	0.83	0.43	0.52	2d10/15 L=70	41,51,60	
48	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.91	0.45	0.53	2d10/15 L=70	43,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.22	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.78	0.45	0.53	2d10/15 L=70	42,55,60	
47	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.83	0.43	0.53	2d10/15 L=70	44,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.68	0.20	0.27	2d10/20 L=520	4,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.76	0.43	0.53	2d10/15 L=70	41,55,60	
44	ok,ok	0.0	0.54	11.4	19.0	1.6	0.12	0.87	0.43	0.53	2d10/15 L=70	43,55,60	

	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.73	0.20	0.27	2d10/20 L=525	3,55,60	
		720.0	0.54	11.4	19.0	1.6	0.12	0.85	0.43	0.53	2d10/15 L=70	42,55,60	
							M T= 12	Z=820.0	P=4	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
58	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.52	0.14	0.08	4d8/5 L=50	48,60,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	4,60,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.51	0.14	0.08	4d8/5 L=50	45,60,60	
54	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.65	0.25	0.16	4d8/5 L=50	48,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.02	0.23	0.36	4d8/12 L=140	3,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.68	0.25	0.16	4d8/5 L=50	45,55,60	
53	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.50	0.14	0.08	4d8/5 L=50	48,35,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	2,35,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.53	0.14	0.08	4d8/5 L=50	45,35,60	
							M T= 13	Z=820.0	P=3	P=18			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
62	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.48	0.14	0.08	4d8/5 L=50	46,60,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	3,60,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.48	0.14	0.08	4d8/5 L=50	47,60,60	
61	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.58	0.26	0.16	4d8/5 L=50	47,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.02	0.24	0.36	4d8/12 L=140	4,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.63	0.26	0.16	4d8/5 L=50	47,55,60	
59	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.46	0.14	0.08	4d8/5 L=50	46,35,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.14	0.10	0.13	4d8/12 L=560	9,35,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.50	0.14	0.08	4d8/5 L=50	47,35,60	
							M T= 14	Z=820.0	P=2	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
67	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.54	0.14	0.08	4d8/5 L=50	54,41,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.10	0.13	4d8/12 L=560	3,41,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.52	0.14	0.08	4d8/5 L=50	55,41,60	
66	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.72	0.34	0.18	4d8/5 L=50	55,44,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.04	0.32	0.41	4d8/12 L=110	54,44,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.60	0.34	0.18	4d8/5 L=50	55,44,60	
65	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.42	0.18	0.10	4d8/5 L=50	54,48,60	
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.14	0.21	4d8/15 L=381	1,32,60	
		720.0	0.64	15.3	15.3	0.0	0.23	0.21	0.18	0.10	4d8/5 L=50	54,48,60	
							M T= 15	Z=820.0	P=16	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
83	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.75e-03	0.85	0.61	2d10/15 L=190	50,55,60	
	s=21,m=4	110.0	0.48	11.4	15.2	1.6	0.10	0.23	0.86	0.62	2d10/15 L=190	4,55,60	
		220.0	0.48	11.4	15.2	1.6	0.10	0.53	0.92	0.69	2d10/15 L=190	4,55,60	
68	ok,ok	0.0	0.48	11.4	15.2	1.6	0.10	0.79	0.40	0.45	2d10/15 L=81	44,44,60	
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.24	0.24	0.45	2d10/25 L=313	4,41,60	
		551.4	0.48	11.4	15.2	1.6	0.10	0.61	0.41	0.46	2d10/25 L=284	41,44,60	
213	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.97	0.43	0.51	2d10/15 L=75	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.24	0.31	2d10/20 L=505	3,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.81	0.43	0.51	2d10/15 L=80	41,55,60	
70	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.82	0.42	0.51	2d10/15 L=80	39,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.23	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.77	0.42	0.51	2d10/15 L=80	41,55,60	
71	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.85	0.42	0.52	2d10/15 L=80	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.46	0.23	0.32	2d10/20 L=480	3,54,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.98	0.40	0.49	2d10/15 L=80	41,55,60	
							M T= 17	Z=820.0	P=5	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
74	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.89	0.34	0.41	2d10/15 L=80	45,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.26	0.40	2d10/20 L=405	9,60,60	
		720.0	0.57	19.0	22.8	1.6	0.11	0.77	0.34	0.41	2d10/15 L=80	45,60,60	
73	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	0.98	0.79	0.89	2d10/12 L=180	45,55,60	
	s=5,m=4	150.0	0.57	19.0	22.8	1.6	0.10	8.81e-03	0.75	0.85	2d10/12 L=180	3,55,60	
		300.0	0.57	19.0	22.8	1.6	0.11	0.96	0.79	0.89	2d10/12 L=180	48,55,60	
72	ok,ok	0.0	0.57	19.0	22.8	1.6	0.11	0.76	0.34	0.41	2d10/15 L=80	50,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.17	0.26	0.39	2d10/20 L=410	9,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.90	0.34	0.41	2d10/15 L=80	50,55,60	
							M T= 18	Z=820.0	P=1	P=5			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
81	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	6.34e-03	0.74	0.80	2d10/15 L=190	60,54,60	
	s=5,m=4	110.0	0.48	15.2	19.0	1.6	0.10	0.14	0.74	0.80	2d10/15 L=190	3,54,60	
		220.0	0.48	15.2	19.0	1.6	0.10	0.36	0.79	0.88	2d10/15 L=190	3,54,60	
79	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.87	0.46	0.53	2d10/15 L=80	35,46,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.17	0.32	0.43	2d10/20 L=308	34,46,60	
		528.0	0.48	15.2	19.0	1.6	0.10	0.73	0.46	0.53	2d10/15 L=80	34,46,60	
78	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.80	0.41	0.51	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.22	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.77	0.41	0.51	2d10/15 L=80	34,55,60	
76	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.85	0.41	0.51	2d10/15 L=80	32,55,60	

	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.42	0.22	0.31	2d10/20 L=500	4,55,60	
		720.0	0.48	15.2	19.0	1.6	0.10	0.76	0.41	0.51	2d10/15 L=80	34,55,60	
75	ok,ok	0.0	0.48	15.2	19.0	1.6	0.10	0.88	0.42	0.52	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.47	0.23	0.32	2d10/20 L=480	3,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.97	0.41	0.49	2d10/15 L=80	34,55,60	
							M T= 40	Z=820.0	N=172	N=174			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
204	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.40	0.16	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.16	0.12	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.34	0.16	0.11	2d8/5 L=50	55,60,60	
208	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.19	0.26	0.18	2d8/5 L=50	60,39,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.10	0.24	0.34	2d8/10 L=200	53,39,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.37	0.26	0.18	2d8/5 L=50	53,39,60	
210	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.56	0.23	0.17	2d8/5 L=50	54,50,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.27	0.14	0.18	2d8/10 L=461	1,50,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.64	0.23	0.17	2d8/5 L=50	55,50,60	
							M T= 1	Z=1230.0	P=3	P=18			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
1	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	46,44,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	4,44,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	47,44,60	
116	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.40	0.25	0.16	4d8/5 L=50	46,55,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	5.07e-03	0.23	0.36	4d8/12 L=140	54,55,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.45	0.25	0.16	4d8/5 L=50	47,55,60	
99	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.37	0.13	0.08	4d8/5 L=50	46,32,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	1,32,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.42	0.13	0.08	4d8/5 L=50	47,32,60	
							M T= 2	Z=1230.0	P=6	P=10			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
64	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.01	0.58	0.53	2d10/12 L=190	54,57,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.28	0.52	0.45	2d10/12 L=190	4,57,60	
		220.0	0.33	11.4	11.4	1.6	0.10	0.71	0.58	0.53	2d10/12 L=190	4,57,60	
194	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.83	0.44	0.44	2d10/15 L=70	35,55,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.23	0.31	0.34	2d10/20 L=328	4,55,60	
		528.0	0.43	11.4	15.2	1.6	0.11	0.55	0.46	0.48	2d10/15 L=70	34,55,60	
98	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.68	0.36	0.48	2d10/15 L=70	4,45,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.66	0.16	0.24	2d10/20 L=520	4,45,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.69	0.36	0.48	2d10/15 L=70	4,45,60	
87	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.76	0.37	0.48	2d10/15 L=70	4,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.60	0.16	0.24	2d10/20 L=520	4,55,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.68	0.37	0.48	2d10/15 L=70	4,55,60	
3	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.78	0.38	0.49	2d10/15 L=70	4,54,4	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.74	0.17	0.24	2d10/20 L=525	4,54,60	
		720.0	0.33	11.4	11.4	1.6	0.10	0.76	0.36	0.46	2d10/15 L=70	34,54,60	
							M T= 3	Z=1230.0	P=2	P=17			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
6	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.41	0.14	0.08	4d8/5 L=50	54,57,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.16	0.10	0.13	4d8/12 L=560	4,57,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.42	0.14	0.08	4d8/5 L=50	55,57,60	
5	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.57	0.31	0.18	4d8/5 L=50	55,35,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	0.05	0.30	0.41	4d8/12 L=110	54,35,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.57	0.31	0.18	4d8/5 L=50	55,35,60	
4	ok,ok	0.0	0.64	15.3	15.3	0.0	0.23	0.33	0.18	0.10	4d8/5 L=50	54,45,60	
	s=24,m=4	360.0	0.64	15.3	15.3	0.0	0.23	0.13	0.14	0.21	4d8/15 L=381	1,45,60	
		720.0	0.64	15.3	15.3	0.0	0.23	0.17	0.18	0.10	4d8/5 L=50	54,45,60	
							M T= 4	Z=1230.0	P=16	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
22	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	8.27e-03	0.71	0.59	2d10/15 L=190	50,55,60	
	s=21,m=4	110.0	0.36	11.4	11.4	1.6	0.09	0.17	0.66	0.54	2d10/15 L=190	4,55,60	
		220.0	0.36	11.4	11.4	1.6	0.09	0.43	0.71	0.59	2d10/15 L=190	4,55,60	
7	ok,ok	0.0	0.36	11.4	11.4	1.6	0.09	0.66	0.35	0.38	2d10/15 L=81	44,44,60	
	s=21,m=4	275.7	0.36	11.4	11.4	1.6	0.09	0.17	0.23	0.38	2d10/25 L=313	4,44,60	
		551.4	0.36	11.4	11.4	1.6	0.09	0.49	0.36	0.39	2d10/25 L=284	41,44,60	
151	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.71	0.40	0.44	2d10/15 L=75	44,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.37	0.24	0.27	2d10/20 L=505	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.60	0.40	0.44	2d10/15 L=80	41,55,60	
9	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.61	0.36	0.44	2d10/15 L=80	39,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.36	0.20	0.27	2d10/20 L=500	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.57	0.36	0.44	2d10/15 L=80	41,55,60	
10	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.64	0.37	0.45	2d10/15 L=80	39,54,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.43	0.21	0.28	2d10/20 L=480	4,54,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.50	0.37	0.45	2d10/15 L=80	41,54,60	
							M T= 5	Z=1230.0	P=5	P=20			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
13	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.81	0.27	0.32	2d10/15 L=80	48,60,60	

	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.12	0.22	0.32	2d10/20 L=405	45,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.74	0.27	0.32	2d10/15 L=80	45,60,60	
12	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.68	0.58	0.79	2d10/15 L=180	50,55,60	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	3.77e-03	0.55	0.75	2d10/15 L=180	38,55,60	
		300.0	0.38	15.2	15.2	1.6	0.09	0.69	0.58	0.79	2d10/15 L=180	45,55,60	
11	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.73	0.27	0.32	2d10/15 L=80	50,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.12	0.22	0.32	2d10/20 L=410	48,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.84	0.27	0.32	2d10/15 L=80	45,55,60	
							M T= 6	Z=1230.0	P=1	P=5			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
20	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	4.76e-03	0.69	0.78	2d10/15 L=190	60,54,60	
	s=5,m=4	110.0	0.38	15.2	15.2	1.6	0.09	0.16	0.64	0.71	2d10/15 L=190	4,54,60	
		220.0	0.38	15.2	15.2	1.6	0.09	0.40	0.69	0.78	2d10/15 L=190	4,54,60	
18	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.61	0.42	0.46	2d10/15 L=80	35,54,60	
	s=5,m=4	264.0	0.38	15.2	15.2	1.6	0.09	0.11	0.30	0.39	2d10/20 L=308	34,54,60	
		528.0	0.38	15.2	15.2	1.6	0.09	0.51	0.42	0.46	2d10/15 L=80	34,54,60	
17	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.58	0.34	0.44	2d10/15 L=80	32,48,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.38	0.18	0.27	2d10/20 L=500	4,48,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.60	0.34	0.44	2d10/15 L=80	34,48,60	
15	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.63	0.35	0.44	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.34	0.19	0.27	2d10/20 L=500	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.58	0.35	0.44	2d10/15 L=80	34,55,60	
14	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.65	0.37	0.45	2d10/15 L=80	32,55,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.44	0.21	0.28	2d10/20 L=480	4,55,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.50	0.37	0.45	2d10/15 L=80	34,55,60	
							M T= 8	Z=1230.0	P=11	P=15			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
21	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	2.18e-03	0.63	0.52	2d10/12 L=190	52,54,60	
	s=6,m=4	110.0	0.33	11.4	11.4	1.6	0.10	0.26	0.57	0.45	2d10/12 L=190	4,54,60	
		220.0	0.33	11.4	11.4	1.6	0.10	0.64	0.63	0.52	2d10/12 L=190	4,54,60	
193	ok,ok	0.0	0.33	11.4	11.4	1.6	0.10	0.88	0.38	0.42	2d10/15 L=70	44,47,60	
	s=6,m=4	264.0	0.33	11.4	11.4	1.6	0.10	0.24	0.26	0.33	2d10/20 L=328	4,47,60	
		528.0	0.43	11.4	15.2	1.6	0.11	0.65	0.41	0.47	2d10/15 L=70	41,47,60	
199	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.77	0.42	0.48	2d10/15 L=70	4,54,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.64	0.22	0.24	2d10/20 L=520	4,54,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.64	0.42	0.48	2d10/15 L=70	42,54,60	
168	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.74	0.38	0.48	2d10/15 L=70	4,55,60	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.61	0.17	0.24	2d10/20 L=520	4,55,60	
		720.0	0.43	11.4	15.2	1.6	0.11	0.69	0.38	0.48	2d10/15 L=70	4,55,60	
207	ok,ok	0.0	0.43	11.4	15.2	1.6	0.11	0.78	0.38	0.49	2d10/15 L=70	4,55,4	
	s=6,m=4	360.0	0.33	11.4	11.4	1.6	0.10	0.74	0.17	0.24	2d10/20 L=525	4,55,60	
		720.0	0.33	11.4	11.4	1.6	0.10	0.77	0.37	0.46	2d10/15 L=70	42,55,60	
							M T= 20	Z=1230.0	P=1	P=16			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
192	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.57	0.21	0.26	2d10/15 L=80	54,60,60	
	s=5,m=4	360.0	0.38	15.2	15.2	1.6	0.09	0.16	0.17	0.27	2d10/20 L=500	55,60,60	
		720.0	0.38	15.2	15.2	1.6	0.09	0.47	0.21	0.26	2d10/15 L=80	55,60,60	
173	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.35	0.51	0.67	2d10/15 L=210	55,38,60	
	s=5,m=4	150.0	0.38	15.2	15.2	1.6	0.09	0.32	0.50	0.64	2d10/15 L=210	55,38,60	
		300.0	0.38	15.2	15.2	1.6	0.09	0.84	0.51	0.67	2d10/15 L=210	55,38,60	
80	ok,ok	0.0	0.38	15.2	15.2	1.6	0.09	0.97	0.31	0.40	2d10/15 L=80	55,50,60	
	s=5,m=4	280.5	0.38	15.2	15.2	1.6	0.09	0.06	0.28	0.47	2d10/20 L=221	54,50,60	
		561.0	0.38	15.2	15.2	1.6	0.09	0.84	0.31	0.40	2d10/15 L=80	55,50,60	
							M T= 21	Z=1230.0	P=4	P=19			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
90	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.42	0.13	0.08	4d8/5 L=50	46,57,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	3,57,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.40	0.13	0.08	4d8/5 L=50	47,57,60	
104	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.44	0.24	0.16	4d8/5 L=50	46,54,60	
	s=7,m=4	150.0	0.57	15.3	15.3	0.0	0.22	2.41e-03	0.22	0.36	4d8/12 L=140	4,54,60	
		300.0	0.57	15.3	15.3	0.0	0.22	0.46	0.24	0.16	4d8/5 L=50	47,54,60	
101	ok,ok	0.0	0.57	15.3	15.3	0.0	0.22	0.39	0.13	0.08	4d8/5 L=50	48,54,60	
	s=7,m=4	360.0	0.57	15.3	15.3	0.0	0.22	0.15	0.09	0.13	4d8/12 L=560	3,54,60	
		720.0	0.57	15.3	15.3	0.0	0.22	0.43	0.13	0.08	4d8/5 L=50	45,54,60	
							M T= 38	Z=1230.0	N=168	N=170			
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb	
211	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.32	0.15	0.11	2d8/5 L=50	54,60,60	
	s=9,m=4	360.0	0.63	11.4	11.4	0.0	0.24	0.17	0.11	0.14	2d8/10 L=620	4,60,60	
		720.0	0.63	11.4	11.4	0.0	0.24	0.27	0.15	0.11	2d8/5 L=50	55,60,60	
200	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.08	0.24	0.18	2d8/5 L=50	60,38,60	
	s=9,m=4	150.0	0.63	11.4	11.4	0.0	0.24	0.07	0.22	0.34	2d8/10 L=200	53,38,60	
		300.0	0.63	11.4	11.4	0.0	0.24	0.23	0.24	0.18	2d8/5 L=50	53,38,60	
198	ok,ok	0.0	0.63	11.4	11.4	0.0	0.24	0.31	0.17	0.12	2d8/5 L=50	54,50,60	
	s=9,m=4	280.5	0.63	11.4	11.4	0.0	0.24	0.08	0.14	0.18	2d8/10 L=461	1,50,60	
		561.0	0.63	11.4	11.4	0.0	0.24	0.38	0.17	0.12	2d8/5 L=50	55,50,60	

Trave		%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc				
		0.65	22.81	22.81	1.57	0.24	0.98	1.00	0.97				

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	kN m	kN m	kN m	kN m	cm	kN	kN	kN	kN	kN	cm2
1	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
3	359.59	273.30	273.31	273.31	665.00	104.69	90.42	0.0	0.0	0.0	0.0
4	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
5	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
6	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
7	315.07	315.07	315.07	315.07	442.36	156.70	156.70	0.0	0.0	0.0	0.0
9	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
10	419.02	419.02	419.02	419.02	640.00	144.04	144.04	0.0	0.0	0.0	0.0
11	419.02	419.02	419.02	419.02	570.00	161.73	161.73	0.0	0.0	0.0	0.0
12	419.02	419.02	419.02	419.02	180.00	512.14	512.14	0.0	0.0	0.0	0.0
13	419.02	419.02	419.02	419.02	565.00	163.16	163.16	0.0	0.0	0.0	0.0
14	419.02	419.02	419.02	419.02	640.00	144.04	144.04	0.0	0.0	0.0	0.0
15	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
17	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
18	419.02	419.02	419.02	419.02	468.00	196.98	196.98	0.0	0.0	0.0	0.0
20	419.02	419.02	419.02	419.02	190.00	485.19	485.19	0.0	0.0	0.0	0.0
21	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
22	315.07	315.07	315.07	315.07	190.00	364.82	364.82	0.0	0.0	0.0	0.0
29	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
30	620.86	620.86	520.03	419.00	381.00	300.22	329.39	0.0	0.0	0.0	0.0
34	419.02	419.02	620.86	620.86	210.00	544.70	544.70	0.0	0.0	0.0	0.0
39	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
40	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
41	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
44	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
47	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
48	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
49	445.56	273.26	445.56	273.26	665.00	118.90	118.90	0.0	0.0	0.0	0.0
51	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
52	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
53	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
54	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
58	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
59	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
61	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
62	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
64	273.31	273.31	273.31	273.31	190.00	316.46	316.46	0.0	0.0	0.0	0.0
65	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
66	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
67	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
68	415.94	314.96	415.94	314.96	442.36	181.75	181.75	0.0	0.0	0.0	0.0
69	620.50	419.10	520.03	419.00	660.00	173.25	156.52	0.0	0.0	0.0	0.0
70	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
71	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
72	620.63	519.99	520.03	419.00	570.00	200.63	200.71	0.0	0.0	0.0	0.0
73	620.63	519.99	620.63	519.99	180.00	697.05	697.05	0.0	0.0	0.0	0.0
74	520.03	419.00	620.63	519.99	565.00	202.48	202.41	0.0	0.0	0.0	0.0
75	520.03	419.00	419.02	419.02	640.00	161.40	144.04	0.0	0.0	0.0	0.0
76	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
78	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
79	520.03	419.00	520.03	419.00	468.00	220.71	220.71	0.0	0.0	0.0	0.0
80	419.02	419.02	419.02	419.02	381.00	241.96	241.96	0.0	0.0	0.0	0.0
81	419.02	419.02	520.03	419.00	190.00	485.17	543.66	0.0	0.0	0.0	0.0
82	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
83	315.07	315.07	415.94	314.96	190.00	364.76	423.22	0.0	0.0	0.0	0.0
87	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
90	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
92	273.31	273.31	445.56	273.26	190.00	316.44	416.19	0.0	0.0	0.0	0.0
93	520.08	520.08	419.02	419.02	381.00	271.13	271.13	0.0	0.0	0.0	0.0
97	419.02	419.02	520.08	520.08	210.00	491.91	491.91	0.0	0.0	0.0	0.0
98	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
99	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
101	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
104	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
105	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
106	531.26	359.57	531.26	359.57	468.00	209.38	209.38	0.0	0.0	0.0	0.0
107	445.56	273.26	445.56	273.26	468.00	168.95	168.95	0.0	0.0	0.0	0.0
110	530.72	273.37	445.56	273.26	665.00	132.99	118.92	0.0	0.0	0.0	0.0

Trave	M negativo i	M positivo i	M negativo f	M positivo f	Luce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
113	445.56	273.26	530.72	273.37	660.00	119.82	134.00	0.0	0.0	0.0	0.0
114	531.26	359.57	445.56	273.26	660.00	134.09	134.19	0.0	0.0	0.0	0.0
115	530.72	273.37	445.56	273.26	665.00	132.99	118.92	0.0	0.0	0.0	0.0
116	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
119	445.56	273.26	530.72	273.37	660.00	119.82	134.00	0.0	0.0	0.0	0.0
120	445.56	273.26	445.56	273.26	660.00	119.80	119.80	0.0	0.0	0.0	0.0
121	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
122	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
127	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
128	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
151	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
168	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
170	134.66	134.66	134.66	134.66	240.00	123.44	123.44	0.0	0.0	0.0	0.0
171	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
173	419.02	419.02	419.02	419.02	210.00	438.98	438.98	0.0	0.0	0.0	0.0
174	132.32	132.32	132.32	132.32	481.00	60.52	60.52	0.0	0.0	0.0	0.0
175	134.66	134.66	134.66	134.66	210.00	141.07	141.07	0.0	0.0	0.0	0.0
176	134.66	134.66	134.66	134.66	660.00	44.89	44.89	0.0	0.0	0.0	0.0
177	415.94	314.96	516.33	315.04	442.36	181.77	206.72	0.0	0.0	0.0	0.0
179	520.03	419.00	620.50	419.10	660.00	156.52	173.25	0.0	0.0	0.0	0.0
180	620.50	419.10	520.03	419.00	640.00	178.67	161.41	0.0	0.0	0.0	0.0
181	620.86	620.86	520.03	419.00	570.00	200.67	220.17	0.0	0.0	0.0	0.0
182	620.86	620.86	620.86	620.86	180.00	758.83	758.83	0.0	0.0	0.0	0.0
183	520.03	419.00	620.86	620.86	565.00	222.12	202.45	0.0	0.0	0.0	0.0
184	620.50	419.10	520.03	419.00	640.00	178.67	161.41	0.0	0.0	0.0	0.0
185	520.03	419.00	620.50	419.10	660.00	156.52	173.25	0.0	0.0	0.0	0.0
187	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
188	620.50	419.10	520.03	419.00	468.00	244.33	220.73	0.0	0.0	0.0	0.0
192	419.02	419.02	419.02	419.02	660.00	139.67	139.67	0.0	0.0	0.0	0.0
193	273.31	273.31	359.59	273.30	468.00	128.48	148.76	0.0	0.0	0.0	0.0
194	273.31	273.31	359.59	273.30	468.00	128.48	148.76	0.0	0.0	0.0	0.0
195	419.02	419.02	620.50	419.10	190.00	485.23	601.83	0.0	0.0	0.0	0.0
197	273.31	273.31	531.26	359.57	190.00	366.41	465.80	0.0	0.0	0.0	0.0
198	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
199	359.59	273.30	359.59	273.30	660.00	105.48	105.48	0.0	0.0	0.0	0.0
200	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
201	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
202	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
203	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
204	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
205	315.07	315.07	415.94	314.96	190.00	364.76	423.22	0.0	0.0	0.0	0.0
207	359.59	273.30	273.31	273.31	665.00	104.69	90.42	0.0	0.0	0.0	0.0
208	98.20	98.20	98.20	98.20	300.00	72.02	72.02	0.0	0.0	0.0	0.0
210	98.20	98.20	98.20	98.20	561.00	38.51	38.51	0.0	0.0	0.0	0.0
211	98.20	98.20	98.20	98.20	720.00	30.01	30.01	0.0	0.0	0.0	0.0
213	520.03	419.00	520.03	419.00	660.00	156.50	156.50	0.0	0.0	0.0	0.0
Trave	M negativo i	M positivo i	M negativo f	M positivo f		V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	620.86	620.86	620.86	620.86		758.83	758.83	0.0	0.0	0.0	0.0

STATO LIMITE D' ESERCIZIO: SLD DANNO SISMICO

LEGENDA TABELLA STATI LIMITE DI DANNO (VERIFICHE RES)

TABELLA VERIFICHE ELEMENTI D2 PILASTRI C.A.

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		cm					cm				
2	ok	0.0	0.27	0.14	0.16	61,86,66	205.0	0.21	0.14	0.21	77,86,66
		410.0	0.52	0.14	0.16	61,86,66					
8	ok	0.0	0.85	0.26	0.27	76,76,76	205.0	0.12	0.27	0.44	78,76,76
		410.0	0.51	0.27	0.27	76,76,76					
16	ok	0.0	0.38	0.22	0.14	86,86,86	205.0	0.09	0.22	0.24	66,86,86
		410.0	0.54	0.22	0.14	86,86,86					
23	ok	0.0	0.42	0.27	0.17	77,77,77	205.0	0.17	0.27	0.22	77,77,77
		410.0	0.78	0.28	0.17	77,77,77					
24	ok	0.0	0.42	0.28	0.17	82,82,80	205.0	0.17	0.28	0.23	82,82,80
		410.0	0.78	0.28	0.17	82,82,80					
25	ok	0.0	0.28	0.14	0.16	70,89,73	205.0	0.22	0.14	0.21	82,89,73
		410.0	0.52	0.14	0.16	70,89,73					
26	ok	0.0	0.48	0.25	0.21	70,82,73	205.0	0.08	0.25	0.28	64,82,73
		410.0	0.58	0.25	0.21	70,82,73					
27	ok	0.0	0.63	0.26	0.25	71,71,76	205.0	0.02	0.26	0.42	73,71,76
		410.0	0.66	0.26	0.25	71,71,76					
28	ok	0.0	0.51	0.23	0.21	68,64,67	205.0	0.03	0.23	0.35	66,64,67
		410.0	0.55	0.23	0.21	68,64,67					
31	ok	0.0	0.53	0.24	0.22	75,67,67	205.0	0.03	0.24	0.37	69,67,67
		410.0	0.56	0.24	0.22	75,67,67					
32	ok	0.0	0.64	0.28	0.27	64,67,67	205.0	0.03	0.28	0.46	61,67,67
		410.0	0.68	0.28	0.27	64,67,67					
33	ok	0.0	0.61	0.27	0.26	67,67,67	205.0	0.02	0.27	0.44	66,67,67
		410.0	0.65	0.27	0.26	67,67,67					
35	ok	0.0	0.51	0.24	0.21	67,67,67	205.0	0.03	0.24	0.35	69,67,67
		410.0	0.55	0.24	0.21	67,67,67					
36	ok	0.0	0.41	0.19	0.16	76,76,76	205.0	0.08	0.19	0.27	83,76,76
		410.0	0.55	0.19	0.16	71,76,76					
37	ok	0.0	0.51	0.23	0.21	76,67,67	205.0	0.03	0.23	0.35	63,67,67
		410.0	0.56	0.23	0.21	76,67,67					
38	ok	0.0	0.64	0.27	0.26	71,71,76	205.0	0.02	0.27	0.43	71,71,76
		410.0	0.68	0.27	0.26	76,71,76					
42	ok	0.0	1.00	0.37	0.16	77,77,77	205.0	0.41	0.37	0.16	83,77,77
		410.0	0.39	0.37	0.16	61,77,77					
43	ok	0.0	0.59	0.22	0.27	71,67,67	205.0	0.06	0.22	0.35	71,67,67
		410.0	0.71	0.22	0.27	76,67,67					
45	ok	0.0	0.68	0.29	0.25	67,67,67	205.0	0.03	0.29	0.41	69,67,67
		410.0	0.71	0.30	0.25	67,67,67					
46	ok	0.0	0.77	0.32	0.30	67,67,67	205.0	0.02	0.32	0.49	70,67,67
		410.0	0.80	0.32	0.30	67,67,67					
50	ok	0.0	0.57	0.27	0.20	66,66,67	205.0	0.03	0.27	0.33	61,66,67
		410.0	0.63	0.27	0.20	66,66,67					
55	ok	0.0	0.83	0.35	0.28	87,87,87	205.0	0.04	0.35	0.47	73,87,87
		410.0	0.83	0.35	0.28	87,87,87					
56	ok	0.0	0.63	0.34	0.32	89,89,87	205.0	0.07	0.35	0.42	73,89,87
		410.0	0.62	0.35	0.32	66,89,87					
57	ok	0.0	0.45	0.24	0.21	92,92,92	205.0	0.07	0.24	0.28	62,92,92
		410.0	0.49	0.25	0.21	73,92,92					
60	ok	0.0	0.31	0.16	0.14	72,64,67	205.0	0.07	0.16	0.24	72,64,67
		410.0	0.47	0.16	0.14	72,64,67					
63	ok	0.0	0.48	0.24	0.21	61,77,66	205.0	0.08	0.24	0.29	71,77,66
		410.0	0.59	0.24	0.21	61,77,66					
84	ok	0.0	0.77	0.37	0.24	77,77,77	205.0	0.07	0.37	0.32	63,77,77
		410.0	0.78	0.37	0.24	77,77,77					
85	ok	0.0	0.77	0.37	0.25	82,82,80	205.0	0.07	0.37	0.33	72,82,80

Pilas.	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		410.0	0.77	0.37	0.25	82,82,80					
86	ok	0.0	0.18	0.14	0.12	72,92,86	205.0	0.19	0.14	0.16	76,92,86
		410.0	0.44	0.14	0.12	92,92,86					
88	ok	0.0	0.91	0.30	0.17	71,82,73	205.0	0.38	0.30	0.17	80,82,73
		410.0	0.34	0.30	0.17	70,82,73					
89	ok	0.0	0.83	0.26	0.26	71,71,76	205.0	0.13	0.26	0.44	82,71,76
		410.0	0.49	0.26	0.26	76,71,76					
91	ok	0.0	0.75	0.24	0.23	71,64,76	205.0	0.13	0.24	0.31	71,64,76
		410.0	0.42	0.24	0.23	76,64,76					
94	ok	0.0	0.76	0.24	0.24	71,67,67	205.0	0.13	0.24	0.32	64,67,67
		410.0	0.42	0.24	0.24	75,67,67					
95	ok	0.0	0.85	0.27	0.28	64,64,67	205.0	0.13	0.27	0.46	77,64,67
		410.0	0.51	0.28	0.28	67,64,67					
96	ok	0.0	0.85	0.27	0.27	67,67,67	205.0	0.13	0.27	0.45	87,67,67
		410.0	0.49	0.27	0.27	67,67,67					
100	ok	0.0	0.76	0.25	0.23	67,67,67	205.0	0.13	0.25	0.31	67,67,67
		410.0	0.40	0.25	0.23	67,67,67					
102	ok	0.0	0.75	0.24	0.23	76,76,76	205.0	0.13	0.24	0.31	63,76,76
		410.0	0.42	0.24	0.23	76,76,76					
109	ok	0.0	0.94	0.29	0.22	76,67,67	205.0	0.37	0.29	0.22	79,67,67
		410.0	0.55	0.29	0.22	71,67,67					
111	ok	0.0	0.91	0.29	0.26	67,67,67	205.0	0.13	0.29	0.34	66,67,67
		410.0	0.54	0.30	0.26	67,67,67					
112	ok	0.0	0.88	0.32	0.20	67,67,67	205.0	0.14	0.32	0.20	87,67,67
		410.0	0.55	0.32	0.20	67,67,67					
117	ok	0.0	0.74	0.29	0.22	66,66,66	205.0	0.14	0.29	0.30	66,66,66
		410.0	0.51	0.29	0.22	66,66,66					
123	ok	0.0	0.33	0.18	0.15	67,67,67	205.0	0.08	0.18	0.24	63,67,67
		410.0	0.50	0.18	0.15	67,67,67					
124	ok	0.0	0.67	0.26	0.19	73,89,87	205.0	0.14	0.26	0.26	73,89,87
		410.0	0.52	0.26	0.19	89,89,87					
125	ok	0.0	0.87	0.30	0.25	66,86,86	205.0	0.30	0.30	0.25	86,86,86
		410.0	0.37	0.30	0.25	66,86,86					
126	ok	0.0	0.82	0.30	0.27	73,89,73	205.0	0.38	0.30	0.27	89,89,73
		410.0	0.22	0.30	0.27	73,89,73					
129	ok	0.0	0.69	0.29	0.25	87,87,87	205.0	0.08	0.29	0.41	73,87,87
		410.0	0.80	0.29	0.25	87,87,87					
132	ok	0.0	0.44	0.21	0.18	67,67,67	205.0	0.08	0.21	0.31	80,67,67
		410.0	0.57	0.21	0.18	64,67,67					
160	ok	0.0	0.61	0.27	0.20	76,92,76	205.0	0.07	0.27	0.34	77,92,76
		410.0	0.71	0.27	0.20	76,92,76					
163	ok	0.0	0.35	0.26	0.24	89,89,87	205.0	0.17	0.26	0.32	89,89,87
		410.0	0.70	0.27	0.24	89,89,87					
169	ok	0.0	0.43	0.20	0.18	67,67,67	205.0	0.08	0.20	0.29	86,67,67
		410.0	0.55	0.20	0.18	64,67,67					
172	ok	0.0	0.93	0.31	0.18	64,77,66	205.0	0.39	0.31	0.18	83,77,66
		410.0	0.35	0.31	0.18	61,77,66					
178	ok	0.0	0.98	0.37	0.16	82,82,80	205.0	0.41	0.37	0.16	80,82,80
		410.0	0.39	0.37	0.16	70,82,80					
186	ok	0.0	0.33	0.18	0.14	67,67,67	205.0	0.07	0.18	0.23	67,67,67
		410.0	0.48	0.18	0.14	67,67,67					
190	ok	0.0	0.32	0.16	0.14	76,76,67	205.0	0.07	0.16	0.23	76,76,67
		410.0	0.48	0.16	0.14	76,76,67					
191	ok	0.0	0.45	0.19	0.17	76,76,76	205.0	0.11	0.19	0.28	83,76,76
		410.0	0.57	0.19	0.17	76,76,76					
206	ok	0.0	0.35	0.14	0.18	76,67,67	205.0	0.14	0.14	0.24	92,67,67
		410.0	0.60	0.14	0.18	76,67,67					
209	ok	0.0	0.47	0.23	0.17	67,67,67	205.0	0.09	0.23	0.28	67,67,67
		410.0	0.65	0.23	0.17	67,67,67					
212	ok	0.0	0.52	0.22	0.20	67,64,67	205.0	0.06	0.22	0.34	72,64,67
		410.0	0.65	0.22	0.20	64,64,67					
247	ok	0.0	0.36	0.16	0.12	76,67,92	205.0	0.14	0.16	0.21	92,67,92
		410.0	0.59	0.16	0.12	76,67,92					
254	ok	0.0	0.99	0.38	0.15	92,92,76	205.0	0.52	0.39	0.15	87,92,76
		410.0	0.40	0.39	0.15	71,92,76					
Pilas.			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			1.00	0.39	0.49						

TABELLA VERIFICHE ELEMENTI D2 TRAVI C.A.

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
		cm					cm				
1	ok	0.0	0.42	0.06	0.04	78,92,78	360.0	0.13	0.02	0.03	87,92,79
		720.0	0.42	0.06	0.04	79,89,79					
3	ok	0.0	0.76	0.26	0.35	64,76,67	360.0	0.51	0.07	0.10	64,76,67
		720.0	0.78	0.23	0.31	66,66,66					
4	ok	0.0	0.32	0.07	0.03	86,84,86	360.0	0.16	0.04	0.04	87,81,87
		720.0	0.22	0.06	0.03	87,81,87					
5	ok	0.0	0.62	0.13	0.07	87,87,87	150.0	0.10	0.14	0.20	87,87,87
		300.0	0.62	0.15	0.09	87,87,87					
6	ok	0.0	0.43	0.06	0.04	86,92,86	360.0	0.15	0.03	0.03	87,89,87
		720.0	0.45	0.07	0.04	87,89,87					
7	ok	0.0	0.68	0.17	0.20	76,76,76	275.7	0.17	0.08	0.15	76,73,73
		551.4	0.48	0.17	0.20	73,73,73					
9	ok	0.0	0.63	0.20	0.26	71,92,76	360.0	0.33	0.06	0.06	79,89,76
		720.0	0.59	0.21	0.25	73,89,73					
10	ok	0.0	0.65	0.23	0.29	71,92,76	360.0	0.34	0.08	0.09	83,92,76
		720.0	0.50	0.19	0.24	73,66,73					
11	ok	0.0	0.70	0.16	0.20	82,80,82	360.0	0.09	0.13	0.20	81,83,83
		720.0	0.81	0.18	0.21	83,83,83					
12	ok	0.0	0.66	0.30	0.43	82,82,82	150.0	0.02	0.30	0.42	70,83,83
		300.0	0.67	0.31	0.44	77,83,83					
13	ok	0.0	0.79	0.17	0.20	82,80,80	360.0	0.09	0.13	0.19	78,80,80
		720.0	0.70	0.16	0.20	77,83,77					
14	ok	0.0	0.66	0.24	0.29	64,87,67	360.0	0.34	0.09	0.10	80,87,67
		720.0	0.49	0.19	0.24	66,73,66					
15	ok	0.0	0.65	0.21	0.27	64,87,67	360.0	0.31	0.07	0.07	86,87,67
		720.0	0.59	0.20	0.25	66,86,66					
17	ok	0.0	0.60	0.20	0.26	64,64,67	360.0	0.34	0.05	0.06	82,67,67
		720.0	0.61	0.19	0.26	66,66,66					
18	ok	0.0	0.61	0.23	0.24	64,87,67	264.0	0.13	0.13	0.11	90,87,67
		528.0	0.51	0.23	0.23	66,86,66					
20	ok	0.0	0.02	0.16	0.03	67,86,86	110.0	0.13	0.21	0.10	76,86,86
		220.0	0.31	0.25	0.15	76,86,86					
21	ok	0.0	0.01	0.21	0.03	67,86,74	110.0	0.19	0.27	0.10	69,86,74
		220.0	0.46	0.31	0.15	74,86,74					
22	ok	0.0	0.02	0.21	0.03	72,87,87	110.0	0.16	0.26	0.09	67,87,87
		220.0	0.36	0.30	0.13	87,87,87					
29	ok	0.0	0.02	0.24	0.04	87,89,92	110.0	0.25	0.31	0.13	76,89,92
		220.0	0.36	0.36	0.19	76,89,92					
30	ok	0.0	0.83	0.26	0.34	87,92,86	280.5	0.09	0.27	0.47	92,89,87
		561.0	0.90	0.28	0.38	86,89,87					
34	ok	0.0	0.84	0.44	0.62	87,89,87	150.0	0.24	0.45	0.64	86,89,87
		300.0	0.87	0.46	0.65	87,89,87					
39	ok	0.0	0.95	0.16	0.18	86,92,86	360.0	0.15	0.13	0.19	87,89,87
		720.0	0.75	0.17	0.19	87,89,87					
40	ok	0.0	0.90	0.30	0.40	71,71,76	264.0	0.24	0.17	0.28	73,71,76
		528.0	0.84	0.30	0.40	73,70,73					
41	ok	0.0	0.82	0.37	0.38	67,87,67	264.0	0.26	0.23	0.23	73,87,67
		528.0	0.71	0.34	0.37	66,86,66					
44	ok	0.0	0.90	0.31	0.42	71,67,71	360.0	0.54	0.11	0.15	71,67,71
		720.0	0.86	0.29	0.39	70,73,70					
47	ok	0.0	0.85	0.30	0.40	76,67,76	360.0	0.48	0.09	0.13	66,67,76
		720.0	0.78	0.28	0.38	73,73,73					
48	ok	0.0	0.94	0.32	0.41	71,67,71	360.0	0.52	0.11	0.15	73,67,71
		720.0	0.80	0.29	0.38	70,66,70					
49	ok	0.0	0.90	0.31	0.42	67,67,67	360.0	0.54	0.11	0.15	64,67,67
		720.0	0.86	0.29	0.39	66,66,66					
51	ok	0.0	0.86	0.30	0.40	67,67,67	360.0	0.47	0.09	0.13	62,67,67
		720.0	0.78	0.28	0.38	66,66,66					
52	ok	0.0	0.82	0.29	0.39	67,67,67	360.0	0.49	0.08	0.12	81,67,67
		720.0	0.79	0.28	0.38	66,66,66					
53	ok	0.0	0.52	0.07	0.04	82,80,82	360.0	0.13	0.04	0.04	80,87,83
		720.0	0.56	0.08	0.04	83,87,83					
54	ok	0.0	0.68	0.14	0.09	82,80,82	150.0	0.02	0.13	0.20	87,77,83
		300.0	0.71	0.14	0.09	83,77,83					
58	ok	0.0	0.55	0.07	0.04	82,92,82	360.0	0.13	0.04	0.04	77,89,83
		720.0	0.54	0.07	0.04	83,89,83					

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
59	ok	0.0	0.49	0.08	0.04	78,80,78	360.0	0.12	0.04	0.04	80,87,79
		720.0	0.54	0.08	0.04	79,87,79					
61	ok	0.0	0.62	0.13	0.08	79,80,78	150.0	0.02	0.13	0.20	92,87,79
		300.0	0.67	0.15	0.09	79,87,79					
62	ok	0.0	0.52	0.08	0.04	78,92,78	360.0	0.12	0.04	0.04	83,89,79
		720.0	0.52	0.08	0.04	79,89,79					
64	ok	0.0	0.02	0.16	0.04	67,89,76	110.0	0.23	0.23	0.12	76,89,76
		220.0	0.54	0.27	0.17	76,89,76					
65	ok	0.0	0.50	0.07	0.03	86,80,86	360.0	0.21	0.04	0.05	86,80,87
		720.0	0.30	0.06	0.03	86,77,87					
66	ok	0.0	0.73	0.16	0.09	86,92,87	150.0	0.13	0.16	0.26	86,89,87
		300.0	0.59	0.17	0.11	87,89,87					
67	ok	0.0	0.59	0.08	0.04	86,92,86	360.0	0.15	0.04	0.04	86,89,87
		720.0	0.53	0.08	0.04	87,89,87					
68	ok	0.0	0.80	0.27	0.31	76,76,76	275.7	0.23	0.14	0.27	76,73,73
		551.4	0.61	0.25	0.30	73,73,73					
69	ok	0.0	0.94	0.31	0.41	76,64,76	360.0	0.44	0.13	0.21	78,64,76
		720.0	0.94	0.30	0.40	73,73,73					
70	ok	0.0	0.83	0.27	0.36	71,76,76	360.0	0.35	0.09	0.14	77,76,76
		720.0	0.78	0.26	0.35	73,73,73					
71	ok	0.0	0.87	0.28	0.39	71,76,76	360.0	0.38	0.11	0.17	71,76,76
		720.0	0.98	0.26	0.35	73,73,73					
72	ok	0.0	0.74	0.23	0.29	82,80,82	360.0	0.15	0.16	0.28	82,80,83
		720.0	0.86	0.21	0.29	83,77,83					
73	ok	0.0	0.93	0.56	0.65	77,80,82	150.0	9.52e-03	0.54	0.64	73,77,83
		300.0	0.92	0.56	0.66	82,77,83					
74	ok	0.0	0.85	0.21	0.29	77,82,80	360.0	0.15	0.16	0.27	85,83,80
		720.0	0.74	0.22	0.30	77,83,77					
75	ok	0.0	0.89	0.30	0.39	64,67,67	360.0	0.39	0.13	0.18	64,67,67
		720.0	0.97	0.26	0.35	66,66,66					
76	ok	0.0	0.87	0.28	0.37	64,67,67	360.0	0.35	0.11	0.15	82,67,67
		720.0	0.77	0.26	0.35	66,66,66					
78	ok	0.0	0.81	0.28	0.36	67,67,67	360.0	0.34	0.10	0.14	80,67,67
		720.0	0.78	0.26	0.35	66,66,66					
79	ok	0.0	0.88	0.28	0.37	67,64,67	264.0	0.18	0.16	0.26	74,66,67
		528.0	0.74	0.28	0.36	66,66,66					
80	ok	0.0	0.95	0.20	0.26	87,86,86	280.5	0.08	0.19	0.35	87,87,87
		561.0	0.84	0.21	0.29	87,87,87					
81	ok	0.0	0.01	0.20	0.03	63,86,92	110.0	0.12	0.26	0.12	76,86,92
		220.0	0.28	0.30	0.18	76,86,92					
82	ok	0.0	0.03	0.42	0.07	67,86,65	110.0	0.18	0.48	0.14	85,86,65
		220.0	0.40	0.52	0.19	73,86,65					
83	ok	0.0	0.03	0.37	0.07	76,87,87	110.0	0.20	0.43	0.14	67,87,87
		220.0	0.43	0.47	0.19	87,87,87					
87	ok	0.0	0.71	0.24	0.32	67,67,67	360.0	0.40	0.05	0.06	62,67,67
		720.0	0.67	0.23	0.31	66,66,66					
90	ok	0.0	0.44	0.06	0.04	82,82,82	360.0	0.13	0.02	0.03	91,89,83
		720.0	0.42	0.06	0.04	83,89,83					
92	ok	0.0	0.01	0.23	0.04	67,89,92	110.0	0.26	0.30	0.13	76,89,92
		220.0	0.37	0.35	0.19	76,89,92					
93	ok	0.0	0.89	0.26	0.33	86,92,86	280.5	0.06	0.25	0.44	86,89,87
		561.0	0.90	0.27	0.35	87,89,87					
97	ok	0.0	0.78	0.41	0.55	86,89,87	150.0	0.25	0.42	0.57	86,89,87
		300.0	0.96	0.43	0.58	87,89,87					
98	ok	0.0	0.66	0.23	0.32	68,71,67	360.0	0.45	0.04	0.05	82,61,66
		720.0	0.68	0.23	0.32	66,61,66					
99	ok	0.0	0.40	0.06	0.04	78,80,78	360.0	0.13	0.03	0.03	92,80,79
		720.0	0.46	0.06	0.04	79,77,79					
101	ok	0.0	0.41	0.06	0.04	82,86,82	360.0	0.13	0.02	0.03	90,86,83
		720.0	0.46	0.06	0.04	83,87,83					
104	ok	0.0	0.46	0.09	0.06	82,78,82	150.0	4.98e-03	0.08	0.13	88,79,83
		300.0	0.48	0.10	0.06	83,79,83					
105	ok	0.0	0.87	0.16	0.17	86,92,86	360.0	0.17	0.13	0.18	87,89,87
		720.0	0.69	0.16	0.18	87,89,87					
106	ok	0.0	0.90	0.34	0.45	71,71,76	264.0	0.24	0.21	0.35	73,70,73
		528.0	0.88	0.35	0.47	73,70,73					
107	ok	0.0	0.95	0.37	0.42	67,87,67	264.0	0.27	0.22	0.28	73,87,66
		528.0	0.87	0.36	0.42	66,86,66					
110	ok	0.0	0.88	0.34	0.45	71,67,71	360.0	0.62	0.13	0.20	76,67,71
		720.0	0.98	0.31	0.42	70,73,70					
113	ok	0.0	0.94	0.31	0.41	76,67,76	360.0	0.47	0.10	0.15	90,67,76
		720.0	0.75	0.30	0.40	70,73,73					
114	ok	0.0	0.87	0.33	0.43	71,76,76	360.0	0.54	0.12	0.18	73,76,76
		720.0	0.93	0.32	0.42	73,66,73					

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
115	ok	0.0	0.88	0.33	0.45	67,67,67	360.0	0.62	0.13	0.20	64,67,67
		720.0	0.97	0.31	0.42	66,66,66					
116	ok	0.0	0.43	0.09	0.06	78,80,78	150.0	9.02e-03	0.09	0.13	87,87,79
		300.0	0.49	0.11	0.06	79,87,79					
119	ok	0.0	0.97	0.31	0.42	67,67,67	360.0	0.47	0.11	0.15	81,67,67
		720.0	0.75	0.30	0.40	66,66,66					
120	ok	0.0	0.91	0.30	0.41	67,67,67	360.0	0.51	0.10	0.15	67,67,67
		720.0	0.89	0.30	0.41	74,66,66					
121	ok	0.0	0.52	0.07	0.04	82,86,82	360.0	0.13	0.04	0.04	82,87,83
		720.0	0.55	0.08	0.04	77,87,83					
122	ok	0.0	0.68	0.14	0.09	82,80,82	150.0	0.01	0.13	0.20	89,77,83
		300.0	0.70	0.14	0.09	83,77,83					
127	ok	0.0	0.54	0.07	0.04	82,82,82	360.0	0.13	0.04	0.04	77,89,83
		720.0	0.53	0.07	0.04	77,89,83					
128	ok	0.0	0.48	0.08	0.04	78,80,78	360.0	0.13	0.04	0.04	80,80,79
		720.0	0.52	0.08	0.04	79,87,79					
151	ok	0.0	0.73	0.24	0.28	71,87,76	360.0	0.34	0.11	0.09	81,89,76
		720.0	0.61	0.26	0.26	73,89,73					
168	ok	0.0	0.69	0.24	0.32	71,87,76	360.0	0.41	0.05	0.05	81,87,76
		720.0	0.67	0.24	0.32	73,89,73					
170	ok	0.0	0.61	0.13	0.08	78,86,78	150.0	0.02	0.13	0.18	92,87,79
		300.0	0.64	0.14	0.08	79,87,79					
171	ok	0.0	0.50	0.08	0.04	78,92,78	360.0	0.13	0.04	0.04	77,92,79
		720.0	0.50	0.08	0.04	79,89,79					
173	ok	0.0	0.35	0.23	0.33	86,87,87	150.0	0.28	0.24	0.35	87,87,87
		300.0	0.83	0.25	0.36	87,87,87					
174	ok	0.0	0.50	0.07	0.03	86,80,86	360.0	0.21	0.04	0.04	86,77,87
		720.0	0.30	0.06	0.03	86,77,87					
175	ok	0.0	0.77	0.18	0.09	86,92,86	150.0	0.16	0.17	0.24	86,92,87
		300.0	0.64	0.17	0.10	86,89,87					
176	ok	0.0	0.58	0.08	0.04	86,92,86	360.0	0.15	0.04	0.04	86,89,87
		720.0	0.49	0.08	0.04	87,89,87					
177	ok	0.0	0.93	0.30	0.35	76,76,76	275.7	0.24	0.17	0.33	76,73,73
		551.4	0.68	0.29	0.34	76,73,73					
179	ok	0.0	0.92	0.28	0.38	71,76,76	360.0	0.33	0.11	0.16	77,76,76
		720.0	0.74	0.28	0.37	73,73,73					
180	ok	0.0	0.85	0.32	0.42	71,76,76	360.0	0.44	0.14	0.22	71,76,76
		720.0	0.91	0.28	0.38	73,73,73					
181	ok	0.0	0.74	0.23	0.29	82,80,82	360.0	0.20	0.17	0.27	80,80,83
		720.0	0.88	0.20	0.29	82,77,83					
182	ok	0.0	0.83	0.59	0.69	80,80,80	150.0	7.33e-03	0.57	0.67	67,77,77
		300.0	0.84	0.59	0.69	77,77,77					
183	ok	0.0	0.88	0.20	0.29	77,82,80	360.0	0.20	0.16	0.27	83,83,80
		720.0	0.75	0.23	0.29	77,83,77					
184	ok	0.0	0.87	0.33	0.43	67,67,67	360.0	0.45	0.15	0.23	64,67,67
		720.0	0.91	0.28	0.38	66,66,66					
185	ok	0.0	0.97	0.30	0.39	67,67,67	360.0	0.33	0.12	0.18	88,67,67
		720.0	0.73	0.28	0.37	66,66,66					
187	ok	0.0	0.91	0.29	0.38	67,67,67	360.0	0.37	0.11	0.16	87,67,67
		720.0	0.86	0.28	0.37	66,66,66					
188	ok	0.0	0.86	0.31	0.41	67,64,67	264.0	0.20	0.19	0.32	69,64,66
		528.0	0.89	0.31	0.42	66,66,66					
192	ok	0.0	0.57	0.11	0.13	86,92,86	360.0	0.13	0.08	0.12	87,89,87
		720.0	0.44	0.11	0.14	87,89,87					
193	ok	0.0	0.89	0.23	0.28	76,83,76	264.0	0.19	0.11	0.14	62,83,73
		528.0	0.66	0.23	0.29	73,81,73					
194	ok	0.0	0.85	0.29	0.28	67,87,67	264.0	0.19	0.16	0.10	74,87,67
		528.0	0.56	0.27	0.27	66,86,66					
195	ok	0.0	0.01	0.20	0.03	63,86,92	110.0	0.10	0.26	0.12	68,86,92
		220.0	0.23	0.30	0.18	76,86,92					
197	ok	0.0	0.03	0.42	0.06	64,86,65	110.0	0.15	0.48	0.14	65,86,65
		220.0	0.33	0.52	0.19	65,86,65					
198	ok	0.0	0.32	0.08	0.04	86,78,86	280.5	0.09	0.05	0.04	86,78,87
		561.0	0.39	0.07	0.05	87,70,87					
199	ok	0.0	0.78	0.29	0.34	71,92,71	360.0	0.46	0.10	0.07	73,92,71
		720.0	0.66	0.28	0.32	70,86,70					
200	ok	0.0	0.11	0.05	0.02	92,82,92	150.0	0.06	0.04	0.03	92,70,89
		300.0	0.22	0.06	0.03	89,70,89					
201	ok	0.0	0.40	0.09	0.05	86,92,86	360.0	0.16	0.05	0.02	87,92,87
		720.0	0.33	0.08	0.05	87,71,87					
202	ok	0.0	0.19	0.08	0.04	92,76,92	150.0	0.10	0.07	0.06	89,91,89
		300.0	0.37	0.08	0.05	89,91,89					
203	ok	0.0	0.56	0.14	0.10	86,82,86	280.5	0.22	0.06	0.05	86,89,87
		561.0	0.65	0.14	0.10	87,89,87					

Trave	Stato	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb	Pos.	V N/M	V V/T cls	V V/T acc	Rif. cmb
204	ok	0.0	0.42	0.09	0.05	86,92,86	360.0	0.16	0.05	0.02	87,92,87
		720.0	0.35	0.08	0.05	87,83,87					
205	ok	0.0	0.02	0.36	0.07	76,87,87	110.0	0.20	0.42	0.14	87,87,87
		220.0	0.43	0.46	0.19	87,87,87					
207	ok	0.0	0.76	0.26	0.35	71,67,71	360.0	0.51	0.07	0.10	71,67,71
		720.0	0.78	0.23	0.31	70,73,70					
208	ok	0.0	0.20	0.07	0.04	92,76,92	150.0	0.10	0.07	0.07	91,83,89
		300.0	0.38	0.09	0.05	89,83,89					
210	ok	0.0	0.58	0.14	0.10	86,82,86	280.5	0.22	0.05	0.05	86,82,87
		561.0	0.67	0.12	0.10	87,73,87					
211	ok	0.0	0.34	0.08	0.05	86,92,86	360.0	0.14	0.04	0.01	63,92,86
		720.0	0.28	0.07	0.05	87,83,87					
213	ok	0.0	0.99	0.29	0.39	76,67,76	360.0	0.35	0.11	0.18	61,67,76
		720.0	0.82	0.28	0.36	73,89,73					
Trave			V N/M	V V/T cls	V V/T acc			V N/M	V V/T cls	V V/T acc	
			0.99	0.59	0.69						