



COMUNE DI BARBERINO DI MUGELLO

(Provincia di Firenze)

OGGETTO:

Miglioramento sismico, ristrutturazione impiantistica e variazione distributiva mediante abbattimento barriere architettoniche con installazione di ascensore del palazzo comunale di Barberino di Mugello vincolato ai sensi dell'art. 10 del D.Lgs. 42/2004

RICHIEDENTE: Comune di Barberino di Mugello (FI)

Comune di Barberino di Mugello, Fg. 96 P.IIa 226

ELABORATO

A9.A-2

PROGETTO STRUTTURALE ESECUTIVO

Fascicolo dei calcoli_Indice di Rischio 0,65
_ante-operam

STATO
ANTE OPERAM

SCALA:

Dicembre 2018

RAGGRUPPAMENTO TEMPORANEO DI PROFESSIONISTI

Mandatario: Arch. RICCARDO STOLZUOLI

Mandanti: Ing. GIANNI STOLZUOLI, Arch. DANIELA SESTINI

Timbro e Firma

Sommario

Introduzione.....	3
Sistemi di riferimento.....	3
Rotazioni e momenti.....	3
Normativa di riferimento.....	3
Unità di misura.....	4
Geometria.....	4
Elenco vincoli nodi.....	4
Elenco nodi.....	4
Elenco materiali.....	14
Elenco sezioni aste.....	14
Elenco vincoli aste.....	15
Elenco aste.....	15
Elenco tipi elementi bidimensionali.....	24
Elenco elementi bidimensionali.....	24
Elenco tipi solai.....	50
Elenco solai.....	51
Carichi.....	52
Condizioni di carico elementari.....	52
Elenco carichi nodi Condizione di carico n. 2: PP Impalcati Masse concentrate.....	52
Elenco carichi aste Condizione di carico n. 1: Pesi propri Elenco peso proprio aste.....	52
Elenco carichi aste Condizione di carico n. 2: PP Impalcati Carichi distribuiti.....	53
Elenco carichi aste Condizione di carico n. 3: Portati Non Strutturali Carichi distribuiti.....	58
Elenco carichi aste Condizione di carico n. 4: Acc. Cat. B Carichi distribuiti.....	63
Elenco carichi aste Condizione di carico n. 5: Neve Carichi distribuiti.....	67
Elenco carichi aste Condizione di carico n. 6: PP Scale Carichi distribuiti.....	68
Elenco carichi aste Condizione di carico n. 7: Permanenti Non Strutturali scale Carichi distribuiti.....	68
Elenco carichi aste Condizione di carico n. 8: Acc. Cat. C2 Carichi distribuiti.....	69
Elenco carichi aste Condizione di carico n. 9: Vento X Carichi distribuiti.....	69
Elenco carichi aste Condizione di carico n. 10: Vento Y Carichi distribuiti.....	69
Elenco carichi aste Condizione di carico n. 11: Acc. Cat. H Carichi distribuiti.....	70
Elenco carichi aste Condizione di carico n. 12: Acc. Cat. A Carichi distribuiti.....	72
Elenco peso proprio elementi bidimensionali.....	72
Risultati del calcolo.....	72
Parametri di calcolo.....	72
Figura numero 1: Spettro SLD.....	74
Figura numero 2: Spettro SLV.....	75
Spostamenti dei nodi allo stato limite ultimo.....	91
Reazioni vincolari.....	147
Tensioni sul terreno.....	150
Criteri di progetto utilizzati.....	151
Sezioni generiche.....	151
Aste in legno.....	Errore. Il segnalibro non è definito.
Murature.....	154
Verifiche muratura.....	156
Tabelle riassuntive verifiche.....	156
Verifiche maschi murari.....	164
Maschio in muratura ordinaria n. 1.....	165
Maschio in muratura ordinaria n. 2.....	174
Maschio in muratura ordinaria n. 3.....	183
Maschio in muratura ordinaria n. 4.....	192
Maschio in muratura ordinaria n. 5.....	201
Maschio in muratura ordinaria n. 6.....	210
Maschio in muratura ordinaria n. 7.....	219
Maschio in muratura ordinaria n. 8.....	221
Maschio in muratura ordinaria n. 9.....	223
Maschio in muratura ordinaria n. 10.....	225
Maschio in muratura ordinaria n. 11.....	226
Maschio in muratura ordinaria n. 12.....	228
Maschio in muratura ordinaria n. 13.....	230
Maschio in muratura ordinaria n. 14.....	231
Maschio in muratura ordinaria n. 15.....	232
Maschio in muratura ordinaria n. 16.....	232
Maschio in muratura ordinaria n. 17.....	234
Maschio in muratura ordinaria n. 18.....	235
Maschio in muratura ordinaria n. 19.....	236
Maschio in muratura ordinaria n. 20.....	237
Maschio in muratura ordinaria n. 21.....	243
Maschio in muratura ordinaria n. 22.....	245
Maschio in muratura ordinaria n. 23.....	254
Maschio in muratura ordinaria n. 24.....	263
Maschio in muratura ordinaria n. 25.....	272
Maschio in muratura ordinaria n. 26.....	281
Maschio in muratura ordinaria n. 27.....	290
Maschio in muratura ordinaria n. 28.....	299
Maschio in muratura ordinaria n. 29.....	308
Maschio in muratura ordinaria n. 30.....	312
Maschio in muratura ordinaria n. 31.....	321
Maschio in muratura ordinaria n. 32.....	330
Maschio in muratura ordinaria n. 33.....	338
Maschio in muratura ordinaria n. 34.....	346

Maschio in muratura ordinaria n. 35	348
Maschio in muratura ordinaria n. 36	349
Maschio in muratura ordinaria n. 37	351
Maschio in muratura ordinaria n. 38	352
Maschio in muratura ordinaria n. 39	354
Maschio in muratura ordinaria n. 40	356
Maschio in muratura ordinaria n. 41	358
Maschio in muratura ordinaria n. 42	367
Maschio in muratura ordinaria n. 43	369
Maschio in muratura ordinaria n. 44	371
Maschio in muratura ordinaria n. 45	373
Maschio in muratura ordinaria n. 46	375
Maschio in muratura ordinaria n. 47	377
Maschio in muratura ordinaria n. 48	378
Maschio in muratura ordinaria n. 49	380
Maschio in muratura ordinaria n. 50	382
Maschio in muratura ordinaria n. 51	384
Maschio in muratura ordinaria n. 52	385
Maschio in muratura ordinaria n. 53	387
Maschio in muratura ordinaria n. 54	389
Maschio in muratura ordinaria n. 55	390
Maschio in muratura ordinaria n. 56	392
Maschio in muratura ordinaria n. 57	393
Maschio in muratura ordinaria n. 58	402
Maschio in muratura ordinaria n. 59	411
Maschio in muratura ordinaria n. 60	420
Criteri di analisi geotecnica e progetto delle fondazioni	429
Fondazioni superficiali	429
Fondazioni profonde	430
Caratterizzazione	431
Geotecnica.....	433
Elenco colonne stratigrafiche	433
Elenco unità geotecniche	433
Report grafico complessivo	434
Figura numero 3: Colonna stratigrafica numero 1 Palazzo Comunale, Barberino del Mugello (Fi)	436
Fondazioni superficiali.....	437
Verifiche capacità portante	437
Sintesi.....	448

Introduzione

Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto.

I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza. La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.
- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.
- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.
- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.
- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.
- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio

- Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.
- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.
- Eurocodice 5 - Progettazione delle strutture di legno.
- DIN 1052 - Metodi di verifica per il legno.
- D.M. del 14/1/2008 - Norme tecniche per le costruzioni. Le verifiche degli elementi di fondazione sono eseguite utilizzando l'Approccio 2.
- Circolare n. 617 del 2/2/2009 - Istruzioni per l'applicazione delle "Nuove norme tecniche per le costruzioni" di cui al D.M. del 14/1/2008.
- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.
- Eurocodice 3 - Progettazione delle strutture in acciaio.

Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : kN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

Geometria

Elenco vincoli nodi

Simbologia
Vn = Numero del vincolo nodo
Comm. = Commento
Sx = Spostamento in dir. X (L=libero, B=bloccato, E=elastico)
Sy = Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)
Sz = Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)
Rx = Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)
Ry = Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)
Rz = Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)
RL = Rotazione libera
Ly = Lunghezza (dir. Y locale)
Lz = Larghezza (dir. Z locale)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly <m>	Lz <m>	Kt <kN/mc>
1	Libero	L	L	L	L	L	L				
3	El. sew 110001	B	B	L	L	L	B				

Elenco nodi

Simbologia
Nodo = Numero del nodo
X = Coordinata X del nodo
Y = Coordinata Y del nodo
Z = Coordinata Z del nodo
Imp. = Numero dell'impalcato
Vn = Numero del vincolo nodo

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-2184	19.45	6.45	14.40	0	1	-2183	10.92	6.45	14.40	0	1	-2182	7.35	6.45	14.40	0	1
-2181	5.13	6.45	14.40	0	1	-2180	0.00	6.45	14.40	0	1	-2179	20.12	5.69	14.16	0	1
-2178	19.45	5.69	14.16	0	1	-2177	10.92	5.69	14.16	0	1	-2176	7.35	7.26	14.14	0	1
-2175	5.13	7.26	14.14	0	1	-2174	5.13	5.58	14.13	0	1	-2173	3.87	5.58	14.13	0	1
-2172	1.05	5.58	14.13	0	1	-2171	0.00	5.58	14.13	0	1	-2170	19.45	7.34	14.12	0	1
-2169	17.94	7.34	14.12	0	1	-2168	17.82	7.34	14.12	0	1	-2167	16.72	7.34	14.12	0	1
-2166	14.18	7.34	14.12	0	1	-2165	11.82	7.34	14.12	0	1	-2164	10.92	7.34	14.12	0	1
-2163	20.94	8.15	13.86	0	1	-2162	20.53	8.15	13.86	0	1	-2161	19.45	8.15	13.86	0	1
-2160	14.18	8.26	13.81	0	1	-2159	19.45	8.33	13.80	0	1	-2158	19.45	9.23	13.51	0	1
-2157	14.18	9.23	13.51	0	1	-2156	25.15	12.86	12.35	3	1	-2155	22.06	12.86	12.35	3	1
-2154	20.77	12.86	12.35	3	1	-2153	20.27	12.86	12.35	3	1	-2152	19.45	12.86	12.35	3	1
-2151	16.97	12.86	12.35	3	1	-2150	15.72	12.86	12.35	3	1	-2149	14.18	12.86	12.35	3	1
-2148	13.52	12.86	12.35	3	1	-2147	13.15	12.86	12.35	3	1	-2146	11.87	12.86	12.35	3	1
-2145	11.66	12.86	12.35	3	1	-2144	10.92	12.86	12.35	3	1	-2143	9.49	12.86	12.35	3	1
-2142	8.12	12.86	12.35	3	1	-2141	7.35	12.86	12.35	3	1	-2140	7.09	12.86	12.35	3	1
-2139	6.89	12.86	12.35	3	1	-2138	6.03	12.86	12.35	3	1	-2137	5.79	12.86	12.35	3	1

-2136	5.13	12.86	12.35	3	1	-2135	4.42	12.86	12.35	3	1	-2134	3.18	12.86	12.35	3	1
-2133	0.00	12.86	12.35	3	1	-2132	10.92	11.68	12.35	3	1	-2131	19.45	11.41	12.35	3	1
-2130	7.35	11.27	12.35	3	1	-2129	0.00	11.22	12.35	3	1	-2128	19.45	10.81	12.35	3	1
-2127	9.01	10.77	12.35	3	1	-2126	7.35	10.66	12.35	3	1	-2125	10.92	10.65	12.35	3	1
-2124	7.35	10.21	12.35	3	1	-2123	5.13	10.21	12.35	3	1	-2122	19.45	9.95	12.35	3	1
-2121	25.15	9.76	12.35	3	1	-2120	0.00	9.58	12.35	3	1	-2119	9.01	9.34	12.35	3	1
-2118	19.45	9.30	12.35	3	1	-2117	14.18	9.30	12.35	3	1	-2116	7.35	9.23	12.35	3	1
-2115	19.45	9.23	12.35	3	1	-2114	19.45	8.62	12.35	3	1	-2113	25.15	8.47	12.35	3	1
-2112	19.45	8.33	12.35	3	1	-2111	14.18	8.33	12.35	3	1	-2110	25.15	8.15	12.35	3	1
-2109	23.54	8.15	12.35	3	1	-2108	20.53	8.15	12.35	3	1	-2107	19.99	8.15	12.35	3	1
-2106	19.45	8.15	12.35	3	1	-2105	14.18	8.15	12.35	3	1	-2104	7.35	8.15	12.35	3	1
-2103	0.00	7.94	12.35	3	1	-2102	19.45	7.34	12.35	3	1	-2101	17.94	7.34	12.35	3	1
-2100	17.82	7.34	12.35	3	1	-2099	16.72	7.34	12.35	3	1	-2098	14.18	7.34	12.35	3	1
-2097	11.82	7.34	12.35	3	1	-2096	10.92	7.34	12.35	3	1	-2095	9.01	7.26	12.35	3	1
-2094	7.35	7.26	12.35	3	1	-2093	5.13	7.26	12.35	3	1	-2092	25.15	7.14	12.35	3	1
-2091	19.45	6.85	12.35	3	1	-2090	0.00	6.70	12.35	3	1	-2089	25.15	6.45	12.35	3	1
-2088	19.45	6.45	12.35	3	1	-2087	10.92	6.45	12.35	3	1	-2086	5.13	6.45	12.35	3	1
-2085	0.00	6.45	12.35	3	1	-2084	5.13	6.24	12.35	3	1	-2083	25.15	5.69	12.35	3	1
-2082	23.54	5.69	12.35	3	1	-2081	20.47	5.69	12.35	3	1	-2080	19.45	5.69	12.35	3	1
-2079	10.92	5.69	12.35	3	1	-2078	9.97	5.69	12.35	3	1	-2077	9.01	5.69	12.35	3	1
-2076	8.41	5.69	12.35	3	1	-2075	7.44	5.69	12.35	3	1	-2074	6.73	5.69	12.35	3	1
-2073	5.13	5.58	12.35	3	1	-2072	3.87	5.58	12.35	3	1	-2071	1.05	5.58	12.35	3	1
-2070	0.00	5.58	12.35	3	1	-2069	19.45	5.24	12.35	3	1	-2068	5.13	4.58	12.35	3	1
-2067	25.15	4.29	12.35	3	1	-2066	10.92	4.15	12.35	3	1	-2065	0.00	3.72	12.35	3	1
-2064	25.15	3.17	12.35	3	1	-2063	10.92	2.15	12.35	3	1	-2062	19.45	2.10	12.35	3	1
-2061	5.13	2.08	12.35	3	1	-2060	0.00	1.86	12.35	3	1	-2059	5.13	1.21	12.35	3	1
-2058	19.45	1.05	12.35	3	1	-2057	10.92	1.05	12.35	3	1	-2056	5.13	1.00	12.35	3	1
-2055	25.15	0.00	12.35	3	1	-2054	22.01	0.00	12.35	3	1	-2053	20.71	0.00	12.35	3	1
-2052	19.45	0.00	12.35	3	1	-2051	17.63	0.00	12.35	3	1	-2050	16.35	0.00	12.35	3	1
-2049	15.72	0.00	12.35	3	1	-2048	14.18	0.00	12.35	3	1	-2047	13.50	0.00	12.35	3	1
-2046	13.23	0.00	12.35	3	1	-2045	11.90	0.00	12.35	3	1	-2044	11.63	0.00	12.35	3	1
-2043	10.92	0.00	12.35	3	1	-2042	9.45	0.00	12.35	3	1	-2041	8.86	0.00	12.35	3	1
-2040	7.59	0.00	12.35	3	1	-2039	5.13	0.00	12.35	3	1	-2038	4.52	0.00	12.35	3	1
-2037	3.24	0.00	12.35	3	1	-2036	0.00	0.00	12.35	3	1	-2035	25.15	12.86	12.20	0	1
-2034	22.06	12.86	12.20	0	1	-2033	20.77	12.86	12.20	0	1	-2032	20.27	12.86	12.20	0	1
-2031	19.45	12.86	12.20	0	1	-2030	16.97	12.86	12.20	0	1	-2029	15.72	12.86	12.20	0	1
-2028	14.18	12.86	12.20	0	1	-2027	13.52	12.86	12.20	0	1	-2026	13.15	12.86	12.20	0	1
-2025	11.87	12.86	12.20	0	1	-2024	11.66	12.86	12.20	0	1	-2023	10.92	12.86	12.20	0	1
-2022	9.49	12.86	12.20	0	1	-2021	8.12	12.86	12.20	0	1	-2020	7.35	12.86	12.20	0	1
-2019	7.09	12.86	12.20	0	1	-2018	6.89	12.86	12.20	0	1	-2017	6.03	12.86	12.20	0	1
-2016	5.79	12.86	12.20	0	1	-2015	5.13	12.86	12.20	0	1	-2014	4.42	12.86	12.20	0	1
-2013	3.18	12.86	12.20	0	1	-2012	0.00	12.86	12.20	0	1	-2011	10.92	11.68	12.20	0	1
-2010	19.45	11.41	12.20	0	1	-2009	7.35	11.27	12.20	0	1	-2008	0.00	11.22	12.20	0	1
-2007	19.45	10.81	12.20	0	1	-2006	9.01	10.77	12.20	0	1	-2005	7.35	10.66	12.20	0	1
-2004	10.92	10.65	12.20	0	1	-2003	7.35	10.21	12.20	0	1	-2002	5.13	10.21	12.20	0	1
-2001	19.45	9.95	12.20	0	1	-2000	25.15	9.76	12.20	0	1	-1999	0.00	9.58	12.20	0	1
-1998	9.01	9.34	12.20	0	1	-1997	19.45	9.30	12.20	0	1	-1996	14.18	9.30	12.20	0	1
-1995	7.35	9.23	12.20	0	1	-1994	19.45	9.23	12.20	0	1	-1993	19.45	8.62	12.20	0	1
-1992	25.15	8.47	12.20	0	1	-1991	19.45	8.33	12.20	0	1	-1990	14.18	8.33	12.20	0	1
-1989	25.15	8.15	12.20	0	1	-1988	23.54	8.15	12.20	0	1	-1987	20.53	8.15	12.20	0	1
-1986	19.99	8.15	12.20	0	1	-1985	19.45	8.15	12.20	0	1	-1984	14.18	8.15	12.20	0	1
-1983	7.35	8.15	12.20	0	1	-1982	0.00	7.94	12.20	0	1	-1981	19.45	7.34	12.20	0	1
-1980	17.94	7.34	12.20	0	1	-1979	17.82	7.34	12.20	0	1	-1978	16.72	7.34	12.20	0	1
-1977	14.18	7.34	12.20	0	1	-1976	11.82	7.34	12.20	0	1	-1975	10.92	7.34	12.20	0	1
-1974	9.01	7.26	12.20	0	1	-1973	7.35	7.26	12.20	0	1	-1972	5.13	7.26	12.20	0	1
-1971	25.15	7.14	12.20	0	1	-1970	19.45	6.85	12.20	0	1	-1969	0.00	6.70	12.20	0	1
-1968	25.15	6.45	12.20	0	1	-1967	19.45	6.45	12.20	0	1	-1966	10.92	6.45	12.20	0	1
-1965	5.13	6.45	12.20	0	1	-1964	0.00	6.45	12.20	0	1	-1963	5.13	6.24	12.20	0	1
-1962	25.15	5.69	12.20	0	1	-1961	23.54	5.69	12.20	0	1	-1960	20.47	5.69	12.20	0	1
-1959	19.45	5.69	12.20	0	1	-1958	10.92	5.69	12.20	0	1	-1957	9.97	5.69	12.20	0	1
-1956	9.01	5.69	12.20	0	1	-1955	8.41	5.69	12.20	0	1	-1954	7.44	5.69	12.20	0	1
-1953	6.73	5.69	12.20	0	1	-1952	5.13	5.58	12.20	0	1	-1951	3.87	5.58	12.20	0	1
-1950	1.05	5.58	12.20	0	1	-1949	0.00	5.58	12.20	0	1	-1948	19.45	5.24	12.20	0	1
-1947	5.13	4.58	12.20	0	1	-1946	25.15	4.29	12.20	0	1	-1945	10.92	4.15	12.20	0	1
-1944	0.00	3.72	12.20	0	1	-1943	25.15	3.17	12.20	0	1	-1942	10.92	2.15	12.20	0	1
-1941	19.45	2.10	12.20	0	1	-1940	5.13	2.08	12.20	0	1	-1939	0.00	1.86	12.20	0	1
-1938	5.13	1.21	12.20	0	1	-1937	19.45	1.05	12.20	0	1	-1936	10.92	1.05	12.20	0	1
-1935	5.13	1.00	12.20	0	1	-1934	25.15	0.00	12.20	0	1	-1933	22.01	0.00	12.20	0	1
-1932	20.71	0.00	12.20	0	1	-1931	19.45	0.00	12.20	0	1	-1930	17.63	0.00	12.20	0	1
-1929	16.35	0.00	12.20	0	1	-1928	15.72	0.00	12.20	0	1	-1927	14.18	0.00	12.20	0	1
-1926	13.50	0.00	12.20	0	1	-1925	13.23	0.00	12.20	0	1	-1924	11.90	0.00	12.20	0	1
-1923	11.63	0.00	12.20	0	1	-1922	10.92	0.00	12.20	0	1	-1921	9.45	0.00	12.20	0	1
-1920	8.86	0.00	12.20	0	1	-1919	7.59	0.00	12.20	0	1	-1918	5.13	0.00	12.20	0	1
-1917	4.52	0.00	12.20	0	1	-1916	3.24	0.00	12.20	0	1	-1915	0.00	0.00	12.20	0	1
-1914	25.15	12.86	11.74	0	1	-1913	22.06	12.86	11.74	0	1	-1912	20.77	12.86	11.74	0	1
-1911	20.27	12.86	11.74	0	1	-1910	19.45	12.86	11.74	0	1	-1909	16.97	12.86	11.74	0	1
-1908	15.72	12.86	11.74	0	1	-1907	14.18	12.86	11.74	0	1	-1906	13.52	12.86	11.74	0	1
-1905	13.15	12.86	11.74	0	1	-1904	11.87	12.86	11.74	0	1	-1903	11.66	12.86	11.74	0	1
-1902	10.92	12.86	11.74	0	1	-1901	9.49	12.86	11.74	0	1	-1900	8.12	12.86	11.74	0	1

-1899	7.35	12.86	11.74	0	1	-1898	7.09	12.86	11.74	0	1	-1897	6.89	12.86	11.74	0	1
-1896	6.03	12.86	11.74	0	1	-1895	5.79	12.86	11.74	0	1	-1894	5.13	12.86	11.74	0	1
-1893	4.42	12.86	11.74	0	1	-1892	3.18	12.86	11.74	0	1	-1891	0.00	12.86	11.74	0	1
-1890	10.92	11.68	11.74	0	1	-1889	19.45	11.41	11.74	0	1	-1888	7.35	11.27	11.74	0	1
-1887	0.00	11.22	11.74	0	1	-1886	19.45	10.81	11.74	0	1	-1885	9.01	10.77	11.74	0	1
-1884	7.35	10.66	11.74	0	1	-1883	10.92	10.65	11.74	0	1	-1882	7.35	10.21	11.74	0	1
-1881	5.13	10.21	11.74	0	1	-1880	19.45	9.95	11.74	0	1	-1879	25.15	9.76	11.74	0	1
-1878	0.00	9.58	11.74	0	1	-1877	9.01	9.34	11.74	0	1	-1876	19.45	9.30	11.74	0	1
-1875	14.18	9.30	11.74	0	1	-1874	7.35	9.23	11.74	0	1	-1873	19.45	9.23	11.74	0	1
-1872	19.45	8.62	11.74	0	1	-1871	25.15	8.47	11.74	0	1	-1870	19.45	8.33	11.74	0	1
-1869	14.18	8.33	11.74	0	1	-1868	25.15	8.15	11.74	0	1	-1867	23.54	8.15	11.74	0	1
-1866	20.53	8.15	11.74	0	1	-1865	19.99	8.15	11.74	0	1	-1864	19.45	8.15	11.74	0	1
-1863	14.18	8.15	11.74	0	1	-1862	7.35	8.15	11.74	0	1	-1861	0.00	7.94	11.74	0	1
-1860	19.45	7.34	11.74	0	1	-1859	17.94	7.34	11.74	0	1	-1858	17.82	7.34	11.74	0	1
-1857	16.72	7.34	11.74	0	1	-1856	14.18	7.34	11.74	0	1	-1855	11.82	7.34	11.74	0	1
-1854	10.92	7.34	11.74	0	1	-1853	9.01	7.26	11.74	0	1	-1852	7.35	7.26	11.74	0	1
-1851	5.13	7.26	11.74	0	1	-1850	25.15	7.14	11.74	0	1	-1849	19.45	6.85	11.74	0	1
-1848	0.00	6.70	11.74	0	1	-1847	25.15	6.45	11.74	0	1	-1846	19.45	6.45	11.74	0	1
-1845	10.92	6.45	11.74	0	1	-1844	5.13	6.45	11.74	0	1	-1843	0.00	6.45	11.74	0	1
-1842	5.13	6.24	11.74	0	1	-1841	25.15	5.69	11.74	0	1	-1840	23.54	5.69	11.74	0	1
-1839	20.47	5.69	11.74	0	1	-1838	19.45	5.69	11.74	0	1	-1837	10.92	5.69	11.74	0	1
-1836	9.97	5.69	11.74	0	1	-1835	9.01	5.69	11.74	0	1	-1834	8.41	5.69	11.74	0	1
-1833	7.44	5.69	11.74	0	1	-1832	6.73	5.69	11.74	0	1	-1831	5.13	5.58	11.74	0	1
-1830	3.87	5.58	11.74	0	1	-1829	1.05	5.58	11.74	0	1	-1828	0.00	5.58	11.74	0	1
-1827	19.45	5.24	11.74	0	1	-1826	5.13	4.58	11.74	0	1	-1825	25.15	4.29	11.74	0	1
-1824	10.92	4.15	11.74	0	1	-1823	0.00	3.72	11.74	0	1	-1822	25.15	3.17	11.74	0	1
-1821	10.92	2.15	11.74	0	1	-1820	19.45	2.10	11.74	0	1	-1819	5.13	2.08	11.74	0	1
-1818	0.00	1.86	11.74	0	1	-1817	5.13	1.21	11.74	0	1	-1816	19.45	1.05	11.74	0	1
-1815	10.92	1.05	11.74	0	1	-1814	5.13	1.00	11.74	0	1	-1813	25.15	0.00	11.74	0	1
-1812	22.01	0.00	11.74	0	1	-1811	20.71	0.00	11.74	0	1	-1810	19.45	0.00	11.74	0	1
-1809	17.63	0.00	11.74	0	1	-1808	16.35	0.00	11.74	0	1	-1807	15.72	0.00	11.74	0	1
-1806	14.18	0.00	11.74	0	1	-1805	13.50	0.00	11.74	0	1	-1804	13.23	0.00	11.74	0	1
-1803	11.90	0.00	11.74	0	1	-1802	11.63	0.00	11.74	0	1	-1801	10.92	0.00	11.74	0	1
-1800	9.45	0.00	11.74	0	1	-1799	8.86	0.00	11.74	0	1	-1798	7.59	0.00	11.74	0	1
-1797	5.13	0.00	11.74	0	1	-1796	4.52	0.00	11.74	0	1	-1795	3.24	0.00	11.74	0	1
-1794	0.00	0.00	11.74	0	1	-1793	25.15	12.86	11.50	0	1	-1792	22.06	12.86	11.50	0	1
-1791	20.77	12.86	11.50	0	1	-1790	20.27	12.86	11.50	0	1	-1789	19.45	12.86	11.50	0	1
-1788	16.97	12.86	11.50	0	1	-1787	15.72	12.86	11.50	0	1	-1786	14.18	12.86	11.50	0	1
-1785	13.52	12.86	11.50	0	1	-1784	13.15	12.86	11.50	0	1	-1783	11.87	12.86	11.50	0	1
-1782	11.66	12.86	11.50	0	1	-1781	10.92	12.86	11.50	0	1	-1780	9.49	12.86	11.50	0	1
-1779	8.12	12.86	11.50	0	1	-1778	7.35	12.86	11.50	0	1	-1777	7.09	12.86	11.50	0	1
-1776	6.89	12.86	11.50	0	1	-1775	6.03	12.86	11.50	0	1	-1774	5.79	12.86	11.50	0	1
-1773	5.13	12.86	11.50	0	1	-1772	4.42	12.86	11.50	0	1	-1771	3.18	12.86	11.50	0	1
-1770	0.00	12.86	11.50	0	1	-1769	10.92	11.68	11.50	0	1	-1768	19.45	11.41	11.50	0	1
-1767	7.35	11.27	11.50	0	1	-1766	0.00	11.22	11.50	0	1	-1765	19.45	10.81	11.50	0	1
-1764	7.35	10.66	11.50	0	1	-1763	10.92	10.65	11.50	0	1	-1762	7.35	10.21	11.50	0	1
-1761	5.13	10.21	11.50	0	1	-1760	19.45	9.95	11.50	0	1	-1759	25.15	9.76	11.50	0	1
-1758	0.00	9.58	11.50	0	1	-1757	19.45	9.30	11.50	0	1	-1756	14.18	9.30	11.50	0	1
-1755	7.35	9.23	11.50	0	1	-1754	19.45	9.23	11.50	0	1	-1753	19.45	8.62	11.50	0	1
-1752	25.15	8.47	11.50	0	1	-1751	19.45	8.33	11.50	0	1	-1750	14.18	8.33	11.50	0	1
-1749	25.15	8.15	11.50	0	1	-1748	23.54	8.15	11.50	0	1	-1747	20.53	8.15	11.50	0	1
-1746	19.99	8.15	11.50	0	1	-1745	19.45	8.15	11.50	0	1	-1744	14.18	8.15	11.50	0	1
-1743	7.35	8.15	11.50	0	1	-1742	0.00	7.94	11.50	0	1	-1741	19.45	7.34	11.50	0	1
-1740	17.94	7.34	11.50	0	1	-1739	17.82	7.34	11.50	0	1	-1738	16.72	7.34	11.50	0	1
-1737	14.18	7.34	11.50	0	1	-1736	11.82	7.34	11.50	0	1	-1735	10.92	7.34	11.50	0	1
-1734	7.35	7.26	11.50	0	1	-1733	5.13	7.26	11.50	0	1	-1732	25.15	7.14	11.50	0	1
-1731	19.45	6.85	11.50	0	1	-1730	0.00	6.70	11.50	0	1	-1729	25.15	6.45	11.50	0	1
-1728	19.45	6.45	11.50	0	1	-1727	5.13	6.45	11.50	0	1	-1726	0.00	6.45	11.50	0	1
-1725	5.13	6.24	11.50	0	1	-1724	25.15	5.69	11.50	0	1	-1723	23.54	5.69	11.50	0	1
-1722	20.47	5.69	11.50	0	1	-1721	19.45	5.69	11.50	0	1	-1720	10.92	5.69	11.50	0	1
-1719	9.97	5.69	11.50	0	1	-1718	9.01	5.69	11.50	0	1	-1717	8.41	5.69	11.50	0	1
-1716	7.44	5.69	11.50	0	1	-1715	6.73	5.69	11.50	0	1	-1714	5.13	5.58	11.50	0	1
-1713	3.87	5.58	11.50	0	1	-1712	1.05	5.58	11.50	0	1	-1711	0.00	5.58	11.50	0	1
-1710	19.45	5.24	11.50	0	1	-1709	5.13	4.58	11.50	0	1	-1708	25.15	4.29	11.50	0	1
-1707	10.92	4.15	11.50	0	1	-1706	0.00	3.72	11.50	0	1	-1705	25.15	3.17	11.50	0	1
-1704	10.92	2.15	11.50	0	1	-1703	19.45	2.10	11.50	0	1	-1702	5.13	2.08	11.50	0	1
-1701	0.00	1.86	11.50	0	1	-1700	5.13	1.21	11.50	0	1	-1699	19.45	1.05	11.50	0	1
-1698	10.92	1.05	11.50	0	1	-1697	5.13	1.00	11.50	0	1	-1696	25.15	0.00	11.50	0	1
-1695	22.01	0.00	11.50	0	1	-1694	20.71	0.00	11.50	0	1	-1693	19.45	0.00	11.50	0	1
-1692	17.63	0.00	11.50	0	1	-1691	16.35	0.00	11.50	0	1	-1690	15.72	0.00	11.50	0	1
-1689	14.18	0.00	11.50	0	1	-1688	13.50	0.00	11.50	0	1	-1687	13.23	0.00	11.50	0	1
-1686	11.90	0.00	11.50	0	1	-1685	11.63	0.00	11.50	0	1	-1684	10.92	0.00	11.50	0	1
-1683	9.45	0.00	11.50	0	1	-1682	8.86	0.00	11.50	0	1	-1681	7.59	0.00	11.50	0	1
-1680	5.13	0.00	11.50	0	1	-1679	4.52	0.00	11.50	0	1	-1678	3.24	0.00	11.50	0	1
-1677	0.00	0.00	11.50	0	1	-1676	25.15	12.86	10.48	0	1	-1675	22.06	12.86	10.48	0	1
-1674	20.77	12.86	10.48	0	1	-1673	20.27	12.86	10.48	0	1	-1672	19.45	12.86	10.48	0	1
-1671	16.97	12.86	10.48	0	1	-1670	15.72	12.86	10.48	0	1	-1669	14.18	12.86	10.48	0	1
-1668	13.52	12.86	10.48	0	1	-1667	13.15	12.86	10.48	0	1	-1666	11.87	12.86	10.48	0	1
-1665	11.66	12.86	10.48	0	1	-1664	10.92	12.86	10.48	0	1	-1663	9.49	12.86	10.48	0	1

-1662	8.12	12.86	10.48	0	1	-1661	7.35	12.86	10.48	0	1	-1660	7.09	12.86	10.48	0	1
-1659	6.89	12.86	10.48	0	1	-1658	6.03	12.86	10.48	0	1	-1657	5.79	12.86	10.48	0	1
-1656	5.13	12.86	10.48	0	1	-1655	4.42	12.86	10.48	0	1	-1654	3.18	12.86	10.48	0	1
-1653	0.00	12.86	10.48	0	1	-1652	10.92	11.68	10.48	0	1	-1651	19.45	11.41	10.48	0	1
-1650	7.35	11.27	10.48	0	1	-1649	0.00	11.22	10.48	0	1	-1648	19.45	10.81	10.48	0	1
-1647	7.35	10.66	10.48	0	1	-1646	10.92	10.65	10.48	0	1	-1645	7.35	10.21	10.48	0	1
-1644	5.13	10.21	10.48	0	1	-1643	19.45	9.95	10.48	0	1	-1642	25.15	9.76	10.48	0	1
-1641	0.00	9.58	10.48	0	1	-1640	19.45	9.30	10.48	0	1	-1639	14.18	9.30	10.48	0	1
-1638	7.35	9.23	10.48	0	1	-1637	25.15	8.47	10.48	0	1	-1636	19.45	8.33	10.48	0	1
-1635	14.18	8.33	10.48	0	1	-1634	25.15	8.15	10.48	0	1	-1633	23.54	8.15	10.48	0	1
-1632	20.53	8.15	10.48	0	1	-1631	19.45	8.15	10.48	0	1	-1630	14.18	8.15	10.48	0	1
-1629	7.35	8.15	10.48	0	1	-1628	0.00	7.94	10.48	0	1	-1627	19.45	7.34	10.48	0	1
-1626	17.94	7.34	10.48	0	1	-1625	17.82	7.34	10.48	0	1	-1624	16.72	7.34	10.48	0	1
-1623	14.18	7.34	10.48	0	1	-1622	11.82	7.34	10.48	0	1	-1621	10.92	7.34	10.48	0	1
-1620	7.35	7.26	10.48	0	1	-1619	5.13	7.26	10.48	0	1	-1618	25.15	7.14	10.48	0	1
-1617	19.45	6.85	10.48	0	1	-1616	19.45	6.45	10.48	0	1	-1615	5.13	6.24	10.48	0	1
-1614	25.15	5.69	10.48	0	1	-1613	23.54	5.69	10.48	0	1	-1612	20.47	5.69	10.48	0	1
-1611	19.45	5.69	10.48	0	1	-1610	7.44	5.69	10.48	0	1	-1609	6.73	5.69	10.48	0	1
-1608	5.13	5.58	10.48	0	1	-1607	19.45	5.24	10.48	0	1	-1606	5.13	4.58	10.48	0	1
-1605	25.15	4.29	10.48	0	1	-1604	25.15	3.17	10.48	0	1	-1603	19.45	2.10	10.48	0	1
-1602	5.13	1.21	10.48	0	1	-1601	19.45	1.05	10.48	0	1	-1600	5.13	1.00	10.48	0	1
-1599	25.15	0.00	10.48	0	1	-1598	22.01	0.00	10.48	0	1	-1597	20.71	0.00	10.48	0	1
-1596	19.45	0.00	10.48	0	1	-1595	17.63	0.00	10.48	0	1	-1594	7.59	0.00	10.48	0	1
-1593	5.13	0.00	10.48	0	1	-1592	4.52	0.00	10.48	0	1	-1591	20.77	12.86	10.08	0	1
-1590	20.27	12.86	10.08	0	1	-1589	19.45	12.86	10.08	0	1	-1588	16.97	12.86	10.08	0	1
-1587	15.72	12.86	10.08	0	1	-1586	14.18	12.86	10.08	0	1	-1585	13.52	12.86	10.08	0	1
-1584	13.15	12.86	10.08	0	1	-1583	11.87	12.86	10.08	0	1	-1582	11.66	12.86	10.08	0	1
-1581	10.92	12.86	10.08	0	1	-1580	9.49	12.86	10.08	0	1	-1579	8.12	12.86	10.08	0	1
-1578	7.35	12.86	10.08	0	1	-1577	7.09	12.86	10.08	0	1	-1576	6.89	12.86	10.08	0	1
-1575	6.03	12.86	10.08	0	1	-1574	5.79	12.86	10.08	0	1	-1573	5.13	12.86	10.08	0	1
-1572	4.42	12.86	10.08	0	1	-1571	10.92	11.68	10.08	0	1	-1570	19.45	11.41	10.08	0	1
-1569	7.35	11.27	10.08	0	1	-1568	19.45	10.81	10.08	0	1	-1567	7.35	10.66	10.08	0	1
-1566	10.92	10.65	10.08	0	1	-1565	7.35	10.21	10.08	0	1	-1564	5.13	10.21	10.08	0	1
-1563	19.45	9.95	10.08	0	1	-1562	19.45	9.30	10.08	0	1	-1561	14.18	9.30	10.08	0	1
-1560	7.35	9.23	10.08	0	1	-1559	19.45	8.33	10.08	0	1	-1558	14.18	8.33	10.08	0	1
-1557	19.45	8.15	10.08	0	1	-1556	14.18	8.15	10.08	0	1	-1555	7.35	8.15	10.08	0	1
-1554	19.45	7.34	10.08	0	1	-1553	17.94	7.34	10.08	0	1	-1552	17.82	7.34	10.08	0	1
-1551	16.72	7.34	10.08	0	1	-1550	14.18	7.34	10.08	0	1	-1549	11.82	7.34	10.08	0	1
-1548	10.92	7.34	10.08	0	1	-1547	7.35	7.26	10.08	0	1	-1546	5.13	7.26	10.08	0	1
-1545	19.45	6.85	10.08	0	1	-1544	19.45	6.45	10.08	0	1	-1543	5.13	6.24	10.08	0	1
-1542	19.45	5.69	10.08	0	1	-1541	7.44	5.69	10.08	0	1	-1540	6.73	5.69	10.08	0	1
-1539	5.13	5.58	10.08	0	1	-1538	19.45	5.24	10.08	0	1	-1537	5.13	4.58	10.08	0	1
-1536	19.45	2.10	10.08	0	1	-1535	5.13	1.21	10.08	0	1	-1534	19.45	1.05	10.08	0	1
-1533	5.13	1.00	10.08	0	1	-1532	20.71	0.00	10.08	0	1	-1531	19.45	0.00	10.08	0	1
-1530	17.63	0.00	10.08	0	1	-1529	7.59	0.00	10.08	0	1	-1528	5.13	0.00	10.08	0	1
-1527	4.52	0.00	10.08	0	1	-1526	25.15	12.86	9.50	0	1	-1525	22.06	12.86	9.50	0	1
-1524	20.77	12.86	9.50	0	1	-1523	20.27	12.86	9.50	0	1	-1522	19.45	12.86	9.50	0	1
-1521	16.97	12.86	9.50	0	1	-1520	15.72	12.86	9.50	0	1	-1519	14.18	12.86	9.50	0	1
-1518	13.52	12.86	9.50	0	1	-1517	13.15	12.86	9.50	0	1	-1516	11.87	12.86	9.50	0	1
-1515	11.66	12.86	9.50	0	1	-1514	10.92	12.86	9.50	0	1	-1513	9.49	12.86	9.50	0	1
-1512	8.12	12.86	9.50	0	1	-1511	7.35	12.86	9.50	0	1	-1510	7.09	12.86	9.50	0	1
-1509	6.89	12.86	9.50	0	1	-1508	6.03	12.86	9.50	0	1	-1507	5.79	12.86	9.50	0	1
-1506	5.13	12.86	9.50	0	1	-1505	4.42	12.86	9.50	0	1	-1504	3.18	12.86	9.50	0	1
-1503	0.00	12.86	9.50	0	1	-1502	10.92	11.68	9.50	0	1	-1501	19.45	11.41	9.50	0	1
-1500	7.35	11.27	9.50	0	1	-1499	0.00	11.22	9.50	0	1	-1498	19.45	10.81	9.50	0	1
-1497	7.35	10.66	9.50	0	1	-1496	10.92	10.65	9.50	0	1	-1495	7.35	10.21	9.50	0	1
-1494	5.13	10.21	9.50	0	1	-1493	19.45	9.95	9.50	0	1	-1492	25.15	9.76	9.50	0	1
-1491	0.00	9.58	9.50	0	1	-1490	19.45	9.30	9.50	0	1	-1489	14.18	9.30	9.50	0	1
-1488	7.35	9.23	9.50	0	1	-1487	25.15	8.47	9.50	0	1	-1486	19.45	8.33	9.50	0	1
-1485	14.18	8.33	9.50	0	1	-1484	25.15	8.15	9.50	0	1	-1483	23.54	8.15	9.50	0	1
-1482	20.53	8.15	9.50	0	1	-1481	19.45	8.15	9.50	0	1	-1480	14.18	8.15	9.50	0	1
-1479	7.35	8.15	9.50	0	1	-1478	0.00	7.94	9.50	0	1	-1477	19.45	7.34	9.50	0	1
-1476	17.94	7.34	9.50	0	1	-1475	17.82	7.34	9.50	0	1	-1474	16.72	7.34	9.50	0	1
-1473	14.18	7.34	9.50	0	1	-1472	11.82	7.34	9.50	0	1	-1471	10.92	7.34	9.50	0	1
-1470	7.35	7.26	9.50	0	1	-1469	5.13	7.26	9.50	0	1	-1468	25.15	7.14	9.50	0	1
-1467	19.45	6.85	9.50	0	1	-1466	0.00	6.70	9.50	0	1	-1465	19.45	6.45	9.50	0	1
-1464	0.00	6.45	9.50	0	1	-1463	5.13	6.24	9.50	0	1	-1462	25.15	5.69	9.50	0	1
-1461	23.54	5.69	9.50	0	1	-1460	20.47	5.69	9.50	0	1	-1459	19.45	5.69	9.50	0	1
-1458	10.92	5.69	9.50	0	1	-1457	9.97	5.69	9.50	0	1	-1456	9.01	5.69	9.50	0	1
-1455	8.41	5.69	9.50	0	1	-1454	7.44	5.69	9.50	0	1	-1453	6.73	5.69	9.50	0	1
-1452	5.13	5.58	9.50	0	1	-1451	3.87	5.58	9.50	0	1	-1450	1.05	5.58	9.50	0	1
-1449	0.00	5.58	9.50	0	1	-1448	19.45	5.24	9.50	0	1	-1447	5.13	4.58	9.50	0	1
-1446	25.15	4.29	9.50	0	1	-1445	10.92	4.15	9.50	0	1	-1444	0.00	3.72	9.50	0	1
-1443	25.15	3.17	9.50	0	1	-1442	10.92	2.15	9.50	0	1	-1441	19.45	2.10	9.50	0	1
-1440	0.00	1.86	9.50	0	1	-1439	5.13	1.21	9.50	0	1	-1438	19.45	1.05	9.50	0	1
-1437	10.92	1.05	9.50	0	1	-1436	5.13	1.00	9.50	0	1	-1435	25.15	0.00	9.50	0	1
-1434	22.01	0.00	9.50	0	1	-1433	20.71	0.00	9.50	0	1	-1432	19.45	0.00	9.50	0	1
-1431	17.63	0.00	9.50	0	1	-1430	16.35	0.00	9.50	0	1	-1429	15.72	0.00	9.50	0	1
-1428	14.18	0.00	9.50	0	1	-1427	13.50	0.00	9.50	0	1	-1426	13.23	0.00	9.50	0	1

-1425	11.90	0.00	9.50	0	1	-1424	11.63	0.00	9.50	0	1	-1423	10.92	0.00	9.50	0	1
-1422	9.45	0.00	9.50	0	1	-1421	8.86	0.00	9.50	0	1	-1420	7.59	0.00	9.50	0	1
-1419	5.13	0.00	9.50	0	1	-1418	4.52	0.00	9.50	0	1	-1417	3.24	0.00	9.50	0	1
-1416	0.00	0.00	9.50	0	1	-1415	25.15	12.86	9.35	0	1	-1414	22.06	12.86	9.35	0	1
-1413	20.77	12.86	9.35	0	1	-1412	20.27	12.86	9.35	0	1	-1411	19.45	12.86	9.35	0	1
-1410	16.97	12.86	9.35	0	1	-1409	15.72	12.86	9.35	0	1	-1408	14.18	12.86	9.35	0	1
-1407	13.52	12.86	9.35	0	1	-1406	13.15	12.86	9.35	0	1	-1405	11.87	12.86	9.35	0	1
-1404	11.66	12.86	9.35	0	1	-1403	10.92	12.86	9.35	0	1	-1402	9.49	12.86	9.35	0	1
-1401	8.12	12.86	9.35	0	1	-1400	7.35	12.86	9.35	0	1	-1399	7.09	12.86	9.35	0	1
-1398	6.89	12.86	9.35	0	1	-1397	6.03	12.86	9.35	0	1	-1396	5.79	12.86	9.35	0	1
-1395	5.13	12.86	9.35	0	1	-1394	4.42	12.86	9.35	0	1	-1393	3.18	12.86	9.35	0	1
-1392	0.00	12.86	9.35	0	1	-1391	10.92	11.68	9.35	0	1	-1390	19.45	11.41	9.35	0	1
-1389	7.35	11.27	9.35	0	1	-1388	0.00	11.22	9.35	0	1	-1387	19.45	10.81	9.35	0	1
-1386	7.35	10.66	9.35	0	1	-1385	10.92	10.65	9.35	0	1	-1384	7.35	10.21	9.35	0	1
-1383	5.13	10.21	9.35	0	1	-1382	19.45	9.95	9.35	0	1	-1381	25.15	9.76	9.35	0	1
-1380	0.00	9.58	9.35	0	1	-1379	19.45	9.30	9.35	0	1	-1378	14.18	9.30	9.35	0	1
-1377	7.35	9.23	9.35	0	1	-1376	25.15	8.47	9.35	0	1	-1375	19.45	8.33	9.35	0	1
-1374	14.18	8.33	9.35	0	1	-1373	25.15	8.15	9.35	0	1	-1372	23.54	8.15	9.35	0	1
-1371	20.53	8.15	9.35	0	1	-1370	19.45	8.15	9.35	0	1	-1369	14.18	8.15	9.35	0	1
-1368	7.35	8.15	9.35	0	1	-1367	0.00	7.94	9.35	0	1	-1366	19.45	7.34	9.35	0	1
-1365	17.94	7.34	9.35	0	1	-1364	17.82	7.34	9.35	0	1	-1363	16.72	7.34	9.35	0	1
-1362	14.18	7.34	9.35	0	1	-1361	11.82	7.34	9.35	0	1	-1360	10.92	7.34	9.35	0	1
-1359	7.35	7.26	9.35	0	1	-1358	5.13	7.26	9.35	0	1	-1357	25.15	7.14	9.35	0	1
-1356	19.45	6.85	9.35	0	1	-1355	0.00	6.70	9.35	0	1	-1354	19.45	6.45	9.35	0	1
-1353	0.00	6.45	9.35	0	1	-1352	5.13	6.24	9.35	0	1	-1351	25.15	5.69	9.35	0	1
-1350	23.54	5.69	9.35	0	1	-1349	20.47	5.69	9.35	0	1	-1348	19.45	5.69	9.35	0	1
-1347	10.92	5.69	9.35	0	1	-1346	9.97	5.69	9.35	0	1	-1345	9.01	5.69	9.35	0	1
-1344	8.41	5.69	9.35	0	1	-1343	7.44	5.69	9.35	0	1	-1342	6.73	5.69	9.35	0	1
-1341	5.13	5.58	9.35	0	1	-1340	3.87	5.58	9.35	0	1	-1339	1.05	5.58	9.35	0	1
-1338	0.00	5.58	9.35	0	1	-1337	19.45	5.24	9.35	0	1	-1336	5.13	4.58	9.35	0	1
-1335	25.15	4.29	9.35	0	1	-1334	10.92	4.15	9.35	0	1	-1333	0.00	3.72	9.35	0	1
-1332	25.15	3.17	9.35	0	1	-1331	10.92	2.15	9.35	0	1	-1330	19.45	2.10	9.35	0	1
-1329	0.00	1.86	9.35	0	1	-1328	5.13	1.21	9.35	0	1	-1327	19.45	1.05	9.35	0	1
-1326	10.92	1.05	9.35	0	1	-1325	5.13	1.00	9.35	0	1	-1324	25.15	0.00	9.35	0	1
-1323	22.01	0.00	9.35	0	1	-1322	20.71	0.00	9.35	0	1	-1321	19.45	0.00	9.35	0	1
-1320	17.63	0.00	9.35	0	1	-1319	16.35	0.00	9.35	0	1	-1318	15.72	0.00	9.35	0	1
-1317	14.18	0.00	9.35	0	1	-1316	13.50	0.00	9.35	0	1	-1315	13.23	0.00	9.35	0	1
-1314	11.90	0.00	9.35	0	1	-1313	11.63	0.00	9.35	0	1	-1312	10.92	0.00	9.35	0	1
-1311	9.45	0.00	9.35	0	1	-1310	8.86	0.00	9.35	0	1	-1309	7.59	0.00	9.35	0	1
-1308	5.13	0.00	9.35	0	1	-1307	4.52	0.00	9.35	0	1	-1306	3.24	0.00	9.35	0	1
-1305	0.00	0.00	9.35	0	1	-1304	25.15	12.86	8.58	2	1	-1303	22.06	12.86	8.58	2	1
-1302	20.77	12.86	8.58	2	1	-1301	20.27	12.86	8.58	2	1	-1300	19.45	12.86	8.58	2	1
-1299	16.97	12.86	8.58	2	1	-1298	15.72	12.86	8.58	2	1	-1297	14.18	12.86	8.58	2	1
-1296	13.52	12.86	8.58	2	1	-1295	13.15	12.86	8.58	2	1	-1294	11.87	12.86	8.58	2	1
-1293	11.66	12.86	8.58	2	1	-1292	10.92	12.86	8.58	2	1	-1291	9.49	12.86	8.58	2	1
-1290	8.12	12.86	8.58	2	1	-1289	7.35	12.86	8.58	2	1	-1288	7.09	12.86	8.58	2	1
-1287	6.89	12.86	8.58	2	1	-1286	6.03	12.86	8.58	2	1	-1285	5.79	12.86	8.58	2	1
-1284	5.13	12.86	8.58	2	1	-1283	4.42	12.86	8.58	2	1	-1282	3.18	12.86	8.58	2	1
-1281	0.00	12.86	8.58	2	1	-1280	10.92	11.68	8.58	2	1	-1279	19.45	11.41	8.58	2	1
-1278	7.35	11.27	8.58	2	1	-1277	0.00	11.22	8.58	2	1	-1276	19.45	10.81	8.58	2	1
-1275	9.01	10.77	8.58	2	1	-1274	7.35	10.66	8.58	2	1	-1273	10.92	10.65	8.58	2	1
-1272	7.35	10.21	8.58	2	1	-1271	5.13	10.21	8.58	2	1	-1270	19.45	9.95	8.58	2	1
-1269	25.15	9.76	8.58	2	1	-1268	0.00	9.58	8.58	2	1	-1267	9.01	9.34	8.58	2	1
-1266	19.45	9.30	8.58	2	1	-1265	14.18	9.30	8.58	2	1	-1264	7.35	9.23	8.58	2	1
-1263	19.45	9.23	8.58	2	1	-1262	14.18	8.74	8.58	2	1	-1261	19.45	8.62	8.58	2	1
-1260	25.15	8.47	8.58	2	1	-1259	19.45	8.33	8.58	2	1	-1258	14.18	8.33	8.58	2	1
-1257	25.15	8.15	8.58	2	1	-1256	23.54	8.15	8.58	2	1	-1255	20.53	8.15	8.58	2	1
-1254	19.68	8.15	8.58	2	1	-1253	19.45	8.15	8.58	2	1	-1252	14.18	8.15	8.58	2	1
-1251	7.35	8.15	8.58	2	1	-1250	0.00	7.94	8.58	2	1	-1249	19.45	7.34	8.58	2	1
-1248	17.94	7.34	8.58	2	1	-1247	17.82	7.34	8.58	2	1	-1246	16.72	7.34	8.58	2	1
-1245	14.18	7.34	8.58	2	1	-1244	11.82	7.34	8.58	2	1	-1243	10.92	7.34	8.58	2	1
-1242	9.01	7.26	8.58	2	1	-1241	7.35	7.26	8.58	2	1	-1240	5.13	7.26	8.58	2	1
-1239	25.15	7.14	8.58	2	1	-1238	19.45	6.85	8.58	2	1	-1237	0.00	6.70	8.58	2	1
-1236	19.45	6.45	8.58	2	1	-1235	0.00	6.45	8.58	2	1	-1234	5.13	6.24	8.58	2	1
-1233	25.15	5.69	8.58	2	1	-1232	23.54	5.69	8.58	2	1	-1231	20.47	5.69	8.58	2	1
-1230	19.65	5.69	8.58	2	1	-1229	19.45	5.69	8.58	2	1	-1228	10.92	5.69	8.58	2	1
-1227	9.97	5.69	8.58	2	1	-1226	9.01	5.69	8.58	2	1	-1225	8.41	5.69	8.58	2	1
-1224	7.44	5.69	8.58	2	1	-1223	6.73	5.69	8.58	2	1	-1222	5.13	5.58	8.58	2	1
-1221	3.87	5.58	8.58	2	1	-1220	1.05	5.58	8.58	2	1	-1219	0.00	5.58	8.58	2	1
-1218	19.45	5.24	8.58	2	1	-1217	5.13	4.58	8.58	2	1	-1216	25.15	4.29	8.58	2	1
-1215	10.92	4.15	8.58	2	1	-1214	0.00	3.72	8.58	2	1	-1213	25.15	3.17	8.58	2	1
-1212	10.92	2.15	8.58	2	1	-1211	19.45	2.10	8.58	2	1	-1210	5.13	2.08	8.58	2	1
-1209	0.00	1.86	8.58	2	1	-1208	5.13	1.21	8.58	2	1	-1207	19.45	1.05	8.58	2	1
-1206	10.92	1.05	8.58	2	1	-1205	5.13	1.00	8.58	2	1	-1204	25.15	0.00	8.58	2	1
-1203	22.01	0.00	8.58	2	1	-1202	20.71	0.00	8.58	2	1	-1201	19.45	0.00	8.58	2	1
-1200	17.63	0.00	8.58	2	1	-1199	16.35	0.00	8.58	2	1	-1198	15.72	0.00	8.58	2	1
-1197	14.18	0.00	8.58	2	1	-1196	13.50	0.00	8.58	2	1	-1195	13.23	0.00	8.58	2	1
-1194	11.90	0.00	8.58	2	1	-1193	11.63	0.00	8.58	2	1	-1192	10.92	0.00	8.58	2	1
-1191	9.45	0.00	8.58	2	1	-1190	8.86	0.00	8.58	2	1	-1189	7.59	0.00	8.58	2	1

-1188	5.13	0.00	8.58	2	1	-1187	4.52	0.00	8.58	2	1	-1186	3.24	0.00	8.58	2	1
-1185	0.00	0.00	8.58	2	1	-1184	25.15	12.86	7.88	0	1	-1183	22.06	12.86	7.88	0	1
-1182	20.77	12.86	7.88	0	1	-1181	20.27	12.86	7.88	0	1	-1180	19.45	12.86	7.88	0	1
-1179	16.97	12.86	7.88	0	1	-1178	15.72	12.86	7.88	0	1	-1177	14.18	12.86	7.88	0	1
-1176	13.52	12.86	7.88	0	1	-1175	13.15	12.86	7.88	0	1	-1174	11.87	12.86	7.88	0	1
-1173	11.66	12.86	7.88	0	1	-1172	10.92	12.86	7.88	0	1	-1171	9.49	12.86	7.88	0	1
-1170	8.12	12.86	7.88	0	1	-1169	7.35	12.86	7.88	0	1	-1168	7.09	12.86	7.88	0	1
-1167	6.89	12.86	7.88	0	1	-1166	6.03	12.86	7.88	0	1	-1165	5.79	12.86	7.88	0	1
-1164	5.13	12.86	7.88	0	1	-1163	4.42	12.86	7.88	0	1	-1162	3.18	12.86	7.88	0	1
-1161	0.00	12.86	7.88	0	1	-1160	10.92	11.68	7.88	0	1	-1159	19.45	11.41	7.88	0	1
-1158	7.35	11.27	7.88	0	1	-1157	0.00	11.22	7.88	0	1	-1156	19.45	10.81	7.88	0	1
-1155	9.01	10.77	7.88	0	1	-1154	7.35	10.66	7.88	0	1	-1153	10.92	10.65	7.88	0	1
-1152	7.35	10.21	7.88	0	1	-1151	5.13	10.21	7.88	0	1	-1150	19.45	9.95	7.88	0	1
-1149	25.15	9.76	7.88	0	1	-1148	0.00	9.58	7.88	0	1	-1147	9.01	9.34	7.88	0	1
-1146	19.45	9.30	7.88	0	1	-1145	14.18	9.30	7.88	0	1	-1144	7.35	9.23	7.88	0	1
-1143	19.45	9.23	7.88	0	1	-1142	14.18	8.74	7.88	0	1	-1141	19.45	8.62	7.88	0	1
-1140	25.15	8.47	7.88	0	1	-1139	19.45	8.33	7.88	0	1	-1138	14.18	8.33	7.88	0	1
-1137	25.15	8.15	7.88	0	1	-1136	23.54	8.15	7.88	0	1	-1135	20.53	8.15	7.88	0	1
-1134	19.68	8.15	7.88	0	1	-1133	19.45	8.15	7.88	0	1	-1132	14.18	8.15	7.88	0	1
-1131	7.35	8.15	7.88	0	1	-1130	0.00	7.94	7.88	0	1	-1129	19.45	7.34	7.88	0	1
-1128	17.94	7.34	7.88	0	1	-1127	17.82	7.34	7.88	0	1	-1126	16.72	7.34	7.88	0	1
-1125	14.18	7.34	7.88	0	1	-1124	10.92	7.34	7.88	0	1	-1123	9.01	7.26	7.88	0	1
-1122	7.35	7.26	7.88	0	1	-1121	5.13	7.26	7.88	0	1	-1120	25.15	7.14	7.88	0	1
-1119	19.45	6.85	7.88	0	1	-1118	0.00	6.70	7.88	0	1	-1117	19.45	6.45	7.88	0	1
-1116	0.00	6.45	7.88	0	1	-1115	5.13	6.24	7.88	0	1	-1114	25.15	5.69	7.88	0	1
-1113	23.54	5.69	7.88	0	1	-1112	20.47	5.69	7.88	0	1	-1111	19.65	5.69	7.88	0	1
-1110	19.45	5.69	7.88	0	1	-1109	10.92	5.69	7.88	0	1	-1108	9.97	5.69	7.88	0	1
-1107	9.01	5.69	7.88	0	1	-1106	8.41	5.69	7.88	0	1	-1105	7.44	5.69	7.88	0	1
-1104	6.73	5.69	7.88	0	1	-1103	5.13	5.58	7.88	0	1	-1102	3.87	5.58	7.88	0	1
-1101	1.05	5.58	7.88	0	1	-1100	0.00	5.58	7.88	0	1	-1099	19.45	5.24	7.88	0	1
-1098	5.13	4.58	7.88	0	1	-1097	25.15	4.29	7.88	0	1	-1096	10.92	4.15	7.88	0	1
-1095	0.00	3.72	7.88	0	1	-1094	25.15	3.17	7.88	0	1	-1093	10.92	2.15	7.88	0	1
-1092	19.45	2.10	7.88	0	1	-1091	5.13	2.08	7.88	0	1	-1090	0.00	1.86	7.88	0	1
-1089	5.13	1.21	7.88	0	1	-1088	19.45	1.05	7.88	0	1	-1087	10.92	1.05	7.88	0	1
-1086	5.13	1.00	7.88	0	1	-1085	25.15	0.00	7.88	0	1	-1084	22.01	0.00	7.88	0	1
-1083	20.71	0.00	7.88	0	1	-1082	19.45	0.00	7.88	0	1	-1081	17.63	0.00	7.88	0	1
-1080	16.35	0.00	7.88	0	1	-1079	15.72	0.00	7.88	0	1	-1078	14.18	0.00	7.88	0	1
-1077	13.50	0.00	7.88	0	1	-1076	13.23	0.00	7.88	0	1	-1075	11.90	0.00	7.88	0	1
-1074	11.63	0.00	7.88	0	1	-1073	10.92	0.00	7.88	0	1	-1072	9.45	0.00	7.88	0	1
-1071	8.86	0.00	7.88	0	1	-1070	7.59	0.00	7.88	0	1	-1069	5.13	0.00	7.88	0	1
-1068	4.52	0.00	7.88	0	1	-1067	3.24	0.00	7.88	0	1	-1066	0.00	0.00	7.88	0	1
-1065	25.15	12.86	7.55	0	1	-1064	22.06	12.86	7.55	0	1	-1063	20.77	12.86	7.55	0	1
-1062	20.27	12.86	7.55	0	1	-1061	19.45	12.86	7.55	0	1	-1060	16.97	12.86	7.55	0	1
-1059	15.72	12.86	7.55	0	1	-1058	14.18	12.86	7.55	0	1	-1057	13.52	12.86	7.55	0	1
-1056	13.15	12.86	7.55	0	1	-1055	11.87	12.86	7.55	0	1	-1054	11.66	12.86	7.55	0	1
-1053	10.92	12.86	7.55	0	1	-1052	9.49	12.86	7.55	0	1	-1051	9.05	12.86	7.55	0	1
-1050	8.12	12.86	7.55	0	1	-1049	7.35	12.86	7.55	0	1	-1048	7.09	12.86	7.55	0	1
-1047	6.89	12.86	7.55	0	1	-1046	6.03	12.86	7.55	0	1	-1045	5.79	12.86	7.55	0	1
-1044	5.13	12.86	7.55	0	1	-1043	4.42	12.86	7.55	0	1	-1042	3.18	12.86	7.55	0	1
-1041	0.00	12.86	7.55	0	1	-1040	10.92	11.68	7.55	0	1	-1039	19.45	11.41	7.55	0	1
-1038	7.35	11.27	7.55	0	1	-1037	0.00	11.22	7.55	0	1	-1036	19.45	10.81	7.55	0	1
-1035	7.35	10.66	7.55	0	1	-1034	10.92	10.65	7.55	0	1	-1033	7.35	10.21	7.55	0	1
-1032	5.13	10.21	7.55	0	1	-1031	19.45	9.95	7.55	0	1	-1030	25.15	9.76	7.55	0	1
-1029	0.00	9.58	7.55	0	1	-1028	19.45	9.30	7.55	0	1	-1027	14.18	9.30	7.55	0	1
-1026	7.35	9.23	7.55	0	1	-1025	19.45	9.23	7.55	0	1	-1024	14.18	8.74	7.55	0	1
-1023	19.45	8.62	7.55	0	1	-1022	25.15	8.47	7.55	0	1	-1021	19.45	8.33	7.55	0	1
-1020	14.18	8.33	7.55	0	1	-1019	25.15	8.15	7.55	0	1	-1018	23.54	8.15	7.55	0	1
-1017	20.53	8.15	7.55	0	1	-1016	19.68	8.15	7.55	0	1	-1015	19.45	8.15	7.55	0	1
-1014	14.18	8.15	7.55	0	1	-1013	7.35	8.15	7.55	0	1	-1012	0.00	7.94	7.55	0	1
-1011	19.45	7.34	7.55	0	1	-1010	17.94	7.34	7.55	0	1	-1009	17.82	7.34	7.55	0	1
-1008	16.72	7.34	7.55	0	1	-1007	14.18	7.34	7.55	0	1	-1006	10.92	7.34	7.55	0	1
-1005	7.35	7.26	7.55	0	1	-1004	5.13	7.26	7.55	0	1	-1003	25.15	7.14	7.55	0	1
-1002	19.45	6.85	7.55	0	1	-1001	0.00	6.70	7.55	0	1	-1000	19.45	6.45	7.55	0	1
-999	0.00	6.45	7.55	0	1	-998	5.13	6.24	7.55	0	1	-997	25.15	5.69	7.55	0	1
-996	23.54	5.69	7.55	0	1	-995	20.47	5.69	7.55	0	1	-994	19.65	5.69	7.55	0	1
-993	19.45	5.69	7.55	0	1	-992	10.92	5.69	7.55	0	1	-991	9.97	5.69	7.55	0	1
-990	9.01	5.69	7.55	0	1	-989	8.41	5.69	7.55	0	1	-988	7.44	5.69	7.55	0	1
-987	6.73	5.69	7.55	0	1	-986	5.13	5.58	7.55	0	1	-985	3.87	5.58	7.55	0	1
-984	1.05	5.58	7.55	0	1	-983	0.00	5.58	7.55	0	1	-982	19.45	5.24	7.55	0	1
-981	5.13	4.58	7.55	0	1	-980	25.15	4.29	7.55	0	1	-979	10.92	4.15	7.55	0	1
-978	0.00	3.72	7.55	0	1	-977	25.15	3.17	7.55	0	1	-976	10.92	2.15	7.55	0	1
-975	19.45	2.10	7.55	0	1	-974	5.13	2.08	7.55	0	1	-973	0.00	1.86	7.55	0	1
-972	5.13	1.21	7.55	0	1	-971	19.45	1.05	7.55	0	1	-970	10.92	1.05	7.55	0	1
-969	5.13	1.00	7.55	0	1	-968	25.15	0.00	7.55	0	1	-967	22.01	0.00	7.55	0	1
-966	20.71	0.00	7.55	0	1	-965	19.45	0.00	7.55	0	1	-964	17.63	0.00	7.55	0	1
-963	16.35	0.00	7.55	0	1	-962	15.72	0.00	7.55	0	1	-961	14.18	0.00	7.55	0	1
-960	13.50	0.00	7.55	0	1	-959	13.23	0.00	7.55	0	1	-958	11.90	0.00	7.55	0	1
-957	11.63	0.00	7.55	0	1	-956	10.92	0.00	7.55	0	1	-955	9.45	0.00	7.55	0	1
-954	8.86	0.00	7.55	0	1	-953	7.59	0.00	7.55	0	1	-952	5.13	0.00	7.55	0	1

-951	4.52	0.00	7.55	0	1	-950	3.24	0.00	7.55	0	1	-949	0.00	0.00	7.55	0	1
-948	3.18	12.86	7.05	0	1	-947	0.00	12.86	7.05	0	1	-946	0.00	11.22	7.05	0	1
-945	0.00	9.58	7.05	0	1	-944	0.00	7.94	7.05	0	1	-943	9.01	10.77	6.33	0	1
-942	9.01	9.34	6.33	0	1	-941	9.01	7.26	6.33	0	1	-940	25.15	12.86	6.28	0	1
-939	22.06	12.86	6.28	0	1	-938	20.77	12.86	6.28	0	1	-937	20.27	12.86	6.28	0	1
-936	19.45	12.86	6.28	0	1	-935	16.97	12.86	6.28	0	1	-934	15.72	12.86	6.28	0	1
-933	14.18	12.86	6.28	0	1	-932	13.52	12.86	6.28	0	1	-931	13.15	12.86	6.28	0	1
-930	11.87	12.86	6.28	0	1	-929	11.66	12.86	6.28	0	1	-928	10.92	12.86	6.28	0	1
-927	9.49	12.86	6.28	0	1	-926	9.05	12.86	6.28	0	1	-925	8.12	12.86	6.28	0	1
-924	7.35	12.86	6.28	0	1	-923	7.09	12.86	6.28	0	1	-922	6.89	12.86	6.28	0	1
-921	6.03	12.86	6.28	0	1	-920	5.79	12.86	6.28	0	1	-919	5.13	12.86	6.28	0	1
-918	4.42	12.86	6.28	0	1	-917	3.18	12.86	6.28	0	1	-916	0.00	12.86	6.28	0	1
-915	10.92	11.68	6.28	0	1	-914	19.45	11.41	6.28	0	1	-913	7.35	11.27	6.28	0	1
-912	0.00	11.22	6.28	0	1	-911	7.35	10.66	6.28	0	1	-910	10.92	10.65	6.28	0	1
-909	7.35	10.21	6.28	0	1	-908	5.13	10.21	6.28	0	1	-907	25.15	9.76	6.28	0	1
-906	0.00	9.58	6.28	0	1	-905	14.18	9.30	6.28	0	1	-904	7.35	9.23	6.28	0	1
-903	19.45	8.62	6.28	0	1	-902	25.15	8.47	6.28	0	1	-901	19.45	8.33	6.28	0	1
-900	14.18	8.33	6.28	0	1	-899	25.15	8.15	6.28	0	1	-898	23.54	8.15	6.28	0	1
-897	20.53	8.15	6.28	0	1	-896	19.68	8.15	6.28	0	1	-895	19.45	8.15	6.28	0	1
-894	14.18	8.15	6.28	0	1	-893	7.35	8.15	6.28	0	1	-892	0.00	7.94	6.28	0	1
-891	19.45	7.34	6.28	0	1	-890	17.94	7.34	6.28	0	1	-889	17.82	7.34	6.28	0	1
-888	16.72	7.34	6.28	0	1	-887	14.18	7.34	6.28	0	1	-886	10.92	7.34	6.28	0	1
-885	7.35	7.26	6.28	0	1	-884	5.13	7.26	6.28	0	1	-883	25.15	7.14	6.28	0	1
-882	19.45	6.85	6.28	0	1	-881	0.00	6.70	6.28	0	1	-880	0.00	6.45	6.28	0	1
-879	25.15	5.69	6.28	0	1	-878	23.54	5.69	6.28	0	1	-877	20.47	5.69	6.28	0	1
-876	19.65	5.69	6.28	0	1	-875	19.45	5.69	6.28	0	1	-874	3.87	5.58	6.28	0	1
-873	1.05	5.58	6.28	0	1	-872	0.00	5.58	6.28	0	1	-871	19.45	5.24	6.28	0	1
-870	25.15	4.29	6.28	0	1	-869	0.00	3.72	6.28	0	1	-868	25.15	3.17	6.28	0	1
-867	19.45	2.10	6.28	0	1	-866	0.00	1.86	6.28	0	1	-865	25.15	0.00	6.28	0	1
-864	22.01	0.00	6.28	0	1	-863	3.24	0.00	6.28	0	1	-862	0.00	0.00	6.28	0	1
-861	10.92	5.69	5.57	0	1	-860	9.97	5.69	5.57	0	1	-859	9.01	5.69	5.57	0	1
-858	8.41	5.69	5.57	0	1	-857	7.44	5.69	5.57	0	1	-856	6.73	5.69	5.57	0	1
-855	5.13	5.58	5.57	0	1	-854	5.13	4.58	5.57	0	1	-853	10.92	4.15	5.57	0	1
-852	10.92	2.15	5.57	0	1	-851	5.13	2.08	5.57	0	1	-850	5.13	1.00	5.57	0	1
-849	7.59	0.00	5.57	0	1	-848	5.13	0.00	5.57	0	1	-847	4.52	0.00	5.57	0	1
-846	25.15	12.86	4.97	0	1	-845	22.06	12.86	4.97	0	1	-844	20.77	12.86	4.97	0	1
-843	20.27	12.86	4.97	0	1	-842	19.45	12.86	4.97	0	1	-841	16.97	12.86	4.97	0	1
-840	15.72	12.86	4.97	0	1	-839	14.18	12.86	4.97	0	1	-838	13.52	12.86	4.97	0	1
-837	13.15	12.86	4.97	0	1	-836	11.87	12.86	4.97	0	1	-835	11.66	12.86	4.97	0	1
-834	10.92	12.86	4.97	0	1	-833	9.49	12.86	4.97	0	1	-832	9.05	12.86	4.97	0	1
-831	8.12	12.86	4.97	0	1	-830	7.35	12.86	4.97	0	1	-829	7.09	12.86	4.97	0	1
-828	6.89	12.86	4.97	0	1	-827	6.03	12.86	4.97	0	1	-826	5.79	12.86	4.97	0	1
-825	5.13	12.86	4.97	0	1	-824	4.42	12.86	4.97	0	1	-823	3.18	12.86	4.97	0	1
-822	0.00	12.86	4.97	0	1	-821	10.92	11.68	4.97	0	1	-820	19.45	11.41	4.97	0	1
-819	7.35	11.27	4.97	0	1	-818	0.00	11.22	4.97	0	1	-817	7.35	10.66	4.97	0	1
-816	10.92	10.65	4.97	0	1	-815	7.35	10.21	4.97	0	1	-814	5.13	10.21	4.97	0	1
-813	25.15	9.76	4.97	0	1	-812	0.00	9.58	4.97	0	1	-811	14.18	9.30	4.97	0	1
-810	7.35	9.23	4.97	0	1	-809	19.45	8.62	4.97	0	1	-808	25.15	8.47	4.97	0	1
-807	19.45	8.33	4.97	0	1	-806	14.18	8.33	4.97	0	1	-805	25.15	8.15	4.97	0	1
-804	23.54	8.15	4.97	0	1	-803	20.53	8.15	4.97	0	1	-802	19.68	8.15	4.97	0	1
-801	19.45	8.15	4.97	0	1	-800	14.18	8.15	4.97	0	1	-799	7.35	8.15	4.97	0	1
-798	0.00	7.94	4.97	0	1	-797	19.45	7.34	4.97	0	1	-796	17.94	7.34	4.97	0	1
-795	17.82	7.34	4.97	0	1	-794	16.72	7.34	4.97	0	1	-793	14.18	7.34	4.97	0	1
-792	10.92	7.34	4.97	0	1	-791	7.35	7.26	4.97	0	1	-790	5.13	7.26	4.97	0	1
-789	25.15	7.14	4.97	0	1	-788	19.45	6.85	4.97	0	1	-787	0.00	6.70	4.97	0	1
-786	0.00	6.45	4.97	0	1	-785	25.15	5.69	4.97	0	1	-784	23.54	5.69	4.97	0	1
-783	20.47	5.69	4.97	0	1	-782	19.65	5.69	4.97	0	1	-781	19.45	5.69	4.97	0	1
-780	10.92	5.69	4.97	0	1	-779	9.97	5.69	4.97	0	1	-778	9.01	5.69	4.97	0	1
-777	8.41	5.69	4.97	0	1	-776	7.44	5.69	4.97	0	1	-775	6.73	5.69	4.97	0	1
-774	5.13	5.58	4.97	0	1	-773	3.87	5.58	4.97	0	1	-772	1.05	5.58	4.97	0	1
-771	0.00	5.58	4.97	0	1	-770	19.45	5.24	4.97	0	1	-769	5.13	4.58	4.97	0	1
-768	25.15	4.29	4.97	0	1	-767	10.92	4.15	4.97	0	1	-766	0.00	3.72	4.97	0	1
-765	25.15	3.17	4.97	0	1	-764	10.92	2.15	4.97	0	1	-763	19.45	2.10	4.97	0	1
-762	5.13	2.08	4.97	0	1	-761	0.00	1.86	4.97	0	1	-760	19.45	1.05	4.97	0	1
-759	10.92	1.05	4.97	0	1	-758	5.13	1.00	4.97	0	1	-757	25.15	0.00	4.97	0	1
-756	22.01	0.00	4.97	0	1	-755	20.71	0.00	4.97	0	1	-754	19.45	0.00	4.97	0	1
-753	17.63	0.00	4.97	0	1	-752	16.35	0.00	4.97	0	1	-751	15.72	0.00	4.97	0	1
-750	14.18	0.00	4.97	0	1	-749	13.50	0.00	4.97	0	1	-748	13.23	0.00	4.97	0	1
-747	11.90	0.00	4.97	0	1	-746	11.63	0.00	4.97	0	1	-745	10.92	0.00	4.97	0	1
-744	9.45	0.00	4.97	0	1	-743	8.86	0.00	4.97	0	1	-742	7.59	0.00	4.97	0	1
-741	5.13	0.00	4.97	0	1	-740	4.52	0.00	4.97	0	1	-739	3.24	0.00	4.97	0	1
-738	0.00	0.00	4.97	0	1	-737	25.15	12.86	4.07	1	1	-736	22.06	12.86	4.07	1	1
-735	20.77	12.86	4.07	1	1	-734	20.27	12.86	4.07	1	1	-733	19.45	12.86	4.07	1	1
-732	16.97	12.86	4.07	1	1	-731	15.72	12.86	4.07	1	1	-730	14.18	12.86	4.07	1	1
-729	13.52	12.86	4.07	1	1	-728	13.15	12.86	4.07	1	1	-727	11.87	12.86	4.07	1	1
-726	11.66	12.86	4.07	1	1	-725	10.92	12.86	4.07	1	1	-724	9.49	12.86	4.07	1	1
-723	8.12	12.86	4.07	1	1	-722	7.35	12.86	4.07	1	1	-721	7.09	12.86	4.07	1	1
-720	6.89	12.86	4.07	1	1	-719	6.03	12.86	4.07	1	1	-718	5.79	12.86	4.07	1	1
-717	5.13	12.86	4.07	1	1	-716	4.42	12.86	4.07	1	1	-715	3.18	12.86	4.07	1	1

-714	0.00	12.86	4.07	1	1	-713	10.92	11.68	4.07	1	1	-712	19.45	11.41	4.07	1	1
-711	7.35	11.27	4.07	1	1	-710	0.00	11.22	4.07	1	1	-709	19.45	10.81	4.07	1	1
-708	9.01	10.77	4.07	1	1	-707	7.35	10.66	4.07	1	1	-706	10.92	10.65	4.07	1	1
-705	7.35	10.21	4.07	1	1	-704	5.13	10.21	4.07	1	1	-703	19.45	9.95	4.07	1	1
-702	25.15	9.76	4.07	1	1	-701	0.00	9.58	4.07	1	1	-700	9.01	9.34	4.07	1	1
-699	19.45	9.30	4.07	1	1	-698	14.18	9.30	4.07	1	1	-697	7.35	9.23	4.07	1	1
-696	19.45	9.18	4.07	1	1	-695	19.45	8.62	4.07	1	1	-694	25.15	8.47	4.07	1	1
-693	19.45	8.33	4.07	1	1	-692	14.18	8.33	4.07	1	1	-691	25.15	8.15	4.07	1	1
-690	23.54	8.15	4.07	1	1	-689	20.53	8.15	4.07	1	1	-688	19.68	8.15	4.07	1	1
-687	19.45	8.15	4.07	1	1	-686	14.18	8.15	4.07	1	1	-685	7.35	8.15	4.07	1	1
-684	0.00	7.94	4.07	1	1	-683	19.45	7.34	4.07	1	1	-682	17.94	7.34	4.07	1	1
-681	17.82	7.34	4.07	1	1	-680	16.72	7.34	4.07	1	1	-679	14.18	7.34	4.07	1	1
-678	10.92	7.34	4.07	1	1	-677	9.01	7.26	4.07	1	1	-676	8.56	7.26	4.07	1	1
-675	7.64	7.26	4.07	1	1	-674	7.35	7.26	4.07	1	1	-673	5.13	7.26	4.07	1	1
-672	25.15	7.14	4.07	1	1	-671	19.45	6.85	4.07	1	1	-670	0.00	6.70	4.07	1	1
-669	0.00	6.45	4.07	1	1	-668	5.13	6.24	4.07	1	1	-667	19.45	5.83	4.07	1	1
-666	25.15	5.69	4.07	1	1	-665	23.54	5.69	4.07	1	1	-664	20.47	5.69	4.07	1	1
-663	19.65	5.69	4.07	1	1	-662	19.45	5.69	4.07	1	1	-661	19.03	5.69	4.07	1	1
-660	16.18	5.69	4.07	1	1	-659	15.06	5.69	4.07	1	1	-658	14.18	5.69	4.07	1	1
-657	10.92	5.69	4.07	1	1	-656	9.97	5.69	4.07	1	1	-655	9.01	5.69	4.07	1	1
-654	8.41	5.69	4.07	1	1	-653	7.44	5.69	4.07	1	1	-652	6.73	5.69	4.07	1	1
-651	5.13	5.58	4.07	1	1	-650	4.75	5.58	4.07	1	1	-649	3.87	5.58	4.07	1	1
-648	1.05	5.58	4.07	1	1	-647	0.00	5.58	4.07	1	1	-646	19.45	5.24	4.07	1	1
-645	5.13	4.58	4.07	1	1	-644	25.15	4.29	4.07	1	1	-643	14.18	4.15	4.07	1	1
-642	10.92	4.15	4.07	1	1	-641	0.00	3.72	4.07	1	1	-640	25.15	3.17	4.07	1	1
-639	14.18	2.35	4.07	1	1	-638	10.92	2.15	4.07	1	1	-637	19.45	2.10	4.07	1	1
-636	5.13	2.08	4.07	1	1	-635	0.00	1.86	4.07	1	1	-634	5.13	1.21	4.07	1	1
-633	19.45	1.05	4.07	1	1	-632	10.92	1.05	4.07	1	1	-631	5.13	1.00	4.07	1	1
-630	25.15	0.00	4.07	1	1	-629	22.01	0.00	4.07	1	1	-628	20.71	0.00	4.07	1	1
-627	19.45	0.00	4.07	1	1	-626	17.63	0.00	4.07	1	1	-625	16.35	0.00	4.07	1	1
-624	15.72	0.00	4.07	1	1	-623	14.18	0.00	4.07	1	1	-622	13.50	0.00	4.07	1	1
-621	13.23	0.00	4.07	1	1	-620	11.90	0.00	4.07	1	1	-619	11.63	0.00	4.07	1	1
-618	10.92	0.00	4.07	1	1	-617	9.45	0.00	4.07	1	1	-616	8.86	0.00	4.07	1	1
-615	7.59	0.00	4.07	1	1	-614	5.13	0.00	4.07	1	1	-613	4.52	0.00	4.07	1	1
-612	3.24	0.00	4.07	1	1	-611	0.00	0.00	4.07	1	1	-610	15.72	-0.95	4.07	1	1
-609	9.45	-0.95	4.07	1	1	-608	25.15	12.86	3.39	0	1	-607	22.06	12.86	3.39	0	1
-606	20.77	12.86	3.39	0	1	-605	20.27	12.86	3.39	0	1	-604	25.15	9.76	3.39	0	1
-603	25.15	8.47	3.39	0	1	-602	25.15	8.15	3.39	0	1	-601	25.15	7.14	3.39	0	1
-600	25.15	6.73	3.39	0	1	-599	25.15	6.14	3.39	0	1	-598	25.15	5.69	3.39	0	1
-597	25.15	4.29	3.39	0	1	-596	25.15	3.17	3.39	0	1	-595	19.45	12.86	3.39	0	1
-594	16.97	12.86	3.39	0	1	-593	15.72	12.86	3.39	0	1	-592	14.18	12.86	3.39	0	1
-591	13.52	12.86	3.39	0	1	-590	13.15	12.86	3.39	0	1	-589	11.87	12.86	3.39	0	1
-588	11.66	12.86	3.39	0	1	-587	10.92	12.86	3.39	0	1	-586	9.49	12.86	3.39	0	1
-585	8.12	12.86	3.39	0	1	-584	7.35	12.86	3.39	0	1	-583	7.09	12.86	3.39	0	1
-582	6.89	12.86	3.39	0	1	-581	6.03	12.86	3.39	0	1	-580	5.79	12.86	3.39	0	1
-579	5.13	12.86	3.39	0	1	-578	4.42	12.86	3.39	0	1	-577	3.18	12.86	3.39	0	1
-576	0.00	12.86	3.39	0	1	-575	10.92	11.68	3.39	0	1	-574	19.45	11.41	3.39	0	1
-573	7.35	11.27	3.39	0	1	-572	0.00	11.22	3.39	0	1	-571	19.45	10.81	3.39	0	1
-570	9.01	10.77	3.39	0	1	-569	7.35	10.66	3.39	0	1	-568	10.92	10.65	3.39	0	1
-567	7.35	10.21	3.39	0	1	-566	5.13	10.21	3.39	0	1	-565	19.45	9.95	3.39	0	1
-564	0.00	9.58	3.39	0	1	-563	9.01	9.34	3.39	0	1	-562	19.45	9.30	3.39	0	1
-561	14.18	9.30	3.39	0	1	-560	7.35	9.23	3.39	0	1	-559	19.45	9.18	3.39	0	1
-558	19.45	8.62	3.39	0	1	-557	19.45	8.33	3.39	0	1	-556	14.18	8.33	3.39	0	1
-555	23.54	8.15	3.39	0	1	-554	20.53	8.15	3.39	0	1	-553	19.68	8.15	3.39	0	1
-552	19.45	8.15	3.39	0	1	-551	14.18	8.15	3.39	0	1	-550	7.35	8.15	3.39	0	1
-549	0.00	7.94	3.39	0	1	-548	19.45	7.34	3.39	0	1	-547	17.94	7.34	3.39	0	1
-546	17.82	7.34	3.39	0	1	-545	16.72	7.34	3.39	0	1	-544	14.18	7.34	3.39	0	1
-543	10.92	7.34	3.39	0	1	-542	9.01	7.26	3.39	0	1	-541	8.56	7.26	3.39	0	1
-540	7.64	7.26	3.39	0	1	-539	7.35	7.26	3.39	0	1	-538	5.13	7.26	3.39	0	1
-537	19.45	6.85	3.39	0	1	-536	0.00	6.70	3.39	0	1	-535	0.00	6.45	3.39	0	1
-534	5.13	6.24	3.39	0	1	-533	19.45	5.83	3.39	0	1	-532	23.54	5.69	3.39	0	1
-531	20.47	5.69	3.39	0	1	-530	19.65	5.69	3.39	0	1	-529	19.45	5.69	3.39	0	1
-528	19.03	5.69	3.39	0	1	-527	16.18	5.69	3.39	0	1	-526	15.06	5.69	3.39	0	1
-525	14.18	5.69	3.39	0	1	-524	10.92	5.69	3.39	0	1	-523	9.97	5.69	3.39	0	1
-522	9.01	5.69	3.39	0	1	-521	8.41	5.69	3.39	0	1	-520	7.44	5.69	3.39	0	1
-519	6.73	5.69	3.39	0	1	-518	5.13	5.58	3.39	0	1	-517	4.75	5.58	3.39	0	1
-516	3.87	5.58	3.39	0	1	-515	1.05	5.58	3.39	0	1	-514	0.00	5.58	3.39	0	1
-513	19.45	5.24	3.39	0	1	-512	5.13	4.58	3.39	0	1	-511	14.18	4.15	3.39	0	1
-510	10.92	4.15	3.39	0	1	-509	0.00	3.72	3.39	0	1	-508	14.18	2.35	3.39	0	1
-507	10.92	2.15	3.39	0	1	-506	19.45	2.10	3.39	0	1	-505	5.13	2.08	3.39	0	1
-504	0.00	1.86	3.39	0	1	-503	5.13	1.21	3.39	0	1	-502	19.45	1.05	3.39	0	1
-501	10.92	1.05	3.39	0	1	-500	5.13	1.00	3.39	0	1	-499	25.15	0.00	3.39	0	1
-498	22.01	0.00	3.39	0	1	-497	20.71	0.00	3.39	0	1	-496	19.45	0.00	3.39	0	1
-495	17.63	0.00	3.39	0	1	-494	16.35	0.00	3.39	0	1	-493	15.72	0.00	3.39	0	1
-492	14.18	0.00	3.39	0	1	-491	13.50	0.00	3.39	0	1	-490	13.23	0.00	3.39	0	1
-489	11.90	0.00	3.39	0	1	-488	11.63	0.00	3.39	0	1	-487	10.92	0.00	3.39	0	1
-486	9.45	0.00	3.39	0	1	-485	8.86	0.00	3.39	0	1	-484	7.59	0.00	3.39	0	1
-483	5.13	0.00	3.39	0	1	-482	4.52	0.00	3.39	0	1	-481	3.24	0.00	3.39	0	1
-480	0.00	0.00	3.39	0	1	-479	25.15	12.86	2.90	0	1	-478	22.06	12.86	2.90	0	1

-477	20.77	12.86	2.90	0	1	-476	20.27	12.86	2.90	0	1	-475	19.45	12.86	2.90	0	1
-474	16.97	12.86	2.90	0	1	-473	15.72	12.86	2.90	0	1	-472	14.18	12.86	2.90	0	1
-471	13.52	12.86	2.90	0	1	-470	11.66	12.86	2.90	0	1	-469	10.92	12.86	2.90	0	1
-468	9.49	12.86	2.90	0	1	-467	9.05	12.86	2.90	0	1	-466	8.44	12.86	2.90	0	1
-465	8.12	12.86	2.90	0	1	-464	7.35	12.86	2.90	0	1	-463	7.09	12.86	2.90	0	1
-462	6.89	12.86	2.90	0	1	-461	6.03	12.86	2.90	0	1	-460	5.79	12.86	2.90	0	1
-459	5.13	12.86	2.90	0	1	-458	4.42	12.86	2.90	0	1	-457	3.18	12.86	2.90	0	1
-456	0.00	12.86	2.90	0	1	-455	10.92	11.68	2.90	0	1	-454	19.45	11.41	2.90	0	1
-453	7.35	11.27	2.90	0	1	-452	0.00	11.22	2.90	0	1	-451	19.45	10.81	2.90	0	1
-450	9.01	10.77	2.90	0	1	-449	7.35	10.66	2.90	0	1	-448	10.92	10.65	2.90	0	1
-447	7.35	10.21	2.90	0	1	-446	5.13	10.21	2.90	0	1	-445	19.45	9.95	2.90	0	1
-444	25.15	9.76	2.90	0	1	-443	0.00	9.58	2.90	0	1	-442	9.01	9.34	2.90	0	1
-441	19.45	9.30	2.90	0	1	-440	14.18	9.30	2.90	0	1	-439	7.35	9.23	2.90	0	1
-438	19.45	9.18	2.90	0	1	-437	19.45	8.62	2.90	0	1	-436	25.15	8.47	2.90	0	1
-435	19.45	8.33	2.90	0	1	-434	14.18	8.33	2.90	0	1	-433	25.15	8.15	2.90	0	1
-432	23.54	8.15	2.90	0	1	-431	20.53	8.15	2.90	0	1	-430	19.68	8.15	2.90	0	1
-429	19.45	8.15	2.90	0	1	-428	14.18	8.15	2.90	0	1	-427	7.35	8.15	2.90	0	1
-426	0.00	7.94	2.90	0	1	-425	19.45	7.34	2.90	0	1	-424	17.94	7.34	2.90	0	1
-423	17.82	7.34	2.90	0	1	-422	16.72	7.34	2.90	0	1	-421	14.18	7.34	2.90	0	1
-420	10.92	7.34	2.90	0	1	-419	9.01	7.26	2.90	0	1	-418	8.56	7.26	2.90	0	1
-417	7.64	7.26	2.90	0	1	-416	7.35	7.26	2.90	0	1	-415	5.13	7.26	2.90	0	1
-414	25.15	7.14	2.90	0	1	-413	19.45	6.85	2.90	0	1	-412	25.15	6.73	2.90	0	1
-411	0.00	6.70	2.90	0	1	-410	0.00	6.45	2.90	0	1	-409	5.13	6.24	2.90	0	1
-408	25.15	6.14	2.90	0	1	-407	19.45	5.83	2.90	0	1	-406	25.15	5.69	2.90	0	1
-405	23.54	5.69	2.90	0	1	-404	20.47	5.69	2.90	0	1	-403	19.65	5.69	2.90	0	1
-402	19.45	5.69	2.90	0	1	-401	19.03	5.69	2.90	0	1	-400	16.18	5.69	2.90	0	1
-399	15.06	5.69	2.90	0	1	-398	14.18	5.69	2.90	0	1	-397	10.92	5.69	2.90	0	1
-396	9.97	5.69	2.90	0	1	-395	9.01	5.69	2.90	0	1	-394	8.41	5.69	2.90	0	1
-393	7.44	5.69	2.90	0	1	-392	6.73	5.69	2.90	0	1	-391	5.13	5.58	2.90	0	1
-390	4.75	5.58	2.90	0	1	-389	1.05	5.58	2.90	0	1	-388	0.00	5.58	2.90	0	1
-387	19.45	5.24	2.90	0	1	-386	5.13	4.58	2.90	0	1	-385	25.15	4.29	2.90	0	1
-384	14.18	4.15	2.90	0	1	-383	10.92	4.15	2.90	0	1	-382	0.00	3.72	2.90	0	1
-381	25.15	3.17	2.90	0	1	-380	14.18	2.35	2.90	0	1	-379	10.92	2.15	2.90	0	1
-378	19.45	2.10	2.90	0	1	-377	5.13	2.08	2.90	0	1	-376	0.00	1.86	2.90	0	1
-375	5.13	1.21	2.90	0	1	-374	19.45	1.05	2.90	0	1	-373	10.92	1.05	2.90	0	1
-372	5.13	1.00	2.90	0	1	-371	25.15	0.00	2.90	0	1	-370	22.01	0.00	2.90	0	1
-369	20.71	0.00	2.90	0	1	-368	19.45	0.00	2.90	0	1	-367	17.63	0.00	2.90	0	1
-366	16.35	0.00	2.90	0	1	-365	15.72	0.00	2.90	0	1	-364	14.18	0.00	2.90	0	1
-363	13.50	0.00	2.90	0	1	-362	11.63	0.00	2.90	0	1	-361	10.92	0.00	2.90	0	1
-360	9.45	0.00	2.90	0	1	-359	8.86	0.00	2.90	0	1	-358	7.59	0.00	2.90	0	1
-357	5.13	0.00	2.90	0	1	-356	4.52	0.00	2.90	0	1	-355	3.24	0.00	2.90	0	1
-354	0.00	0.00	2.90	0	1	-353	11.66	12.86	2.05	0	1	-352	10.92	12.86	2.05	0	1
-351	9.49	12.86	2.05	0	1	-350	9.05	12.86	2.05	0	1	-349	8.44	12.86	2.05	0	1
-348	8.12	12.86	2.05	0	1	-347	7.35	12.86	2.05	0	1	-346	7.09	12.86	2.05	0	1
-345	6.89	12.86	2.05	0	1	-344	5.79	12.86	2.05	0	1	-343	5.13	12.86	2.05	0	1
-342	4.42	12.86	2.05	0	1	-341	10.92	11.68	2.05	0	1	-340	7.35	11.27	2.05	0	1
-339	7.35	10.66	2.05	0	1	-338	10.92	10.65	2.05	0	1	-337	7.35	10.21	2.05	0	1
-336	5.13	10.21	2.05	0	1	-335	7.35	9.23	2.05	0	1	-334	7.35	8.15	2.05	0	1
-333	10.92	7.34	2.05	0	1	-332	7.64	7.26	2.05	0	1	-331	7.35	7.26	2.05	0	1
-330	5.13	7.26	2.05	0	1	-329	25.15	12.86	2.05	0	1	-328	22.06	12.86	2.05	0	1
-327	20.77	12.86	2.05	0	1	-326	20.27	12.86	2.05	0	1	-325	19.45	12.86	2.05	0	1
-324	16.97	12.86	2.05	0	1	-323	15.72	12.86	2.05	0	1	-322	14.18	12.86	2.05	0	1
-321	13.52	12.86	2.05	0	1	-320	19.45	11.41	2.05	0	1	-319	19.45	10.81	2.05	0	1
-318	19.45	9.95	2.05	0	1	-317	25.15	9.76	2.05	0	1	-316	19.45	9.30	2.05	0	1
-315	14.18	9.30	2.05	0	1	-314	19.45	9.18	2.05	0	1	-313	19.45	8.62	2.05	0	1
-312	25.15	8.47	2.05	0	1	-311	19.45	8.33	2.05	0	1	-310	14.18	8.33	2.05	0	1
-309	25.15	8.15	2.05	0	1	-308	23.54	8.15	2.05	0	1	-307	20.53	8.15	2.05	0	1
-306	19.45	8.15	2.05	0	1	-305	14.18	8.15	2.05	0	1	-304	19.45	7.34	2.05	0	1
-303	17.82	7.34	2.05	0	1	-302	16.72	7.34	2.05	0	1	-301	14.18	7.34	2.05	0	1
-300	25.15	7.14	2.05	0	1	-299	19.45	6.85	2.05	0	1	-298	25.15	6.73	2.05	0	1
-297	25.15	6.14	2.05	0	1	-296	19.45	5.83	2.05	0	1	-295	25.15	5.69	2.05	0	1
-294	23.54	5.69	2.05	0	1	-293	20.47	5.69	2.05	0	1	-292	19.45	5.69	2.05	0	1
-291	19.03	5.69	2.05	0	1	-290	16.18	5.69	2.05	0	1	-289	19.45	5.24	2.05	0	1
-288	25.15	4.29	2.05	0	1	-287	25.15	3.17	2.05	0	1	-286	19.45	2.10	2.05	0	1
-285	19.45	1.05	2.05	0	1	-284	25.15	0.00	2.05	0	1	-283	22.01	0.00	2.05	0	1
-282	20.71	0.00	2.05	0	1	-281	19.45	0.00	2.05	0	1	-280	17.63	0.00	2.05	0	1
-279	9.01	10.77	2.05	0	1	-278	9.01	9.34	2.05	0	1	-277	9.01	7.26	2.05	0	1
-276	8.56	7.26	2.05	0	1	-275	11.66	12.86	1.64	0	1	-274	10.92	12.86	1.64	0	1
-273	9.49	12.86	1.64	0	1	-272	9.05	12.86	1.64	0	1	-271	8.44	12.86	1.64	0	1
-270	8.12	12.86	1.64	0	1	-269	7.35	12.86	1.64	0	1	-268	7.09	12.86	1.64	0	1
-267	6.89	12.86	1.64	0	1	-266	5.79	12.86	1.64	0	1	-265	5.13	12.86	1.64	0	1
-264	4.42	12.86	1.64	0	1	-263	10.92	11.68	1.64	0	1	-262	7.35	11.27	1.64	0	1
-261	7.35	10.66	1.64	0	1	-260	10.92	10.65	1.64	0	1	-259	7.35	10.21	1.64	0	1
-258	5.13	10.21	1.64	0	1	-257	7.35	9.23	1.64	0	1	-256	7.35	8.15	1.64	0	1
-255	10.92	7.34	1.64	0	1	-254	7.64	7.26	1.64	0	1	-253	7.35	7.26	1.64	0	1
-252	5.13	7.26	1.64	0	1	-251	25.15	12.86	1.10	0	1	-250	22.06	12.86	1.10	0	1
-249	20.77	12.86	1.10	0	1	-248	20.27	12.86	1.10	0	1	-247	19.45	12.86	1.10	0	1
-246	16.97	12.86	1.10	0	1	-245	15.72	12.86	1.10	0	1	-244	14.18	12.86	1.10	0	1
-243	13.52	12.86	1.10	0	1	-242	11.66	12.86	1.10	0	1	-241	10.92	12.86	1.10	0	1

-240	9.49	12.86	1.10	0	1	-239	9.05	12.86	1.10	0	1	-238	8.44	12.86	1.10	0	1
-237	8.12	12.86	1.10	0	1	-236	7.35	12.86	1.10	0	1	-235	7.09	12.86	1.10	0	1
-234	6.89	12.86	1.10	0	1	-233	6.03	12.86	1.10	0	1	-232	5.79	12.86	1.10	0	1
-231	5.13	12.86	1.10	0	1	-230	4.42	12.86	1.10	0	1	-229	3.18	12.86	1.10	0	1
-228	0.00	12.86	1.10	0	1	-227	10.92	11.68	1.10	0	1	-226	19.45	11.41	1.10	0	1
-225	7.35	11.27	1.10	0	1	-224	0.00	11.22	1.10	0	1	-223	19.45	10.81	1.10	0	1
-222	9.01	10.77	1.10	0	1	-221	7.35	10.66	1.10	0	1	-220	10.92	10.65	1.10	0	1
-219	7.35	10.21	1.10	0	1	-218	5.13	10.21	1.10	0	1	-217	19.45	9.95	1.10	0	1
-216	25.15	9.76	1.10	0	1	-215	0.00	9.58	1.10	0	1	-214	9.01	9.34	1.10	0	1
-213	19.45	9.30	1.10	0	1	-212	14.18	9.30	1.10	0	1	-211	7.35	9.23	1.10	0	1
-210	19.45	9.18	1.10	0	1	-209	19.45	8.62	1.10	0	1	-208	25.15	8.47	1.10	0	1
-207	19.45	8.33	1.10	0	1	-206	14.18	8.33	1.10	0	1	-205	25.15	8.15	1.10	0	1
-204	23.54	8.15	1.10	0	1	-203	20.53	8.15	1.10	0	1	-202	19.45	8.15	1.10	0	1
-201	14.18	8.15	1.10	0	1	-200	7.35	8.15	1.10	0	1	-199	0.00	7.94	1.10	0	1
-198	19.45	7.34	1.10	0	1	-197	17.82	7.34	1.10	0	1	-196	16.72	7.34	1.10	0	1
-195	14.18	7.34	1.10	0	1	-194	10.92	7.34	1.10	0	1	-193	9.01	7.26	1.10	0	1
-192	8.56	7.26	1.10	0	1	-191	7.64	7.26	1.10	0	1	-190	7.35	7.26	1.10	0	1
-189	5.13	7.26	1.10	0	1	-188	25.15	7.14	1.10	0	1	-187	19.45	6.85	1.10	0	1
-186	25.15	6.73	1.10	0	1	-185	0.00	6.70	1.10	0	1	-184	0.00	6.45	1.10	0	1
-183	5.13	6.24	1.10	0	1	-182	25.15	6.14	1.10	0	1	-181	19.45	5.83	1.10	0	1
-180	25.15	5.69	1.10	0	1	-179	23.54	5.69	1.10	0	1	-178	20.47	5.69	1.10	0	1
-177	19.45	5.69	1.10	0	1	-176	19.03	5.69	1.10	0	1	-175	16.18	5.69	1.10	0	1
-174	15.06	5.69	1.10	0	1	-173	14.18	5.69	1.10	0	1	-172	10.92	5.69	1.10	0	1
-171	9.97	5.69	1.10	0	1	-170	9.01	5.69	1.10	0	1	-169	8.41	5.69	1.10	0	1
-168	7.44	5.69	1.10	0	1	-167	6.73	5.69	1.10	0	1	-166	5.13	5.58	1.10	0	1
-165	4.75	5.58	1.10	0	1	-164	1.05	5.58	1.10	0	1	-163	0.00	5.58	1.10	0	1
-162	19.45	5.24	1.10	0	1	-161	5.13	4.58	1.10	0	1	-160	25.15	4.29	1.10	0	1
-159	14.18	4.15	1.10	0	1	-158	10.92	4.15	1.10	0	1	-157	0.00	3.72	1.10	0	1
-156	25.15	3.17	1.10	0	1	-155	14.18	2.35	1.10	0	1	-154	10.92	2.15	1.10	0	1
-153	19.45	2.10	1.10	0	1	-152	5.13	2.08	1.10	0	1	-151	0.00	1.86	1.10	0	1
-150	19.45	1.05	1.10	0	1	-149	10.92	1.05	1.10	0	1	-148	5.13	1.00	1.10	0	1
-147	25.15	0.00	1.10	0	1	-146	22.01	0.00	1.10	0	1	-145	20.71	0.00	1.10	0	1
-144	19.45	0.00	1.10	0	1	-143	17.63	0.00	1.10	0	1	-142	16.35	0.00	1.10	0	1
-141	15.72	0.00	1.10	0	1	-140	14.18	0.00	1.10	0	1	-139	13.50	0.00	1.10	0	1
-138	11.63	0.00	1.10	0	1	-137	10.92	0.00	1.10	0	1	-136	9.45	0.00	1.10	0	1
-135	8.86	0.00	1.10	0	1	-134	7.59	0.00	1.10	0	1	-133	5.13	0.00	1.10	0	1
-132	4.52	0.00	1.10	0	1	-131	3.24	0.00	1.10	0	1	-130	0.00	0.00	1.10	0	1
-129	9.01	10.77	0.68	0	1	-128	9.01	9.34	0.68	0	1	-127	9.01	7.26	0.68	0	1
-126	8.56	7.26	0.68	0	1	-125	25.15	12.86	0.00	0	3	-124	22.06	12.86	0.00	0	3
-123	20.77	12.86	0.00	0	3	-122	20.27	12.86	0.00	0	3	-121	19.45	12.86	0.00	0	3
-120	16.97	12.86	0.00	0	3	-119	15.72	12.86	0.00	0	3	-118	14.18	12.86	0.00	0	3
-117	13.52	12.86	0.00	0	3	-116	11.66	12.86	0.00	0	3	-115	10.92	12.86	0.00	0	3
-114	9.49	12.86	0.00	0	3	-113	9.05	12.86	0.00	0	3	-112	8.44	12.86	0.00	0	3
-111	8.12	12.86	0.00	0	3	-110	7.35	12.86	0.00	0	3	-109	7.09	12.86	0.00	0	3
-108	6.89	12.86	0.00	0	3	-107	6.03	12.86	0.00	0	3	-106	5.79	12.86	0.00	0	3
-105	5.13	12.86	0.00	0	3	-104	4.42	12.86	0.00	0	3	-103	3.18	12.86	0.00	0	3
-102	0.00	12.86	0.00	0	3	-101	10.92	11.68	0.00	0	3	-100	19.45	11.41	0.00	0	3
-99	7.35	11.27	0.00	0	3	-98	0.00	11.22	0.00	0	3	-97	19.45	10.81	0.00	0	3
-96	9.01	10.77	0.00	0	3	-95	7.35	10.66	0.00	0	3	-94	10.92	10.65	0.00	0	3
-93	7.35	10.21	0.00	0	3	-92	5.13	10.21	0.00	0	3	-91	19.45	9.95	0.00	0	3
-90	25.15	9.76	0.00	0	3	-89	0.00	9.58	0.00	0	3	-88	9.01	9.34	0.00	0	3
-87	19.45	9.30	0.00	0	3	-86	14.18	9.30	0.00	0	3	-85	7.35	9.23	0.00	0	3
-84	19.45	9.18	0.00	0	3	-83	19.45	8.62	0.00	0	3	-82	25.15	8.47	0.00	0	3
-81	19.45	8.33	0.00	0	1	-80	14.18	8.33	0.00	0	3	-79	25.15	8.15	0.00	0	3
-78	23.54	8.15	0.00	0	3	-77	20.53	8.15	0.00	0	3	-76	19.68	8.15	0.00	0	1
-75	19.45	8.15	0.00	0	3	-74	14.18	8.15	0.00	0	3	-73	7.35	8.15	0.00	0	3
-72	0.00	7.94	0.00	0	3	-71	19.45	7.34	0.00	0	3	-70	17.82	7.34	0.00	0	3
-69	16.72	7.34	0.00	0	3	-68	14.18	7.34	0.00	0	3	-67	10.92	7.34	0.00	0	3
-66	9.01	7.26	0.00	0	3	-65	8.56	7.26	0.00	0	3	-64	7.64	7.26	0.00	0	3
-63	7.35	7.26	0.00	0	3	-62	5.13	7.26	0.00	0	3	-61	25.15	7.14	0.00	0	3
-60	19.45	6.85	0.00	0	3	-59	25.15	6.73	0.00	0	3	-58	0.00	6.70	0.00	0	3
-57	0.00	6.45	0.00	0	3	-56	5.13	6.24	0.00	0	3	-55	25.15	6.14	0.00	0	3
-54	19.45	5.83	0.00	0	3	-53	25.15	5.69	0.00	0	3	-52	23.54	5.69	0.00	0	3
-51	20.47	5.69	0.00	0	3	-50	19.65	5.69	0.00	0	3	-49	19.45	5.69	0.00	0	3
-48	19.03	5.69	0.00	0	3	-47	16.18	5.69	0.00	0	3	-46	15.06	5.69	0.00	0	3
-45	14.18	5.69	0.00	0	3	-44	10.92	5.69	0.00	0	3	-43	9.97	5.69	0.00	0	3
-42	9.01	5.69	0.00	0	3	-41	8.41	5.69	0.00	0	3	-40	7.44	5.69	0.00	0	3
-39	6.73	5.69	0.00	0	3	-38	5.13	5.58	0.00	0	3	-37	4.75	5.58	0.00	0	3
-36	1.05	5.58	0.00	0	3	-35	0.00	5.58	0.00	0	3	-34	19.45	5.24	0.00	0	3
-33	5.13	4.58	0.00	0	3	-32	25.15	4.29	0.00	0	3	-31	14.18	4.15	0.00	0	3
-30	10.92	4.15	0.00	0	3	-29	0.00	3.72	0.00	0	3	-28	25.15	3.17	0.00	0	3
-27	14.18	2.35	0.00	0	3	-26	10.92	2.15	0.00	0	3	-25	19.45	2.10	0.00	0	3
-24	5.13	2.08	0.00	0	3	-23	0.00	1.86	0.00	0	3	-22	5.13	1.21	0.00	0	3
-21	19.45	1.05	0.00	0	3	-20	10.92	1.05	0.00	0	3	-19	5.13	1.00	0.00	0	3
-18	25.15	0.00	0.00	0	3	-17	22.01	0.00	0.00	0	3	-16	20.71	0.00	0.00	0	3
-15	19.45	0.00	0.00	0	3	-14	17.63	0.00	0.00	0	3	-13	16.35	0.00	0.00	0	3
-12	15.72	0.00	0.00	0	3	-11	14.18	0.00	0.00	0	3	-10	13.50	0.00	0.00	0	3
-9	11.63	0.00	0.00	0	3	-8	10.92	0.00	0.00	0	3	-7	9.45	0.00	0.00	0	3
-6	8.86	0.00	0.00	0	3	-5	7.59	0.00	0.00	0	3	-4	5.13	0.00	0.00	0	3

-3	4.52	0.00	0.00	0	3	-2	3.24	0.00	0.00	0	3	-1	0.00	0.00	0.00	0	3

Elenco materiali**Simbologia**

Mat. = Numero del materiale
Comm. = Commento
P = Peso specifico
E = Modulo elastico
G = Modulo elastico tangenziale
v = Coeff. di Poisson
 α = Coeff. di dilatazione termica

Mat.	Comm.	P <kN/mc>	E <kN/mq>	G <kN/mq>	v	α
1	Calcestruzzo	25	30000000.00	13000000.00	0.1	1.000000E-05
4	Legname a media elasticità	4.6	12000000.00	750000.00	0.39	4.000000E-06
6	Muratura in pietra disordinata Efess LC2 RINF	19	2344120.00	908583.00	0.25	5.000000E-06
8	Muratura in mattoni pieni Efess, LC1, RINF	18	833333.00	277777.00	0.25	5.000000E-06
10	Muratura in pietrame Efess LC2 betoncino+miscele leganti	20	5860310.00	2271460.00	0.25	5.000000E-06
11	Muratura blocchi semipieni Efess	12	2140000.00	856000.00	0.25	5.000000E-06
13	Muratura in pietra a spacco Efess LC2 diatoni	21	1172060.00	454292.00	0.25	5.000000E-06
14	Muratura in pietra a spacco Efess LC2 diatoni+rete	21	1172060.00	454292.00	0.25	5.000000E-06
17	Muratura in pietra a spacco Efess LC2	21	1172060.00	454292.00	0.25	5.000000E-06
18	Muratura in pietra Efess LC2 tabellati	21	725000.00	241667.00	0.25	5.000000E-06
19	Muratura in pietra Efess LC2 tab mal+diat+iniez	21	1319500.00	439833.00	0.25	5.000000E-06
20	Muratura in pietra Efess LC2 tab mal+diat+iniez+int.arm	21	1715350.00	571783.00	0.25	5.000000E-06
21	Muratura in pietra LC2 tabellati	21	1450000.00	483333.00	0.25	5.000000E-06

Elenco sezioni aste**Simbologia**

Sez. = Numero della sezione
Comm. = Commento
Tipo = Tipologia
2C = Doppia C lato labbri
2Cdx = Doppia C lato costola
2I = Doppia I
2L = Doppia L lato labbri
2Ldx = Doppia L lato costole
C = Sezione a C
Cdx = C destra
Cir. = Circolare
Cir.c = Circolare cava
I = Sezione a I
L = Sezione a L
Ldx = L destra
Om. = Omega
Pg = Pi greco
Pr = Poligono regolare
Prc = Poligono regolare cavo
Pc = Per coordinate
Ia = Inerzie assegnate
R = Rettangolare
Rc = Rettangolare cava
T = Sezione a T
U = Sezione a U
Ur = U rovescia
V = Sezione a V
Vr = V rovescia
Z = Sezione a Z
Zdx = Z destra
Ts = T stondata
Ls = L stondata
Cs = C stondata
Is = I stondata
Dis. = Disegnata
Mem. = Membratura
G = Generica
T = Trave
P = Pilastro
Ver. = Verifica prevista
N = Nessuna
C = Cemento armato
A = Acciaio
L = Legno
B = Base
H = Altezza
R = Raggio
Ma = Numero del materiale

C = Numero del criterio di progetto
Crit. C.I. = Criterio di progetto collegamento iniziale
Crit. C.F. = Criterio di progetto collegamento finale

Sez.	Comm.	Tipo	Mem.	Ver.	B <m>	H <m>	R <m>	Ma	C	Crit. C.I.	Crit. C.F.
1	Sopra apertura in pietra	R	T	N	0.40	0.40		18			
2	Trave di colmo d25	Cir.	T	L			0.13	4	1		
3	Trave puntoni padiglione d32	Cir.	T	L			0.16	4	1		
6	Fond 70x145	R	T	C	0.70	1.45		21	1		
11	Fond 90x145	R	T	C	0.90	1.45		21	1		

Elenco vincoli aste

Simbologia
Va = Numero del vincolo asta
Comm. = Commento
Tipo = Tipologia
SVI = Definizione di vincolamenti interni
ELA = Vincolo su suolo elastico alla Winkler
BIE-RTC = Biella resistente a trazione e a compressione
BIE-RC = Biella resistente solo a compressione
BIE-RT = Biella resistente solo a trazione
Ni = Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)
Tyi = Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Tzi = Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Mxi = Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)
Myi = Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Mzi = Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Nf = Sforzo normale nodo finale (0=sbloccato, 1=bloccato)
Tyf = Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)
Tzf = Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)
Mxf = Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)
Myf = Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)
Mzf = Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <kN/mc>
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	
30	Fondazione	ELA													29350.00

Elenco aste

Simbologia
Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
Sez. = Numero della sezione
Va = Numero del vincolo asta
Par. = Numero dei parametri aggiuntivi
Rot. = Rotazione
FF = Filo fisso
Dy1 = Scost. filo fisso Y1
Dy2 = Scost. filo fisso Y2
Dz1 = Scost. filo fisso Z1
Dz2 = Scost. filo fisso Z2
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF	Dy1 <m>	Dy2 <m>	Dz1 <m>	Dz2 <m>	Kt <kN/mc>
0	-635	-611		1		0.00	11	0.00	0.00	0.00	0.00	
0	-611	-612		1		0.00	11	0.00	0.00	0.00	0.00	
0	-641	-635		1		0.00	11	0.00	0.00	0.00	0.00	
0	-612	-613		1		0.00	11	0.00	0.00	0.00	0.00	
0	-647	-641		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1209	-1185		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1214	-1209		1		0.00	11	0.00	0.00	0.00	0.00	
0	-613	-614		1		0.00	11	0.00	0.00	0.00	0.00	
0	-631	-614		1		0.00	11	0.00	0.00	0.00	0.00	
0	-634	-631		1		0.00	11	0.00	0.00	0.00	0.00	
0	-645	-636		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1185	-1186		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1186	-1187		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1187	-1188		1		0.00	11	0.00	0.00	0.00	0.00	
0	-669	-647		1		0.00	11	0.00	0.00	0.00	0.00	
0	-647	-648		1		0.00	11	0.00	0.00	0.00	0.00	
0	-614	-615		1		0.00	11	0.00	0.00	0.00	0.00	
0	-670	-669		1		0.00	11	0.00	0.00	0.00	0.00	
0	-684	-670		1		0.00	11	0.00	0.00	0.00	0.00	

0	-615	-616		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1205	-1188		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1188	-1189		1		0.00	11	0.00	0.00	0.00	0.00	
0	-648	-649		1		0.00	11	0.00	0.00	0.00	0.00	
0	-649	-650		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1219	-1214		1		0.00	11	0.00	0.00	0.00	0.00	
0	-651	-645		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2060	-2036		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1208	-1205		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2036	-2037		1		0.00	11	0.00	0.00	0.00	0.00	
0	-701	-684		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1219	-1220		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1237	-1235		1		0.00	11	0.00	0.00	0.00	0.00	
0	-636	-634		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1250	-1237		1		0.00	11	0.00	0.00	0.00	0.00	
0	-609	-617		1		0.00	11	0.00	0.00	0.00	0.00	
0	-616	-617		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1210	-1208		1		0.00	11	0.00	0.00	0.00	0.00	
0	-617	-618		1		0.00	11	0.00	0.00	0.00	0.00	
0	-710	-701		1		0.00	11	0.00	0.00	0.00	0.00	
0	-668	-651		1		0.00	11	0.00	0.00	0.00	0.00	
0	-652	-651		1		0.00	11	0.00	0.00	0.00	0.00	
0	-673	-668		1		0.00	11	0.00	0.00	0.00	0.00	
0	-673	-674		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2065	-2060		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2036	-2171		1		0.00	33	0.00	0.00	0.00	0.00	
0	-2070	-2065		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1217	-1210		1		0.00	11	0.00	0.00	0.00	0.00	
0	-618	-632		1		0.00	11	0.00	0.00	0.00	0.00	
0	-632	-638		1		0.00	11	0.00	0.00	0.00	0.00	
0	-620	-621		1		0.00	11	0.00	0.00	0.00	0.00	
0	-675	-676		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2037	-2038		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2038	-2039		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2056	-2039		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1235	-1219		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1268	-1250		1		0.00	11	0.00	0.00	0.00	0.00	
0	-650	-651		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2039	-2040		1		0.00	11	0.00	0.00	0.00	0.00	
0	-704	-673		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1220	-1221		1		0.00	11	0.00	0.00	0.00	0.00	
0	-653	-674		1		0.00	11	0.00	0.00	0.00	0.00	
0	-350	-349		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2085	-2070		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2059	-2056		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2090	-2085		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1222	-1217		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2071	-2072		1		0.00	11	0.00	0.00	0.00	0.00	
0	-619	-620		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2068	-2061		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1190	-1191		1		0.00	11	0.00	0.00	0.00	0.00	
0	-639	-623		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1191	-1192		1		0.00	11	0.00	0.00	0.00	0.00	
0	-642	-657		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2061	-2059		1		0.00	11	0.00	0.00	0.00	0.00	
0	-714	-710		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1277	-1268		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2103	-2090		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2120	-2103		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2129	-2120		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2133	-2180		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1234	-1222		1		0.00	11	0.00	0.00	0.00	0.00	
0	-618	-619		1		0.00	11	0.00	0.00	0.00	0.00	
0	-609	-610		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1189	-1190		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1192	-1193		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1192	-1206		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1193	-1194		1		0.00	11	0.00	0.00	0.00	0.00	
0	-653	-652		1		0.00	11	0.00	0.00	0.00	0.00	
0	-638	-642		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2073	-2074		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2133	-2129		1		0.00	11	0.00	0.00	0.00	0.00	
0	-621	-622		1		0.00	11	0.00	0.00	0.00	0.00	
0	-623	-624		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1206	-1212		1		0.00	11	0.00	0.00	0.00	0.00	
0	-624	-625		1		0.00	11	0.00	0.00	0.00	0.00	
0	-643	-639		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1313	-1314		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1194	-1195		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1314	-1315		1		0.00	11	0.00	0.00	0.00	0.00	
0	-654	-653		1		0.00	11	0.00	0.00	0.00	0.00	
0	-676	-677		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2041	-2042		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1195	-1196		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1315	-1316		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1316	-1317		1		0.00	11	0.00	0.00	0.00	0.00	
0	-655	-654		1		0.00	11	0.00	0.00	0.00	0.00	
0	-674	-685		1		0.00	11	0.00	0.00	0.00	0.00	
0	-656	-655		1		0.00	11	0.00	0.00	0.00	0.00	
0	-67	-338		1		0.00	11	0.00	0.00	0.00	0.00	
0	-655	-677		1		0.00	11	0.00	0.00	0.00	0.00	
0	-339	-674		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2040	-2041		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1221	-1222		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1223	-1222		1		0.00	11	0.00	0.00	0.00	0.00	
0	-622	-623		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2044	-2045		1		0.00	11	0.00	0.00	0.00	0.00	
0	-456	-457		1		0.00	11	0.00	0.00	0.00	0.00	
0	-685	-697		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1224	-1223		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2172	-2173		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1319	-1320		1		0.00	11	0.00	0.00	0.00	0.00	
0	-677	-700		1		0.00	11	0.00	0.00	0.00	0.00	
0	-705	-707		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1271	-1240		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1224	-1241		1		0.00	11	0.00	0.00	0.00	0.00	
0	-715	-714		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2070	-2071		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2072	-2073		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1312	-1313		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1212	-1215		1		0.00	11	0.00	0.00	0.00	0.00	
0	-686	-679		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2042	-2043		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2043	-2057		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1281	-1277		1		0.00	11	0.00	0.00	0.00	0.00	
0	-347	-340		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1226	-1225		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2084	-2073		1		0.00	11	0.00	0.00	0.00	0.00	
0	-610	-624		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1312	-1326		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1326	-1331		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1196	-1197		1		0.00	11	0.00	0.00	0.00	0.00	
0	-674	-675		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2043	-2044		1		0.00	11	0.00	0.00	0.00	0.00	
0	-697	-705		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2171	-2180		1		0.00	33	0.00	0.00	0.00	0.00	
0	-657	-656		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1225	-1224		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2073	-2068		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1331	-1334		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2057	-2063		1		0.00	11	0.00	0.00	0.00	0.00	
0	-947	-948		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1197	-1198		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2046	-2047		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1227	-1226		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1334	-1347		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2043	-2177		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1282	-1281		1		0.00	11	0.00	0.00	0.00	0.00	
0	-625	-626		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1317	-1318		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1198	-1199		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1318	-1319		1		0.00	11	0.00	0.00	0.00	0.00	
0	-717	-704		1		0.00	11	0.00	0.00	0.00	0.00	
0	-677	-678		1		0.00	11	0.00	0.00	0.00	0.00	
0	-657	-678		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2045	-2046		1		0.00	11	0.00	0.00	0.00	0.00	
0	-340	-339		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2094	-2104		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1201	-1207		1		0.00	11	0.00	0.00	0.00	0.00	
0	-348	-347		1		0.00	11	0.00	0.00	0.00	0.00	
0	-349	-348		1		0.00	11	0.00	0.00	0.00	0.00	
0	-707	-711		1		0.00	11	0.00	0.00	0.00	0.00	
0	-911	-1241		1		0.00	11	0.00	0.00	0.00	0.00	
0	-716	-715		1		0.00	11	0.00	0.00	0.00	0.00	
0	-717	-716		1		0.00	11	0.00	0.00	0.00	0.00	
0	-657	-658		1		0.00	11	0.00	0.00	0.00	0.00	
0	-718	-717		1		0.00	11	0.00	0.00	0.00	0.00	
0	-719	-718		1		0.00	11	0.00	0.00	0.00	0.00	

0	-720	-719		1		0.00	11	0.00	0.00	0.00	0.00	
0	-711	-722		1		0.00	11	0.00	0.00	0.00	0.00	
0	-721	-720		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1283	-1282		1		0.00	11	0.00	0.00	0.00	0.00	
0	-700	-708		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1240	-1234		1		0.00	11	0.00	0.00	0.00	0.00	
0	-678	-706		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1241	-1242		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1242	-1267		1		0.00	11	0.00	0.00	0.00	0.00	
0	-658	-679		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1327	-1330		1		0.00	11	0.00	0.00	0.00	0.00	
0	-352	-351		1		0.00	11	0.00	0.00	0.00	0.00	
0	-913	-911		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2134	-2133		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1251	-1264		1		0.00	11	0.00	0.00	0.00	0.00	
0	-678	-679		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1228	-1227		1		0.00	11	0.00	0.00	0.00	0.00	
0	-626	-627		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1200	-1201		1		0.00	11	0.00	0.00	0.00	0.00	
0	-658	-643		1		0.00	11	0.00	0.00	0.00	0.00	
0	-722	-721		1		0.00	11	0.00	0.00	0.00	0.00	
0	-723	-722		1		0.00	11	0.00	0.00	0.00	0.00	
0	-338	-341		1		0.00	11	0.00	0.00	0.00	0.00	
0	-341	-352		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2171	-2172		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1240	-1241		1		0.00	11	0.00	0.00	0.00	0.00	
0	-706	-713		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2174	-2039		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1241	-1251		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1286	-1285		1		0.00	11	0.00	0.00	0.00	0.00	
0	-678	-910		1		0.00	11	0.00	0.00	0.00	0.00	
0	-659	-658		1		0.00	11	0.00	0.00	0.00	0.00	
0	-725	-724		1		0.00	11	0.00	0.00	0.00	0.00	
0	-713	-725		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2093	-2086		1		0.00	11	0.00	0.00	0.00	0.00	
0	-628	-629		1		0.00	11	0.00	0.00	0.00	0.00	
0	-351	-350		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1226	-1242		1		0.00	11	0.00	0.00	0.00	0.00	
0	-726	-725		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2074	-2075		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1264	-1272		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2086	-2084		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1272	-1274		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1287	-1286		1		0.00	11	0.00	0.00	0.00	0.00	
0	-910	-915		1		0.00	11	0.00	0.00	0.00	0.00	
0	-692	-686		1		0.00	11	0.00	0.00	0.00	0.00	
0	-698	-692		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2093	-2094		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2123	-2093		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1215	-1228		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1228	-1243		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2075	-2094		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1360	-1347		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2075	-2076		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1267	-1275		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1243	-1273		1		0.00	11	0.00	0.00	0.00	0.00	
0	-680	-681		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2063	-2066		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2077	-2095		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2136	-2135		1		0.00	11	0.00	0.00	0.00	0.00	
0	-659	-660		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2047	-2048		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2077	-2078		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2078	-2079		1		0.00	11	0.00	0.00	0.00	0.00	
0	-924	-913		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1284	-1271		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1274	-1278		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2136	-2175		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2094	-2095		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1647	-2094		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1199	-1200		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1285	-1284		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2135	-2134		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1242	-1243		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1650	-1647		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2116	-2124		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2126	-2130		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2137	-2136		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1243	-1244		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1360	-1361		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1244	-1245		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2066	-2079		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1243	-1646		1		0.00	11	0.00	0.00	0.00	0.00	
0	-627	-628		1		0.00	11	0.00	0.00	0.00	0.00	
0	-633	-637		1		0.00	11	0.00	0.00	0.00	0.00	
0	-297	-298		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2049	-2050		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2050	-2051		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1284	-1283		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1201	-1202		1		0.00	11	0.00	0.00	0.00	0.00	
0	-925	-924		1		0.00	11	0.00	0.00	0.00	0.00	
0	-927	-926		1		0.00	11	0.00	0.00	0.00	0.00	
0	-928	-927		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2136	-2123		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1320	-1321		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1278	-1289		1		0.00	11	0.00	0.00	0.00	0.00	
0	-661	-660		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2095	-2096		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1273	-1280		1		0.00	11	0.00	0.00	0.00	0.00	
0	-646	-662		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2048	-2049		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2052	-2053		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1361	-1362		1		0.00	11	0.00	0.00	0.00	0.00	
0	-926	-925		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1258	-1252		1		0.00	11	0.00	0.00	0.00	0.00	
0	-727	-726		1		0.00	11	0.00	0.00	0.00	0.00	
0	-662	-667		1		0.00	11	0.00	0.00	0.00	0.00	
0	-730	-698		1		0.00	11	0.00	0.00	0.00	0.00	
0	-728	-727		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2076	-2077		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2079	-2087		1		0.00	11	0.00	0.00	0.00	0.00	
0	-915	-928		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2095	-2119		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1280	-1292		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1265	-1262		1		0.00	11	0.00	0.00	0.00	0.00	
0	-662	-661		1		0.00	11	0.00	0.00	0.00	0.00	
0	-682	-683		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1229	-1236		1		0.00	11	0.00	0.00	0.00	0.00	
0	-729	-728		1		0.00	11	0.00	0.00	0.00	0.00	
0	-730	-729		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2104	-2116		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2182	-2176		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2087	-2096		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2177	-2183		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2124	-2126		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2183	-2164		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2051	-2052		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1288	-1287		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1289	-1288		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2119	-2127		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1661	-1650		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2138	-2137		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2139	-2138		1		0.00	11	0.00	0.00	0.00	0.00	
0	-637	-646		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2096	-2097		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1663	-1662		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2130	-2141		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2140	-2139		1		0.00	11	0.00	0.00	0.00	0.00	
0	-627	-633		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1321	-1327		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1290	-1289		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2142	-2141		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1207	-1211		1		0.00	11	0.00	0.00	0.00	0.00	
0	-679	-680		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2176	-2141		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2141	-2140		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1664	-1663		1		0.00	11	0.00	0.00	0.00	0.00	
0	-629	-630		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1203	-1204		1		0.00	11	0.00	0.00	0.00	0.00	
0	-681	-682		1		0.00	11	0.00	0.00	0.00	0.00	
0	-663	-662		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1295	-1294		1		0.00	11	0.00	0.00	0.00	0.00	
0	-667	-671		1		0.00	11	0.00	0.00	0.00	0.00	
0	-630	-640		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1202	-1203		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2052	-2178		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1262	-1258		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1292	-1291		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1293	-1292		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1297	-1265		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2096	-2125		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1296	-1295		1		0.00	11	0.00	0.00	0.00	0.00	
0	-733	-732		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2097	-2098		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2143	-2142		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2144	-2143		1		0.00	11	0.00	0.00	0.00	0.00	
0	-51	-294		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2125	-2132		1		0.00	11	0.00	0.00	0.00	0.00	
0	-683	-687		1		0.00	11	0.00	0.00	0.00	0.00	
0	-687	-693		1		0.00	11	0.00	0.00	0.00	0.00	
0	-688	-687		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2164	-2165		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2111	-2105		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2165	-2166		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1662	-1661		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1652	-1664		1		0.00	11	0.00	0.00	0.00	0.00	
0	-671	-683		1		0.00	11	0.00	0.00	0.00	0.00	
0	-693	-695		1		0.00	11	0.00	0.00	0.00	0.00	
0	-688	-689		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1211	-1218		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2052	-2058		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1252	-1245		1		0.00	11	0.00	0.00	0.00	0.00	
0	-695	-696		1		0.00	11	0.00	0.00	0.00	0.00	
0	-696	-699		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2164	-2144		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1362	-1363		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1246	-1247		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2105	-2098		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1330	-1337		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1294	-1293		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1646	-1652		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2145	-2144		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2146	-2145		1		0.00	11	0.00	0.00	0.00	0.00	
0	-664	-663		1		0.00	11	0.00	0.00	0.00	0.00	
0	-699	-703		1		0.00	11	0.00	0.00	0.00	0.00	
0	-294	-295		1		0.00	11	0.00	0.00	0.00	0.00	
0	-308	-689		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2117	-2111		1		0.00	11	0.00	0.00	0.00	0.00	
0	-664	-878		1		0.00	11	0.00	0.00	0.00	0.00	
0	-709	-712		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1245	-1246		1		0.00	11	0.00	0.00	0.00	0.00	
0	-665	-664		1		0.00	11	0.00	0.00	0.00	0.00	
0	-300	-309		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2053	-2054		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1218	-1229		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1230	-1229		1		0.00	11	0.00	0.00	0.00	0.00	
0	-703	-709		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1247	-1248		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1363	-1364		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2098	-2099		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2147	-2146		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1236	-1238		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1238	-1249		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2062	-2069		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1365	-1366		1		0.00	11	0.00	0.00	0.00	0.00	
0	-731	-730		1		0.00	11	0.00	0.00	0.00	0.00	
0	-732	-731		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1297	-1296		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2132	-2144		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2149	-2157		1		0.00	11	0.00	0.00	0.00	0.00	
0	-295	-297		1		0.00	11	0.00	0.00	0.00	0.00	
0	-298	-300		1		0.00	11	0.00	0.00	0.00	0.00	
0	-309	-308		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1364	-1365		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2160	-2166		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1231	-1230		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1337	-1348		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1348	-1354		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1248	-1249		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1298	-1297		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2148	-2147		1		0.00	11	0.00	0.00	0.00	0.00	
0	-666	-665		1		0.00	11	0.00	0.00	0.00	0.00	
0	-690	-689		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2058	-2062		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1354	-1356		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1356	-1366		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1253	-1259		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1232	-1231		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1231	-1613		1		0.00	11	0.00	0.00	0.00	0.00	
0	-735	-734		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2149	-2148		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1254	-1253		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1259	-1261		1		0.00	11	0.00	0.00	0.00	0.00	
0	-640	-644		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1204	-1213		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2054	-2055		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1249	-1253		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1255	-1254		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1261	-1263		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1263	-1266		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2081	-2080		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1270	-1276		1		0.00	11	0.00	0.00	0.00	0.00	
0	-672	-691		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2166	-2167		1		0.00	11	0.00	0.00	0.00	0.00	
0	-878	-879		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2064	-2067		1		0.00	11	0.00	0.00	0.00	0.00	
0	-712	-733		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1266	-1270		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1256	-1255		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2101	-2102		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2088	-2091		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1213	-1216		1		0.00	11	0.00	0.00	0.00	0.00	
0	-734	-733		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2069	-2080		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1299	-1298		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2149	-2117		1		0.00	11	0.00	0.00	0.00	0.00	
0	-644	-666		1		0.00	11	0.00	0.00	0.00	0.00	
0	-898	-1255		1		0.00	11	0.00	0.00	0.00	0.00	
0	-736	-735		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1276	-1279		1		0.00	11	0.00	0.00	0.00	0.00	
0	-691	-694		1		0.00	11	0.00	0.00	0.00	0.00	
0	-737	-736		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2099	-2100		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2100	-2101		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2091	-2102		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1300	-1299		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2150	-2149		1		0.00	11	0.00	0.00	0.00	0.00	
0	-691	-690		1		0.00	11	0.00	0.00	0.00	0.00	
0	-879	-883		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2102	-2106		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2082	-2081		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1279	-1300		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2114	-2115		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2108	-2107		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2151	-2150		1		0.00	11	0.00	0.00	0.00	0.00	
0	-694	-702		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1216	-1233		1		0.00	11	0.00	0.00	0.00	0.00	
0	-899	-898		1		0.00	11	0.00	0.00	0.00	0.00	
0	-702	-737		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2167	-2168		1		0.00	11	0.00	0.00	0.00	0.00	
0	-883	-899		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2080	-2088		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2168	-2169		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2055	-2064		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2106	-2112		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2107	-2106		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2112	-2114		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2169	-2170		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2118	-2122		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2122	-2128		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1233	-1232		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1257	-1256		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2178	-2184		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2184	-2170		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2115	-2118		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2170	-2161		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2161	-2159		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1613	-1614		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2083	-2082		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1633	-2108		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2109	-2108		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2163	-2162		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2128	-2131		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2158	-2152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1462	-1468		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1239	-1257		1		0.00	11	0.00	0.00	0.00	0.00	

Fascicolo dei calcoli

0	-2067	-2083		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2152	-2151		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1257	-1260		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1614	-1618		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1618	-1634		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2083	-2179		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2083	-2089		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1634	-1633		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2110	-2163		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2131	-2152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2089	-2092		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2110	-2109		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1301	-1300		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2153	-2152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2092	-2110		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1302	-1301		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2154	-2153		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1260	-1269		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1269	-1304		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2110	-2113		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1303	-1302		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1304	-1303		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2113	-2121		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2155	-2154		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2121	-2156		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2156	-2155		1		0.00	11	0.00	0.00	0.00	0.00	
402	-2180	-2181	2	1		0.00	44	0.00	0.00	0.00	0.00	
402	-2181	-2182	2	1		0.00	88	0.00	0.00	0.00	0.00	
402	-2182	-2183	2	1		0.00	88	0.00	0.00	0.00	0.00	
402	-2183	-2184	2	1		0.00	88	0.00	0.00	0.00	0.00	
403	-2162	-2161	1	1		0.00	11	0.00	0.00	0.00	0.00	
406	-2181	-2174	1	1		0.00	11	0.00	0.00	0.00	0.00	
409	-2157	-2160	1	1		0.00	11	0.00	0.00	0.00	0.00	
410	-2159	-2158	1	1		0.00	11	0.00	0.00	0.00	0.00	
412	-2055	-2179	3	1		0.00	88	0.00	0.00	0.00	0.00	
412	-2179	-2184	3	1		0.00	88	0.00	0.00	0.00	0.00	
413	-2173	-2174	1	1		0.00	11	0.00	0.00	0.00	0.00	
415	-2163	-2184	3	1		0.00	88	0.00	0.00	0.00	0.00	
415	-2156	-2163	3	1		0.00	88	0.00	0.00	0.00	0.00	
422	-2175	-2181	1	1		0.00	11	0.00	0.00	0.00	0.00	
601	-1	-2	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-2	-3	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-3	-4	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-4	-5	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-5	-6	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-6	-7	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-7	-8	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-8	-9	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-9	-10	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-10	-11	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-11	-12	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-12	-13	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-13	-14	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-14	-15	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-15	-16	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-16	-17	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-17	-18	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
603	-76	-75	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-77	-76	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-78	-77	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-79	-78	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
604	-103	-102	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-104	-103	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-105	-104	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-106	-105	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-107	-106	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-108	-107	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-109	-108	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-110	-109	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-111	-110	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-112	-111	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-113	-112	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-114	-113	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-115	-114	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-116	-115	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-117	-116	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-118	-117	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-119	-118	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-120	-119	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00

604	-121	-120	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-122	-121	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-123	-122	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-124	-123	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-125	-124	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-23	-1	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-29	-23	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-35	-29	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-57	-35	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-58	-57	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-72	-58	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-89	-72	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-98	-89	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-102	-98	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
606	-19	-4	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-22	-19	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-24	-22	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-33	-24	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-38	-33	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-56	-38	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-62	-56	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-92	-62	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-105	-92	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
607	-63	-73	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-73	-85	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-85	-93	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-93	-95	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-95	-99	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-99	-110	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
608	-8	-20	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-20	-26	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-26	-30	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-30	-44	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-44	-67	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-67	-94	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-94	-101	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-101	-115	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-27	-11	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-31	-27	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-45	-31	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-68	-45	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-74	-68	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-80	-74	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-86	-80	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-118	-86	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-15	-21	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-21	-25	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-25	-34	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-34	-49	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-49	-54	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-54	-60	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-60	-71	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-71	-75	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-75	-81	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-81	-83	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-83	-84	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-84	-87	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-87	-91	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-91	-97	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-97	-100	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-100	-121	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
611	-18	-28	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-28	-32	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-32	-53	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-53	-55	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-55	-59	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-59	-61	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-61	-79	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-79	-82	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-82	-90	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-90	-125	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
613	-35	-36	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-36	-37	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-37	-38	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-39	-38	6	30		0.00	11	-0.10	-0.20	0.00	0.00	29350.00
613	-40	-39	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-41	-40	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-42	-41	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-43	-42	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00

613	-44	-43	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-45	-44	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-46	-45	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-47	-46	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-48	-47	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-49	-48	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-50	-49	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-51	-50	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-52	-51	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-53	-52	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-62	-63	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-63	-64	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-64	-65	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-65	-66	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-66	-67	6	30		0.00	11	0.00	-0.07	0.00	0.00	29350.00
614	-67	-68	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-68	-69	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-69	-70	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-70	-71	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
616	-66	-88	6	30		0.00	11	-0.07	-0.07	0.00	0.00	29350.00
616	-88	-96	6	30		0.00	11	-0.07	-0.07	0.00	0.00	29350.00
616	-96	-113	6	30		0.00	11	-0.07	-0.07	0.00	0.00	29350.00

Elenco tipi elementi bidimensionali

Simbologia
Tb = Numero del tipo muro/elemento bidimensionale
Comm. = Commento
Tipo = Tipologia
F = Membranale e Flessionale
M = Membranale
W-RC = Winkler resistente solo a compressione
W-RTC = Winkler resistente a trazione e a compressione
Uso = Utilizzo
G = Generico
P = Parete
S = Soletta/Platea
N = Nucleo
M = Muratura ordinaria
L = Pilastro
MA = Muratura armata
X = Pannello X-LAM
Mat. = Numero del materiale
Crit. = Numero del criterio di progetto
Spess. = Spessore
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <m>	Kt <kN/mc>
10	M 17	F	G	18	3	0.17	
25	M 15	F	M	18	13	0.15	
29	M 36	F	M	18	13	0.36	
36	M 12 tramezzo	F	G	18	3	0.12	
59	M 15 vano scale	F	G	18	3	0.15	
60	M 45 no res	F	G	18	3	0.45	
63	M 65 (pietra)	F	M	18	13	0.65	
64	M 60 (pietra)	F	M	18	13	0.60	
65	M 40 (pietra)	F	M	18	13	0.40	
66	M 32 (pietra)	F	M	18	13	0.32	
67	M 55 (pietra)	F	M	18	13	0.55	
68	M 45 (pietra)	F	M	18	13	0.45	
69	M 50 (pietra)	F	M	18	13	0.50	
76	M 60 (pietra) nc	F	G	18	3	0.60	
77	M 30 sottofinestra (pietra)	F	M	18	13	0.30	
80	M 15 (pietra)	F	M	18	13	0.15	
81	M 30 (pietra)	F	M	18	13	0.30	
82	M 25 (pietra)	F	M	18	13	0.25	

Elenco elementi bidimensionali

Simbologia
Bid. = Numero del muro/elemento bidimensionale
Tb = Numero del tipo muro/elemento bidimensionale
FF = Filo fisso
Dy1 = Scost. filo fisso Y1
Dy2 = Scost. filo fisso Y2
Kt = Coeff. di sottofondo su suolo elastico alla Winkler
NN = Nodi

Bid.	Tb	FF	Dy1	Dy2	Kt	NN

			<m>	<m>	<kN/mc>	
121	63	11	0.00	0.00		-1 -2 -131 -130
121	63	11	0.00	0.00		-3 -4 -133 -132
121	63	11	0.00	0.00		-4 -5 -134 -133
121	63	11	0.00	0.00		-6 -7 -136 -135
121	63	11	0.00	0.00		-10 -11 -140 -139
121	63	11	0.00	0.00		-14 -15 -144 -143
121	63	11	0.00	0.00		-17 -18 -147 -146
121	63	11	0.00	0.00		-141 -142 -366 -365
121	63	11	0.00	0.00		-484 -485 -616 -615
121	63	11	0.00	0.00		-488 -489 -620 -619
121	63	11	0.00	0.00		-489 -490 -621 -620
121	63	11	0.00	0.00		-490 -491 -622 -621
121	63	11	0.00	0.00		-146 -147 -284 -283
121	63	11	0.00	0.00		-16 -17 -146 -145
121	63	11	0.00	0.00		-280 -281 -368 -367
121	63	11	0.00	0.00		-281 -282 -369 -368
121	63	11	0.00	0.00		-367 -368 -496 -495
121	63	11	0.00	0.00		-137 -138 -362 -361
121	63	11	0.00	0.00		-15 -16 -145 -144
121	63	11	0.00	0.00		-140 -141 -365 -364
121	63	11	0.00	0.00		-364 -365 -493 -492
121	63	11	0.00	0.00		-144 -145 -282 -281
121	63	11	0.00	0.00		-370 -371 -499 -498
121	63	11	0.00	0.00		-498 -499 -630 -629
121	63	11	0.00	0.00		-369 -370 -498 -497
121	63	11	0.00	0.00		-497 -498 -629 -628
121	63	11	0.00	0.00		-358 -359 -485 -484
121	63	11	0.00	0.00		-494 -495 -626 -625
121	63	11	0.00	0.00		-366 -367 -495 -494
121	63	11	0.00	0.00		-13 -14 -143 -142
121	63	11	0.00	0.00		-7 -8 -137 -136
121	63	11	0.00	0.00		-8 -9 -138 -137
121	63	11	0.00	0.00		-483 -484 -615 -614
121	63	11	0.00	0.00		-485 -486 -617 -616
121	63	11	0.00	0.00		-136 -137 -361 -360
121	63	11	0.00	0.00		-360 -361 -487 -486
121	63	11	0.00	0.00		-11 -12 -141 -140
121	63	11	0.00	0.00		-354 -355 -481 -480
121	63	11	0.00	0.00		-132 -133 -357 -356
121	63	11	0.00	0.00		-356 -357 -483 -482
121	63	11	0.00	0.00		-133 -134 -358 -357
121	63	11	0.00	0.00		-357 -358 -484 -483
121	63	11	0.00	0.00		-135 -136 -360 -359
121	63	11	0.00	0.00		-359 -360 -486 -485
121	63	11	0.00	0.00		-139 -140 -364 -363
121	63	11	0.00	0.00		-363 -364 -492 -491
121	63	11	0.00	0.00		-143 -144 -281 -280
121	63	11	0.00	0.00		-482 -483 -614 -613
121	63	11	0.00	0.00		-355 -356 -482 -481
121	63	11	0.00	0.00		-5 -6 -135 -134
121	63	11	0.00	0.00		-361 -362 -488 -487
121	63	11	0.00	0.00		-495 -496 -627 -626
121	63	11	0.00	0.00		-487 -488 -619 -618
121	63	11	0.00	0.00		-368 -369 -497 -496
121	63	11	0.00	0.00		-2 -3 -132 -131
121	63	11	0.00	0.00		-496 -497 -628 -627
121	63	11	0.00	0.00		-481 -482 -613 -612
121	63	11	0.00	0.00		-365 -366 -494 -493
121	63	11	0.00	0.00		-491 -492 -623 -622
121	63	11	0.00	0.00		-486 -487 -618 -617
121	63	11	0.00	0.00		-283 -284 -371 -370
121	63	11	0.00	0.00		-480 -481 -612 -611
121	63	11	0.00	0.00		-493 -494 -625 -624
121	63	11	0.00	0.00		-130 -131 -355 -354
121	63	11	0.00	0.00		-12 -13 -142 -141
121	63	11	0.00	0.00		-492 -493 -624 -623
122	63	11	0.00	0.00		-300 -309 -433 -414
122	63	11	0.00	0.00		-188 -205 -309 -300
122	67	11	0.00	0.00		-156 -160 -288 -287
122	63	11	0.00	0.00		-186 -188 -300 -298
122	67	11	0.00	0.00		-182 -186 -298 -297
122	67	11	0.00	0.00		-28 -32 -160 -156
122	63	11	0.00	0.00		-55 -59 -186 -182
122	63	11	0.00	0.00		-205 -208 -312 -309
122	63	11	0.00	0.00		-53 -55 -182 -180
122	63	11	0.00	0.00		-79 -82 -208 -205
122	63	11	0.00	0.00		-408 -412 -600 -599
122	63	11	0.00	0.00		-284 -287 -381 -371

Fascicolo dei calcoli

122	63	11	0.00	0.00		-309	-312	-436	-433
122	63	11	0.00	0.00		-59	-61	-188	-186
122	63	11	0.00	0.00		-90	-125	-251	-216
122	67	11	0.00	0.00		-180	-182	-297	-295
122	63	11	0.00	0.00		-601	-602	-691	-672
122	63	11	0.00	0.00		-436	-444	-604	-603
122	63	11	0.00	0.00		-147	-156	-287	-284
122	63	11	0.00	0.00		-160	-180	-295	-288
122	63	11	0.00	0.00		-433	-436	-603	-602
122	63	11	0.00	0.00		-602	-603	-694	-691
122	63	11	0.00	0.00		-604	-608	-737	-702
122	63	11	0.00	0.00		-295	-297	-408	-406
122	63	11	0.00	0.00		-596	-597	-644	-640
122	63	11	0.00	0.00		-385	-406	-598	-597
122	63	11	0.00	0.00		-298	-300	-414	-412
122	63	11	0.00	0.00		-406	-408	-599	-598
122	63	11	0.00	0.00		-297	-298	-412	-408
122	63	11	0.00	0.00		-216	-251	-329	-317
122	63	11	0.00	0.00		-371	-381	-596	-499
122	63	11	0.00	0.00		-499	-596	-640	-630
122	63	11	0.00	0.00		-61	-79	-205	-188
122	63	11	0.00	0.00		-414	-433	-602	-601
122	63	11	0.00	0.00		-317	-329	-479	-444
122	63	11	0.00	0.00		-288	-295	-406	-385
122	63	11	0.00	0.00		-32	-53	-180	-160
122	63	11	0.00	0.00		-444	-479	-608	-604
122	63	11	0.00	0.00		-381	-385	-597	-596
122	63	11	0.00	0.00		-18	-28	-156	-147
122	67	11	0.00	0.00		-287	-288	-385	-381
122	63	11	0.00	0.00		-603	-604	-702	-694
122	63	11	0.00	0.00		-597	-598	-666	-644
122	63	11	0.00	0.00		-412	-414	-601	-600
123	63	11	0.00	0.00		-605	-595	-733	-734
123	63	11	0.00	0.00		-115	-114	-240	-241
123	63	11	0.00	0.00		-607	-606	-735	-736
123	63	11	0.00	0.00		-584	-583	-721	-722
123	63	11	0.00	0.00		-350	-349	-466	-467
123	63	11	0.00	0.00		-272	-271	-349	-350
123	63	11	0.00	0.00		-109	-108	-234	-235
123	63	11	0.00	0.00		-251	-250	-328	-329
123	63	11	0.00	0.00		-351	-350	-467	-468
123	63	11	0.00	0.00		-112	-111	-237	-238
123	63	11	0.00	0.00		-236	-235	-268	-269
123	63	11	0.00	0.00		-583	-582	-720	-721
123	63	11	0.00	0.00		-474	-473	-593	-594
123	63	11	0.00	0.00		-594	-593	-731	-732
123	63	11	0.00	0.00		-478	-477	-606	-607
123	63	11	0.00	0.00		-592	-591	-729	-730
123	63	11	0.00	0.00		-464	-463	-583	-584
123	63	11	0.00	0.00		-461	-460	-580	-581
123	63	11	0.00	0.00		-113	-112	-238	-239
123	63	11	0.00	0.00		-232	-231	-265	-266
123	63	11	0.00	0.00		-275	-274	-352	-353
123	63	11	0.00	0.00		-469	-468	-586	-587
123	63	11	0.00	0.00		-273	-272	-350	-351
123	63	11	0.00	0.00		-349	-348	-465	-466
123	63	11	0.00	0.00		-121	-120	-246	-247
123	63	11	0.00	0.00		-343	-342	-458	-459
123	63	11	0.00	0.00		-274	-273	-351	-352
123	63	11	0.00	0.00		-125	-124	-250	-251
123	63	11	0.00	0.00		-123	-122	-248	-249
123	63	11	0.00	0.00		-119	-118	-244	-245
123	63	11	0.00	0.00		-244	-243	-321	-322
123	63	11	0.00	0.00		-588	-587	-725	-726
123	63	11	0.00	0.00		-106	-105	-231	-232
123	63	11	0.00	0.00		-105	-104	-230	-231
123	63	11	0.00	0.00		-348	-347	-464	-465
123	63	11	0.00	0.00		-459	-458	-578	-579
123	63	11	0.00	0.00		-579	-578	-716	-717
123	63	11	0.00	0.00		-116	-115	-241	-242
123	63	11	0.00	0.00		-587	-586	-724	-725
123	63	11	0.00	0.00		-462	-461	-581	-582
123	63	11	0.00	0.00		-582	-581	-719	-720
123	63	11	0.00	0.00		-472	-471	-591	-592
123	63	11	0.00	0.00		-585	-584	-722	-723
123	63	11	0.00	0.00		-248	-247	-325	-326
123	63	11	0.00	0.00		-120	-119	-245	-246
123	63	11	0.00	0.00		-268	-267	-345	-346
123	63	11	0.00	0.00		-346	-345	-462	-463

123	63	11	0.00	0.00		-107	-106	-232	-233
123	63	11	0.00	0.00		-458	-457	-577	-578
123	63	11	0.00	0.00		-327	-326	-476	-477
123	63	11	0.00	0.00		-475	-474	-594	-595
123	63	11	0.00	0.00		-595	-594	-732	-733
123	63	11	0.00	0.00		-241	-240	-273	-274
123	63	11	0.00	0.00		-118	-117	-243	-244
123	63	11	0.00	0.00		-238	-237	-270	-271
123	63	11	0.00	0.00		-237	-236	-269	-270
123	63	11	0.00	0.00		-465	-464	-584	-585
123	63	11	0.00	0.00		-608	-607	-736	-737
123	63	11	0.00	0.00		-265	-264	-342	-343
123	63	11	0.00	0.00		-476	-475	-595	-605
123	63	11	0.00	0.00		-108	-107	-233	-234
123	63	11	0.00	0.00		-104	-103	-229	-230
123	63	11	0.00	0.00		-329	-328	-478	-479
123	63	11	0.00	0.00		-347	-346	-463	-464
123	63	11	0.00	0.00		-578	-577	-715	-716
123	63	11	0.00	0.00		-103	-102	-228	-229
123	63	11	0.00	0.00		-590	-589	-727	-728
123	63	11	0.00	0.00		-589	-588	-726	-727
123	63	11	0.00	0.00		-231	-230	-264	-265
123	63	11	0.00	0.00		-326	-325	-475	-476
123	63	11	0.00	0.00		-463	-462	-582	-583
123	63	11	0.00	0.00		-479	-478	-607	-608
123	63	11	0.00	0.00		-110	-109	-235	-236
123	63	11	0.00	0.00		-577	-576	-714	-715
123	63	11	0.00	0.00		-245	-244	-322	-323
123	63	11	0.00	0.00		-473	-472	-592	-593
123	63	11	0.00	0.00		-235	-234	-267	-268
123	63	11	0.00	0.00		-269	-268	-346	-347
123	63	11	0.00	0.00		-593	-592	-730	-731
123	63	11	0.00	0.00		-271	-270	-348	-349
123	63	11	0.00	0.00		-470	-469	-587	-588
123	63	11	0.00	0.00		-114	-113	-239	-240
123	63	11	0.00	0.00		-247	-246	-324	-325
123	63	11	0.00	0.00		-460	-459	-579	-580
123	63	11	0.00	0.00		-111	-110	-236	-237
123	63	11	0.00	0.00		-266	-265	-343	-344
123	63	11	0.00	0.00		-344	-343	-459	-460
123	63	11	0.00	0.00		-122	-121	-247	-248
123	63	11	0.00	0.00		-457	-456	-576	-577
123	63	11	0.00	0.00		-249	-248	-326	-327
123	63	11	0.00	0.00		-606	-605	-734	-735
123	63	11	0.00	0.00		-352	-351	-468	-469
123	63	11	0.00	0.00		-591	-590	-728	-729
123	63	11	0.00	0.00		-353	-352	-469	-470
123	63	11	0.00	0.00		-242	-241	-274	-275
123	63	11	0.00	0.00		-325	-324	-474	-475
123	63	11	0.00	0.00		-322	-321	-471	-472
123	63	11	0.00	0.00		-581	-580	-718	-719
123	63	11	0.00	0.00		-270	-269	-347	-348
123	63	11	0.00	0.00		-477	-476	-605	-606
123	63	11	0.00	0.00		-580	-579	-717	-718
123	63	11	0.00	0.00		-240	-239	-272	-273
123	63	11	0.00	0.00		-229	-228	-456	-457
123	63	11	0.00	0.00		-323	-322	-472	-473
124	68	11	0.00	0.00		-568	-575	-713	-706
124	68	11	0.00	0.00		-507	-510	-642	-638
124	68	11	0.00	0.00		-448	-455	-575	-568
124	68	11	0.00	0.00		-194	-220	-260	-255
124	68	11	0.00	0.00		-8	-20	-149	-137
124	68	11	0.00	0.00		-373	-379	-507	-501
124	68	11	0.00	0.00		-333	-338	-448	-420
124	68	33	0.00	0.00		-543	-524	-657	-678
124	68	11	0.00	0.00		-263	-274	-352	-341
124	68	11	0.00	0.00		-154	-158	-383	-379
124	66	11	0.00	0.00		-149	-154	-379	-373
124	68	11	0.00	0.00		-338	-341	-455	-448
124	68	11	0.00	0.00		-543	-568	-706	-678
124	68	11	0.00	0.00		-420	-448	-568	-543
124	68	11	0.00	0.00		-575	-587	-725	-713
124	68	11	0.00	0.00		-341	-352	-469	-455
124	68	11	0.00	0.00		-101	-115	-241	-227
124	68	11	0.00	0.00		-26	-30	-158	-154
124	68	11	0.00	0.00		-501	-507	-638	-632
124	68	11	0.00	0.00		-255	-260	-338	-333
124	80	11	0.00	0.00		-260	-263	-341	-338
124	80	11	0.00	0.00		-220	-227	-263	-260

Fascicolo dei calcoli

124	68	11	0.00	0.00		-455 -469 -587 -575
124	68	11	0.00	0.00		-227 -241 -274 -263
124	68	11	0.00	0.00		-67 -94 -220 -194
124	68	11	0.00	0.00		-383 -397 -524 -510
124	66	11	0.00	0.00		-20 -26 -154 -149
124	68	11	0.00	0.00		-30 -44 -172 -158
124	68	11	0.00	0.00		-158 -172 -397 -383
124	68	11	0.00	0.00		-137 -149 -373 -361
124	68	11	0.00	0.00		-510 -524 -657 -642
124	68	11	0.00	0.00		-487 -501 -632 -618
124	68	11	0.00	0.00		-379 -383 -510 -507
124	80	11	0.00	0.00		-94 -101 -227 -220
124	68	11	0.00	0.00		-361 -373 -501 -487
125	64	11	0.00	0.00		-443 -426 -549 -564
125	64	11	0.00	0.00		-452 -443 -564 -572
125	64	11	0.00	0.00		-102 -98 -224 -228
125	64	11	0.00	0.00		-572 -564 -701 -710
125	64	11	0.00	0.00		-224 -215 -443 -452
125	64	11	0.00	0.00		-215 -199 -426 -443
125	64	11	0.00	0.00		-576 -572 -710 -714
125	64	11	0.00	0.00		-89 -72 -199 -215
125	64	11	0.00	0.00		-228 -224 -452 -456
125	64	11	0.00	0.00		-98 -89 -215 -224
125	64	11	0.00	0.00		-456 -452 -572 -576
125	64	11	0.00	0.00		-564 -549 -684 -701
126	64	11	0.00	0.00		-157 -151 -376 -382
126	64	11	0.00	0.00		-514 -509 -641 -647
126	64	11	0.00	0.00		-411 -410 -535 -536
126	64	11	0.00	0.00		-29 -23 -151 -157
126	64	11	0.00	0.00		-57 -35 -163 -184
126	64	11	0.00	0.00		-163 -157 -382 -388
126	64	11	0.00	0.00		-388 -382 -509 -514
126	64	11	0.00	0.00		-185 -184 -410 -411
126	64	11	0.00	0.00		-376 -354 -480 -504
126	64	11	0.00	0.00		-536 -535 -669 -670
126	64	11	0.00	0.00		-58 -57 -184 -185
126	64	11	0.00	0.00		-151 -130 -354 -376
126	64	11	0.00	0.00		-35 -29 -157 -163
126	64	11	0.00	0.00		-535 -514 -647 -669
126	64	11	0.00	0.00		-382 -376 -504 -509
126	64	11	0.00	0.00		-410 -388 -514 -535
126	64	11	0.00	0.00		-504 -480 -611 -635
126	64	11	0.00	0.00		-23 -1 -130 -151
126	64	11	0.00	0.00		-184 -163 -388 -410
126	64	11	0.00	0.00		-509 -504 -635 -641
127	68	11	0.00	-0.10		-519 -518 -651 -652
128	68	11	0.00	0.00		-388 -389 -515 -514
128	68	11	0.00	0.00		-37 -38 -166 -165
128	68	11	0.00	0.00		-516 -517 -650 -649
128	68	11	0.00	0.00		-517 -518 -651 -650
128	68	11	0.00	0.00		-515 -516 -649 -648
128	68	11	0.00	0.00		-35 -36 -164 -163
128	68	11	0.00	0.00		-390 -391 -518 -517
128	68	11	0.00	0.00		-165 -166 -391 -390
128	68	11	0.00	0.00		-163 -164 -389 -388
128	68	11	0.00	0.00		-514 -515 -648 -647
129	68	11	0.00	0.00		-377 -375 -503 -505
129	64	11	0.00	0.00		-92 -62 -189 -218
129	68	11	0.00	0.00		-579 -566 -704 -717
129	64	11	0.00	0.00		-566 -538 -673 -704
129	68	11	0.00	0.00		-534 -518 -651 -668
129	68	11	0.00	0.00		-375 -372 -500 -503
129	68	11	0.00	0.00		-512 -505 -636 -645
129	68	11	0.00	0.00		-386 -377 -505 -512
129	68	11	0.00	0.00		-161 -152 -377 -386
129	68	11	0.00	0.00		-409 -391 -518 -534
129	68	11	0.00	0.00		-265 -258 -336 -343
129	68	11	0.00	0.00		-538 -534 -668 -673
129	68	11	0.00	0.00		-105 -92 -218 -231
129	68	11	0.00	0.00		-38 -33 -161 -166
129	68	11	0.00	0.00		-19 -4 -133 -148
129	68	11	0.00	0.00		-183 -166 -391 -409
129	68	11	0.00	0.00		-459 -446 -566 -579
129	64	11	0.00	0.00		-218 -189 -252 -258
129	64	11	0.00	0.00		-336 -330 -415 -446
129	68	11	0.00	0.00		-231 -218 -258 -265
129	68	11	0.00	0.00		-505 -503 -634 -636
129	68	11	0.00	0.00		-391 -386 -512 -518
129	68	11	0.00	0.00		-343 -336 -446 -459

Fascicolo dei calcoli

129	68	11	0.00	0.00		-503	-500	-631	-634
129	68	11	0.00	0.00		-372	-357	-483	-500
129	68	11	0.00	0.00		-148	-133	-357	-372
129	68	11	0.00	0.00		-166	-161	-386	-391
129	64	11	0.00	0.00		-446	-415	-538	-566
129	68	11	0.00	0.00		-56	-38	-166	-183
129	68	11	0.00	0.00		-500	-483	-614	-631
129	64	11	0.00	0.00		-258	-252	-330	-336
129	68	11	0.00	0.00		-33	-24	-152	-161
129	68	11	0.00	0.00		-518	-512	-645	-651
130	68	11	0.00	0.00		-404	-403	-530	-531
130	68	11	0.00	0.00		-44	-43	-171	-172
130	68	11	0.00	0.00		-41	-40	-168	-169
130	68	11	0.00	0.00		-40	-39	-167	-168
130	81	11	0.04	0.04		-528	-527	-660	-661
130	68	11	0.00	0.00		-406	-405	-532	-598
130	66	11	0.04	0.04		-177	-176	-291	-292
130	68	11	0.00	0.00		-179	-178	-293	-294
130	80	11	0.30	0.30		-53	-52	-179	-180
130	81	11	0.04	0.04		-46	-45	-173	-174
130	68	11	0.00	0.00		-532	-531	-664	-665
130	68	11	0.00	0.00		-531	-530	-663	-664
130	68	11	0.00	0.00		-169	-168	-393	-394
130	68	11	0.00	0.00		-168	-167	-392	-393
130	68	11	0.00	0.00		-598	-532	-665	-666
130	81	11	0.04	0.04		-48	-47	-175	-176
130	66	11	0.04	0.04		-402	-401	-528	-529
130	68	11	0.00	0.00		-172	-171	-396	-397
130	68	11	0.00	0.00		-521	-520	-653	-654
130	81	11	0.04	0.04		-401	-400	-527	-528
130	68	11	0.00	0.00		-397	-396	-523	-524
130	68	11	0.00	0.00		-530	-529	-662	-663
130	68	11	0.00	0.00		-295	-294	-405	-406
130	81	11	0.04	0.04		-291	-290	-400	-401
130	68	11	0.00	0.00		-395	-394	-521	-522
130	68	11	0.00	0.00		-520	-519	-652	-653
130	68	11	0.00	0.00		-171	-170	-395	-396
130	81	11	0.04	0.04		-174	-173	-398	-399
130	80	11	0.30	0.30		-180	-179	-294	-295
130	68	11	0.00	0.00		-42	-41	-169	-170
130	81	11	0.04	0.04		-525	-524	-657	-658
130	68	11	0.00	0.00		-170	-169	-394	-395
130	81	11	0.04	0.04		-399	-398	-525	-526
130	68	11	0.00	0.00		-394	-393	-520	-521
130	68	11	0.00	0.00		-522	-521	-654	-655
130	81	11	0.04	0.04		-176	-175	-290	-291
130	66	11	0.04	0.04		-49	-48	-176	-177
130	68	11	0.00	0.00		-294	-293	-404	-405
130	68	11	0.00	0.00		-43	-42	-170	-171
130	68	11	0.00	0.00		-403	-402	-529	-530
130	68	11	0.00	0.00		-52	-51	-178	-179
130	68	11	0.00	0.00		-524	-523	-656	-657
130	68	11	0.00	0.00		-393	-392	-519	-520
130	68	11	0.00	0.00		-405	-404	-531	-532
130	81	11	0.04	0.04		-526	-525	-658	-659
130	81	11	0.04	0.04		-400	-399	-526	-527
130	81	11	0.04	0.04		-527	-526	-659	-660
130	66	11	0.04	0.04		-529	-528	-661	-662
130	68	11	0.00	0.00		-396	-395	-522	-523
130	66	11	0.04	0.04		-292	-291	-401	-402
130	68	11	0.00	0.00		-523	-522	-655	-656
131	68	11	0.00	0.00		-538	-539	-674	-673
131	68	11	0.00	0.00		-189	-190	-253	-252
131	68	11	0.00	0.00		-252	-253	-331	-330
131	68	11	0.00	0.00		-330	-331	-416	-415
131	68	11	0.00	0.00		-62	-63	-190	-189
131	68	11	0.00	0.00		-415	-416	-539	-538
132	68	11	0.00	0.00		-27	-11	-140	-155
132	68	11	0.00	0.00		-511	-508	-639	-643
132	68	11	0.00	0.00		-525	-511	-643	-658
132	68	11	0.00	0.00		-398	-384	-511	-525
132	68	11	0.00	0.00		-45	-31	-159	-173
132	68	11	0.00	0.00		-74	-68	-195	-201
132	68	11	0.00	0.00		-159	-155	-380	-384
132	68	11	0.00	0.00		-305	-301	-421	-428
132	68	11	0.00	0.00		-380	-364	-492	-508
132	68	11	0.00	0.00		-544	-525	-658	-679
132	68	11	0.00	0.00		-155	-140	-364	-380
132	68	11	0.00	0.00		-31	-27	-155	-159

Fascicolo dei calcoli

132	68	11	0.00	0.00		-551	-544	-679	-686
132	68	11	0.00	0.00		-384	-380	-508	-511
132	68	11	0.00	0.00		-508	-492	-623	-639
132	68	11	0.00	0.00		-428	-421	-544	-551
132	68	11	0.00	0.00		-173	-159	-384	-398
132	68	11	0.00	0.00		-201	-195	-301	-305
133	68	11	0.00	0.00		-322	-315	-440	-472
133	68	11	0.00	0.00		-472	-440	-561	-592
133	68	11	0.00	0.00		-244	-212	-315	-322
133	68	11	0.00	0.00		-592	-561	-698	-730
133	68	11	0.00	0.00		-118	-86	-212	-244
134	68	11	0.00	0.00		-421	-422	-545	-544
134	68	11	0.00	0.00		-422	-423	-546	-545
134	68	11	0.00	0.00		-544	-545	-680	-679
134	68	11	0.00	0.00		-424	-425	-548	-547
134	68	11	0.00	0.00		-545	-546	-681	-680
134	68	11	0.00	0.00		-301	-302	-422	-421
134	68	11	0.00	0.00		-302	-303	-423	-422
134	68	11	0.00	0.00		-196	-197	-303	-302
134	68	11	0.00	0.00		-546	-547	-682	-681
134	68	11	0.00	0.00		-68	-69	-196	-195
134	68	11	0.00	0.00		-69	-70	-197	-196
134	68	11	0.00	0.00		-423	-424	-547	-546
134	68	11	0.00	0.00		-547	-548	-683	-682
134	68	11	0.00	0.00		-195	-196	-302	-301
134	68	11	0.00	0.00		-543	-544	-679	-678
135	68	11	0.00	0.00		-548	-552	-687	-683
135	68	11	0.00	0.00		-425	-429	-552	-548
135	68	11	0.00	0.00		-292	-296	-407	-402
135	68	11	0.00	0.00		-378	-387	-513	-506
135	68	11	0.00	0.00		-60	-71	-198	-187
135	68	11	0.00	0.00		-71	-75	-202	-198
135	68	11	0.00	0.00		-299	-304	-425	-413
135	68	11	0.00	0.00		-533	-537	-671	-667
135	68	11	0.00	0.00		-529	-533	-667	-662
135	68	11	0.00	0.00		-304	-306	-429	-425
135	68	11	0.00	0.00		-153	-162	-289	-286
135	68	11	0.00	0.00		-198	-202	-306	-304
135	68	11	0.00	0.00		-34	-49	-177	-162
135	68	11	0.00	0.00		-162	-177	-292	-289
135	68	11	0.00	0.00		-177	-181	-296	-292
135	68	11	0.00	0.00		-289	-292	-402	-387
135	68	11	0.00	0.00		-402	-407	-533	-529
135	68	11	0.00	0.00		-49	-54	-181	-177
135	68	11	0.00	0.00		-387	-402	-529	-513
135	68	11	0.00	0.00		-187	-198	-304	-299
135	68	11	0.00	0.00		-506	-513	-646	-637
135	68	11	0.00	0.00		-25	-34	-162	-153
135	68	11	0.00	0.00		-513	-529	-662	-646
135	68	11	0.00	0.00		-413	-425	-548	-537
135	68	11	0.00	0.00		-537	-548	-683	-671
135	68	11	0.00	0.00		-286	-289	-387	-378
136	68	11	0.00	0.00		-87	-91	-217	-213
136	68	11	0.00	0.00		-565	-571	-709	-703
136	68	11	0.00	0.00		-97	-100	-226	-223
136	68	11	0.00	0.00		-451	-454	-574	-571
136	68	11	0.00	0.00		-226	-247	-325	-320
136	68	11	0.00	0.00		-91	-97	-223	-217
136	68	11	0.00	0.00		-318	-319	-451	-445
136	68	11	0.00	0.00		-217	-223	-319	-318
136	68	11	0.00	0.00		-100	-121	-247	-226
136	68	11	0.00	0.00		-213	-217	-318	-316
136	68	11	0.00	0.00		-574	-595	-733	-712
136	68	11	0.00	0.00		-319	-320	-454	-451
136	68	11	0.00	0.00		-316	-318	-445	-441
136	68	11	0.00	0.00		-454	-475	-595	-574
136	68	11	0.00	0.00		-223	-226	-320	-319
136	68	11	0.00	0.00		-562	-565	-703	-699
136	68	11	0.00	0.00		-320	-325	-475	-454
136	68	11	0.00	0.00		-571	-574	-712	-709
136	68	11	0.00	0.00		-441	-445	-565	-562
136	68	11	0.00	0.00		-445	-451	-571	-565
137	68	11	0.00	0.00		-281	-285	-374	-368
137	68	11	0.00	0.00		-496	-502	-633	-627
137	68	11	0.00	0.00		-144	-150	-285	-281
137	68	11	0.00	0.00		-15	-21	-150	-144
137	68	11	0.00	0.00		-368	-374	-502	-496
138	65	11	0.03	0.03		-553	-552	-687	-688
138	65	11	0.03	0.03		-308	-307	-431	-432

Fascicolo dei calcoli

138	65	11	0.03	0.03		-602	-555	-690	-691
138	65	11	0.03	0.03		-78	-77	-203	-204
138	65	11	0.03	0.03		-555	-554	-689	-690
138	65	11	0.03	0.03		-432	-431	-554	-555
138	65	11	0.03	0.03		-433	-432	-555	-602
138	80	11	0.03	0.03		-79	-78	-204	-205
138	65	11	0.03	0.03		-309	-308	-432	-433
138	65	11	0.03	0.03		-204	-203	-307	-308
138	65	11	0.03	0.03		-431	-430	-553	-554
138	80	11	0.03	0.03		-205	-204	-308	-309
138	65	11	0.03	0.03		-430	-429	-552	-553
138	65	11	0.03	0.03		-554	-553	-688	-689
139	81	11	0.06	0.06		-93	-95	-221	-219
139	81	11	0.06	0.06		-550	-560	-697	-685
139	80	11	0.06	0.06		-453	-464	-584	-573
139	81	11	0.06	0.06		-334	-335	-439	-427
139	81	11	0.06	0.06		-427	-439	-560	-550
139	81	11	0.06	0.06		-85	-93	-219	-211
139	81	11	0.06	0.06		-63	-73	-200	-190
139	81	11	0.06	0.06		-331	-334	-427	-416
139	80	11	0.06	0.06		-225	-236	-269	-262
139	80	11	0.06	0.06		-340	-347	-464	-453
139	81	11	0.06	0.06		-211	-219	-259	-257
139	81	11	0.06	0.06		-219	-221	-261	-259
139	80	11	0.06	0.06		-573	-584	-722	-711
139	81	11	0.06	0.06		-416	-427	-550	-539
139	81	11	0.06	0.06		-539	-550	-685	-674
139	81	11	0.06	0.06		-190	-200	-256	-253
139	81	11	0.06	0.06		-335	-337	-447	-439
139	81	11	0.06	0.06		-259	-261	-339	-337
139	80	11	0.06	0.06		-95	-99	-225	-221
139	81	11	0.06	0.06		-253	-256	-334	-331
139	80	11	0.06	0.06		-262	-269	-347	-340
139	81	11	0.06	0.06		-567	-569	-707	-705
139	80	11	0.06	0.06		-99	-110	-236	-225
139	81	11	0.06	0.06		-447	-449	-569	-567
139	80	11	0.06	0.06		-261	-262	-340	-339
139	81	11	0.06	0.06		-337	-339	-449	-447
139	80	11	0.06	0.06		-449	-453	-573	-569
139	80	11	0.06	0.06		-569	-573	-711	-707
139	80	11	0.06	0.06		-339	-340	-453	-449
139	81	11	0.06	0.06		-257	-259	-337	-335
139	81	11	0.06	0.06		-439	-447	-567	-560
139	81	11	0.06	0.06		-560	-567	-705	-697
139	80	11	0.06	0.06		-221	-225	-262	-261
140	59	11	0.00	0.00		-128	-129	-222	-214
140	59	11	0.00	0.00		-277	-278	-442	-419
140	59	11	0.00	0.00		-193	-214	-278	-277
140	59	11	0.00	0.00		-278	-279	-450	-442
140	59	11	0.00	0.00		-214	-222	-279	-278
140	59	11	0.00	0.00		-88	-96	-129	-128
140	59	11	0.00	0.00		-442	-450	-570	-563
140	59	11	0.00	0.00		-542	-563	-700	-677
140	59	11	0.00	0.00		-127	-128	-214	-193
140	59	11	0.00	0.00		-66	-88	-128	-127
140	59	11	0.00	0.00		-419	-442	-563	-542
140	59	11	0.00	0.00		-563	-570	-708	-700
141	60	11	0.00	0.00		-435	-437	-558	-557
141	60	11	0.00	0.00		-202	-207	-311	-306
141	60	11	0.00	0.00		-207	-209	-313	-311
141	60	11	0.00	0.00		-306	-311	-435	-429
141	60	11	0.00	0.00		-557	-558	-695	-693
141	60	11	0.00	0.00		-429	-435	-557	-552
141	60	11	0.00	0.00		-314	-316	-441	-438
141	60	11	0.00	0.00		-438	-441	-562	-559
141	60	11	0.00	0.00		-558	-559	-696	-695
141	60	11	0.00	0.00		-83	-84	-210	-209
141	60	11	0.00	0.00		-209	-210	-314	-313
141	60	11	0.00	0.00		-552	-557	-693	-687
141	60	11	0.00	0.00		-84	-87	-213	-210
141	60	11	0.00	0.00		-313	-314	-438	-437
141	60	11	0.00	0.00		-75	-81	-207	-202
141	60	11	0.00	0.00		-437	-438	-559	-558
141	60	11	0.00	0.00		-210	-213	-316	-314
141	60	11	0.00	0.00		-81	-83	-209	-207
141	60	11	0.00	0.00		-311	-313	-437	-435
141	60	11	0.00	0.00		-559	-562	-699	-696
142	10	11	0.00	0.00		-540	-541	-676	-675
142	10	11	0.00	0.00		-190	-191	-254	-253

Fascicolo dei calcoli

142	10	11	0.00	0.00		-276 -277 -419 -418
142	10	11	0.00	0.00		-253 -254 -332 -331
142	10	11	0.00	0.00		-541 -542 -677 -676
142	10	11	0.00	0.00		-63 -64 -191 -190
142	10	11	0.00	0.00		-416 -417 -540 -539
142	10	11	0.00	0.00		-126 -127 -193 -192
142	10	11	0.00	0.00		-331 -332 -417 -416
142	10	11	0.00	0.00		-418 -419 -542 -541
142	10	11	0.00	0.00		-539 -540 -675 -674
142	10	11	0.00	0.00		-192 -193 -277 -276
142	10	11	0.00	0.00		-65 -66 -127 -126
143	76	11	0.00	0.00		-549 -536 -670 -684
143	76	11	0.00	0.00		-72 -58 -185 -199
143	76	11	0.00	0.00		-199 -185 -411 -426
143	76	11	0.00	0.00		-426 -411 -536 -549
144	60	11	0.00	0.00		-434 -428 -551 -556
144	60	11	0.00	0.00		-206 -201 -305 -310
144	60	11	0.00	0.00		-440 -434 -556 -561
144	60	11	0.00	0.00		-86 -80 -206 -212
144	60	11	0.00	0.00		-310 -305 -428 -434
144	60	11	0.00	0.00		-561 -556 -692 -698
144	60	11	0.00	0.00		-556 -551 -686 -692
144	60	11	0.00	0.00		-80 -74 -201 -206
144	60	11	0.00	0.00		-315 -310 -434 -440
144	60	11	0.00	0.00		-212 -206 -310 -315
145	60	11	0.00	0.00		-150 -153 -286 -285
145	60	11	0.00	0.00		-21 -25 -153 -150
145	60	11	0.00	0.00		-502 -506 -637 -633
145	60	11	0.00	0.00		-285 -286 -378 -374
145	60	11	0.00	0.00		-374 -378 -506 -502
146	25	11	0.00	0.00		-522 -542 -677 -655
147	25	11	0.09	0.00		-520 -539 -674 -653
148	10	11	0.07	0.00		-542 -543 -678 -677
210	64	11	0.00	0.00		-619 -620 -747 -746
210	64	11	0.00	0.00		-617 -618 -745 -744
210	64	11	0.00	0.00		-624 -625 -752 -751
210	64	11	0.00	0.00		-753 -754 -965 -964
210	64	11	0.00	0.00		-748 -749 -960 -959
210	64	11	0.00	0.00		-621 -622 -749 -748
210	64	11	0.00	0.00		-626 -627 -754 -753
210	64	11	0.00	0.00		-629 -630 -757 -756
210	64	11	0.00	0.00		-750 -751 -962 -961
210	64	11	0.00	0.00		-961 -962 -1079 -1078
210	64	11	0.00	0.00		-847 -848 -952 -951
210	64	11	0.00	0.00		-862 -863 -950 -949
210	64	11	0.00	0.00		-964 -965 -1082 -1081
210	64	11	0.00	0.00		-957 -958 -1075 -1074
210	64	11	0.00	0.00		-1077 -1078 -1197 -1196
210	64	11	0.00	0.00		-746 -747 -958 -957
210	64	11	0.00	0.00		-954 -955 -1072 -1071
210	64	11	0.00	0.00		-618 -619 -746 -745
210	64	11	0.00	0.00		-848 -849 -953 -952
210	64	11	0.00	0.00		-956 -957 -1074 -1073
210	64	11	0.00	0.00		-627 -628 -755 -754
210	64	11	0.00	0.00		-1079 -1080 -1199 -1198
210	64	11	0.00	0.00		-951 -952 -1069 -1068
210	64	11	0.00	0.00		-749 -750 -961 -960
210	64	11	0.00	0.00		-1082 -1083 -1202 -1201
210	64	11	0.00	0.00		-754 -755 -966 -965
210	64	11	0.00	0.00		-963 -964 -1081 -1080
210	64	11	0.00	0.00		-1078 -1079 -1198 -1197
210	64	11	0.00	0.00		-966 -967 -1084 -1083
210	64	11	0.00	0.00		-616 -617 -744 -743
210	64	11	0.00	0.00		-864 -865 -968 -967
210	64	11	0.00	0.00		-1072 -1073 -1192 -1191
210	64	11	0.00	0.00		-622 -623 -750 -749
210	64	11	0.00	0.00		-623 -624 -751 -750
210	64	11	0.00	0.00		-741 -742 -849 -848
210	64	11	0.00	0.00		-745 -746 -957 -956
210	64	11	0.00	0.00		-962 -963 -1080 -1079
210	64	11	0.00	0.00		-1076 -1077 -1196 -1195
210	64	11	0.00	0.00		-740 -741 -848 -847
210	64	11	0.00	0.00		-955 -956 -1073 -1072
210	64	11	0.00	0.00		-743 -744 -955 -954
210	64	11	0.00	0.00		-738 -739 -863 -862
210	64	11	0.00	0.00		-1075 -1076 -1195 -1194
210	64	11	0.00	0.00		-1071 -1072 -1191 -1190
210	64	11	0.00	0.00		-1083 -1084 -1203 -1202
210	64	11	0.00	0.00		-949 -950 -1067 -1066

210	64	11	0.00	0.00		-1081	-1082	-1201	-1200
210	64	11	0.00	0.00		-1073	-1074	-1193	-1192
210	64	11	0.00	0.00		-959	-960	-1077	-1076
210	64	11	0.00	0.00		-756	-757	-865	-864
210	77	11	0.00	0.00		-612	-613	-740	-739
210	64	11	0.00	0.00		-960	-961	-1078	-1077
210	77	11	0.00	0.00		-615	-616	-743	-742
210	64	11	0.00	0.00		-952	-953	-1070	-1069
210	64	11	0.00	0.00		-1067	-1068	-1187	-1186
210	64	11	0.00	0.00		-751	-752	-963	-962
210	64	11	0.00	0.00		-958	-959	-1076	-1075
210	64	11	0.00	0.00		-1080	-1081	-1200	-1199
210	77	11	0.00	0.00		-628	-629	-756	-755
210	77	11	0.00	0.00		-625	-626	-753	-752
210	64	11	0.00	0.00		-1066	-1067	-1186	-1185
210	64	11	0.00	0.00		-1074	-1075	-1194	-1193
210	64	11	0.00	0.00		-611	-612	-739	-738
210	64	11	0.00	0.00		-613	-614	-741	-740
210	64	11	0.00	0.00		-965	-966	-1083	-1082
210	64	11	0.00	0.00		-1069	-1070	-1189	-1188
210	64	11	0.00	0.00		-967	-968	-1085	-1084
210	64	11	0.00	0.00		-950	-951	-1068	-1067
210	64	11	0.00	0.00		-1084	-1085	-1204	-1203
210	64	11	0.00	0.00		-1068	-1069	-1188	-1187
210	64	11	0.00	0.00		-1070	-1071	-1190	-1189
210	64	11	0.00	0.00		-953	-954	-1071	-1070
210	64	11	0.00	0.00		-744	-745	-956	-955
210	64	11	0.00	0.00		-614	-615	-742	-741
211	64	11	0.00	0.00		-1003	-1019	-1137	-1120
211	64	11	0.00	0.00		-1030	-1065	-1184	-1149
211	64	11	0.00	0.00		-980	-997	-1114	-1097
211	64	11	0.00	0.00		-1022	-1030	-1149	-1140
211	64	11	0.00	0.00		-1097	-1114	-1233	-1216
211	64	11	0.00	0.00		-868	-870	-980	-977
211	64	11	0.00	0.00		-630	-640	-765	-757
211	64	11	0.00	0.00		-1140	-1149	-1269	-1260
211	64	11	0.00	0.00		-907	-940	-1065	-1030
211	64	11	0.00	0.00		-1094	-1097	-1216	-1213
211	64	11	0.00	0.00		-1019	-1022	-1140	-1137
211	64	11	0.00	0.00		-694	-702	-813	-808
211	64	11	0.00	0.00		-640	-644	-768	-765
211	64	11	0.00	0.00		-768	-785	-879	-870
211	64	11	0.00	0.00		-899	-902	-1022	-1019
211	64	11	0.00	0.00		-870	-879	-997	-980
211	64	11	0.00	0.00		-865	-868	-977	-968
211	64	11	0.00	0.00		-1085	-1094	-1213	-1204
211	64	11	0.00	0.00		-1137	-1140	-1260	-1257
211	64	11	0.00	0.00		-789	-805	-899	-883
211	64	11	0.00	0.00		-902	-907	-1030	-1022
211	64	11	0.00	0.00		-765	-768	-870	-868
211	64	11	0.00	0.00		-672	-691	-805	-789
211	64	11	0.00	0.00		-757	-765	-868	-865
211	64	11	0.00	0.00		-785	-789	-883	-879
211	64	11	0.00	0.00		-702	-737	-846	-813
211	64	11	0.00	0.00		-805	-808	-902	-899
211	64	11	0.00	0.00		-1120	-1137	-1257	-1239
211	64	11	0.00	0.00		-1149	-1184	-1304	-1269
211	64	11	0.00	0.00		-883	-899	-1019	-1003
211	64	11	0.00	0.00		-977	-980	-1097	-1094
211	64	11	0.00	0.00		-644	-666	-785	-768
211	64	11	0.00	0.00		-879	-883	-1003	-997
211	64	11	0.00	0.00		-808	-813	-907	-902
211	64	11	0.00	0.00		-968	-977	-1094	-1085
211	64	11	0.00	0.00		-813	-846	-940	-907
211	64	11	0.00	0.00		-691	-694	-808	-805
212	64	11	0.00	0.00		-726	-725	-834	-835
212	64	11	0.00	0.00		-1179	-1178	-1298	-1299
212	64	11	0.00	0.00		-1053	-1052	-1171	-1172
212	64	11	0.00	0.00		-829	-828	-922	-923
212	64	11	0.00	0.00		-1049	-1048	-1168	-1169
212	64	11	0.00	0.00		-1183	-1182	-1302	-1303
212	64	11	0.00	0.00		-1044	-1043	-1163	-1164
212	64	11	0.00	0.00		-1175	-1174	-1294	-1295
212	64	11	0.00	0.00		-1047	-1046	-1166	-1167
212	63	11	0.00	0.00		-1177	-1176	-1296	-1297
212	64	11	0.00	0.00		-1184	-1183	-1303	-1304
212	64	11	0.00	0.00		-729	-728	-837	-838
212	64	11	0.00	0.00		-1182	-1181	-1301	-1302
212	64	11	0.00	0.00		-936	-935	-1060	-1061

212	64	11	0.00	0.00		-727	-726	-835	-836
212	64	11	0.00	0.00		-830	-829	-923	-924
212	64	11	0.00	0.00		-927	-926	-1051	-1052
212	64	11	0.00	0.00		-920	-919	-1044	-1045
212	64	11	0.00	0.00		-1176	-1175	-1295	-1296
212	64	11	0.00	0.00		-1065	-1064	-1183	-1184
212	64	11	0.00	0.00		-1056	-1055	-1174	-1175
212	64	11	0.00	0.00		-919	-918	-1043	-1044
212	64	11	0.00	0.00		-832	-831	-925	-926
212	64	11	0.00	0.00		-917	-916	-947	-948
212	77	11	0.00	0.00		-736	-735	-844	-845
212	63	11	0.00	0.00		-730	-729	-838	-839
212	64	11	0.00	0.00		-928	-927	-1052	-1053
212	77	11	0.00	0.00		-716	-715	-823	-824
212	64	11	0.00	0.00		-1050	-1049	-1169	-1170
212	64	11	0.00	0.00		-925	-924	-1049	-1050
212	64	11	0.00	0.00		-924	-923	-1048	-1049
212	64	11	0.00	0.00		-725	-724	-833	-834
212	64	11	0.00	0.00		-1062	-1061	-1180	-1181
212	64	11	0.00	0.00		-1057	-1056	-1175	-1176
212	64	11	0.00	0.00		-923	-922	-1047	-1048
212	64	11	0.00	0.00		-846	-845	-939	-940
212	64	11	0.00	0.00		-826	-825	-919	-920
212	64	11	0.00	0.00		-922	-921	-1046	-1047
212	64	11	0.00	0.00		-1045	-1044	-1164	-1165
212	64	11	0.00	0.00		-823	-822	-916	-917
212	64	11	0.00	0.00		-1181	-1180	-1300	-1301
212	63	11	0.00	0.00		-731	-730	-839	-840
212	64	11	0.00	0.00		-831	-830	-924	-925
212	64	11	0.00	0.00		-842	-841	-935	-936
212	64	11	0.00	0.00		-1042	-1041	-1161	-1162
212	64	11	0.00	0.00		-843	-842	-936	-937
212	77	11	0.00	0.00		-720	-719	-827	-828
212	64	11	0.00	0.00		-1061	-1060	-1179	-1180
212	64	11	0.00	0.00		-937	-936	-1061	-1062
212	64	11	0.00	0.00		-932	-931	-1056	-1057
212	64	11	0.00	0.00		-737	-736	-845	-846
212	77	11	0.00	0.00		-732	-731	-840	-841
212	64	11	0.00	0.00		-1172	-1171	-1291	-1292
212	64	11	0.00	0.00		-1180	-1179	-1299	-1300
212	64	11	0.00	0.00		-1063	-1062	-1181	-1182
212	64	11	0.00	0.00		-1043	-1042	-1162	-1163
212	64	11	0.00	0.00		-825	-824	-918	-919
212	64	11	0.00	0.00		-1054	-1053	-1172	-1173
212	64	11	0.00	0.00		-734	-733	-842	-843
212	64	11	0.00	0.00		-929	-928	-1053	-1054
212	63	11	0.00	0.00		-1059	-1058	-1177	-1178
212	64	11	0.00	0.00		-718	-717	-825	-826
212	64	11	0.00	0.00		-921	-920	-1045	-1046
212	63	11	0.00	0.00		-839	-838	-932	-933
212	64	11	0.00	0.00		-838	-837	-931	-932
212	64	11	0.00	0.00		-926	-925	-1050	-1051
212	64	11	0.00	0.00		-1048	-1047	-1167	-1168
212	64	11	0.00	0.00		-930	-929	-1054	-1055
212	64	11	0.00	0.00		-1046	-1045	-1165	-1166
212	63	11	0.00	0.00		-934	-933	-1058	-1059
212	64	11	0.00	0.00		-938	-937	-1062	-1063
212	64	11	0.00	0.00		-735	-734	-843	-844
212	64	11	0.00	0.00		-834	-833	-927	-928
212	64	11	0.00	0.00		-722	-721	-829	-830
212	64	11	0.00	0.00		-827	-826	-920	-921
212	64	11	0.00	0.00		-835	-834	-928	-929
212	64	11	0.00	0.00		-1163	-1162	-1282	-1283
212	64	11	0.00	0.00		-1064	-1063	-1182	-1183
212	64	11	0.00	0.00		-1060	-1059	-1178	-1179
212	64	11	0.00	0.00		-1165	-1164	-1284	-1285
212	64	11	0.00	0.00		-1169	-1168	-1288	-1289
212	64	11	0.00	0.00		-1166	-1165	-1285	-1286
212	63	11	0.00	0.00		-1178	-1177	-1297	-1298
212	64	11	0.00	0.00		-733	-732	-841	-842
212	63	11	0.00	0.00		-840	-839	-933	-934
212	63	11	0.00	0.00		-1058	-1057	-1176	-1177
212	64	11	0.00	0.00		-1173	-1172	-1292	-1293
212	64	11	0.00	0.00		-721	-720	-828	-829
212	64	11	0.00	0.00		-833	-832	-926	-927
212	64	11	0.00	0.00		-1170	-1169	-1289	-1290
212	64	11	0.00	0.00		-1164	-1163	-1283	-1284
212	64	11	0.00	0.00		-836	-835	-929	-930
212	64	11	0.00	0.00		-1168	-1167	-1287	-1288

212	64	11	0.00	0.00		-844 -843 -937 -938
212	64	11	0.00	0.00		-719 -718 -826 -827
212	63	11	0.00	0.00		-933 -932 -1057 -1058
212	64	11	0.00	0.00		-940 -939 -1064 -1065
212	64	11	0.00	0.00		-717 -716 -824 -825
212	64	11	0.00	0.00		-715 -714 -822 -823
212	64	11	0.00	0.00		-948 -947 -1041 -1042
212	64	11	0.00	0.00		-1167 -1166 -1286 -1287
212	64	11	0.00	0.00		-728 -727 -836 -837
212	64	11	0.00	0.00		-1055 -1054 -1173 -1174
212	64	11	0.00	0.00		-723 -722 -830 -831
212	64	11	0.00	0.00		-1162 -1161 -1281 -1282
212	64	11	0.00	0.00		-1174 -1173 -1293 -1294
213	68	11	0.00	0.00		-706 -713 -821 -816
213	68	11	0.00	0.00		-853 -861 -992 -979
213	68	11	0.00	0.00		-992 -1006 -1124 -1109
213	68	11	0.00	0.00		-1087 -1093 -1212 -1206
213	68	11	0.00	0.00		-745 -759 -970 -956
213	68	11	0.00	0.00		-852 -853 -979 -976
213	68	11	0.00	0.00		-713 -725 -834 -821
213	68	11	0.00	0.00		-678 -706 -816 -792
213	68	11	0.00	0.00		-979 -992 -1109 -1096
213	68	11	0.00	0.00		-915 -928 -1053 -1040
213	68	11	0.00	0.00		-1034 -1040 -1160 -1153
213	68	11	0.00	0.00		-970 -976 -1093 -1087
213	68	11	0.00	0.00		-1093 -1096 -1215 -1212
213	68	11	0.00	0.00		-1096 -1109 -1228 -1215
213	68	11	0.00	0.00		-1073 -1087 -1206 -1192
213	68	11	0.00	0.00		-976 -979 -1096 -1093
213	68	11	0.00	0.00		-956 -970 -1087 -1073
213	68	11	0.00	0.00		-1040 -1053 -1172 -1160
213	68	11	0.00	0.00		-1006 -1034 -1153 -1124
213	68	11	0.00	0.00		-821 -834 -928 -915
213	68	11	0.00	0.00		-1109 -1124 -1243 -1228
213	68	11	0.00	0.00		-638 -642 -767 -764
213	68	11	0.00	0.00		-1160 -1172 -1292 -1280
213	68	11	0.00	0.00		-1124 -1153 -1273 -1243
213	68	11	0.00	0.00		-767 -780 -861 -853
213	68	11	0.00	0.00		-816 -821 -915 -910
213	68	11	0.00	0.00		-642 -657 -780 -767
213	68	11	0.00	0.00		-910 -915 -1040 -1034
213	68	11	0.00	0.00		-792 -816 -910 -886
213	68	11	0.00	0.00		-1153 -1160 -1280 -1273
213	68	11	0.00	0.00		-764 -767 -853 -852
213	68	11	0.00	0.00		-618 -632 -759 -745
213	68	11	0.00	0.00		-886 -910 -1034 -1006
214	64	11	0.00	0.00		-881 -880 -999 -1001
214	64	11	0.00	0.00		-701 -684 -798 -812
214	64	11	0.00	0.00		-761 -738 -862 -866
214	64	11	0.00	0.00		-684 -670 -787 -798
214	64	11	0.00	0.00		-866 -862 -949 -973
214	64	11	0.00	0.00		-1116 -1100 -1219 -1235
214	64	11	0.00	0.00		-872 -869 -978 -983
214	64	11	0.00	0.00		-983 -978 -1095 -1100
214	64	11	0.00	0.00		-710 -701 -812 -818
214	64	11	0.00	0.00		-787 -786 -880 -881
214	64	11	0.00	0.00		-999 -983 -1100 -1116
214	64	11	0.00	0.00		-1012 -1001 -1118 -1130
214	64	11	0.00	0.00		-635 -611 -738 -761
214	64	11	0.00	0.00		-945 -944 -1012 -1029
214	64	11	0.00	0.00		-869 -866 -973 -978
214	64	11	0.00	0.00		-1037 -1029 -1148 -1157
214	64	11	0.00	0.00		-766 -761 -866 -869
214	64	11	0.00	0.00		-1029 -1012 -1130 -1148
214	64	11	0.00	0.00		-1001 -999 -1116 -1118
214	64	11	0.00	0.00		-1090 -1066 -1185 -1209
214	64	11	0.00	0.00		-973 -949 -1066 -1090
214	64	11	0.00	0.00		-641 -635 -761 -766
214	64	11	0.00	0.00		-906 -892 -944 -945
214	64	11	0.00	0.00		-1095 -1090 -1209 -1214
214	64	11	0.00	0.00		-1148 -1130 -1250 -1268
214	64	11	0.00	0.00		-1157 -1148 -1268 -1277
214	64	11	0.00	0.00		-669 -647 -771 -786
214	64	11	0.00	0.00		-880 -872 -983 -999
214	64	11	0.00	0.00		-771 -766 -869 -872
214	64	11	0.00	0.00		-912 -906 -945 -946
214	64	11	0.00	0.00		-812 -798 -892 -906
214	64	11	0.00	0.00		-818 -812 -906 -912
214	64	11	0.00	0.00		-647 -641 -766 -771

214	64	11	0.00	0.00		-947 -946 -1037 -1041
214	64	11	0.00	0.00		-670 -669 -786 -787
214	64	11	0.00	0.00		-946 -945 -1029 -1037
214	64	11	0.00	0.00		-1100 -1095 -1214 -1219
214	64	11	0.00	0.00		-1161 -1157 -1277 -1281
214	64	11	0.00	0.00		-1118 -1116 -1235 -1237
214	64	11	0.00	0.00		-1041 -1037 -1157 -1161
214	64	11	0.00	0.00		-786 -771 -872 -880
214	64	11	0.00	0.00		-1130 -1118 -1237 -1250
214	64	11	0.00	0.00		-822 -818 -912 -916
214	64	11	0.00	0.00		-714 -710 -818 -822
214	64	11	0.00	0.00		-916 -912 -946 -947
214	64	11	0.00	0.00		-978 -973 -1090 -1095
215	80	11	0.00	-0.10		-987 -986 -1103 -1104
215	80	11	0.00	-0.10		-652 -651 -774 -775
215	80	11	0.00	-0.10		-1104 -1103 -1222 -1223
215	80	11	0.00	-0.10		-856 -855 -986 -987
215	80	11	0.00	-0.10		-775 -774 -855 -856
216	68	11	0.00	0.00		-771 -772 -873 -872
216	68	11	0.00	0.00		-647 -648 -772 -771
216	68	11	0.00	0.00		-985 -986 -1103 -1102
216	68	11	0.00	0.00		-983 -984 -1101 -1100
216	68	11	0.00	0.00		-648 -649 -773 -772
216	68	11	0.00	0.00		-1101 -1102 -1221 -1220
216	68	11	0.00	0.00		-984 -985 -1102 -1101
216	68	11	0.00	0.00		-772 -773 -874 -873
216	68	11	0.00	0.00		-873 -874 -985 -984
216	68	11	0.00	0.00		-872 -873 -984 -983
216	68	11	0.00	0.00		-1100 -1101 -1220 -1219
216	68	11	0.00	0.00		-1102 -1103 -1222 -1221
217	68	11	0.00	0.00		-651 -645 -769 -774
217	68	11	0.00	0.00		-769 -762 -851 -854
217	68	11	0.00	0.00		-758 -741 -848 -850
217	68	11	0.00	0.00		-974 -972 -1089 -1091
217	65	11	0.00	0.00		-825 -814 -908 -919
217	68	11	0.00	0.00		-850 -848 -952 -969
217	68	11	0.00	0.00		-1086 -1069 -1188 -1205
217	65	11	0.00	0.00		-1032 -1004 -1121 -1151
217	68	11	0.00	0.00		-645 -636 -762 -769
217	68	11	0.00	0.00		-998 -986 -1103 -1115
217	68	11	0.00	0.00		-981 -974 -1091 -1098
217	68	11	0.00	0.00		-854 -851 -974 -981
217	68	11	0.00	0.00		-969 -952 -1069 -1086
217	68	11	0.00	0.00		-631 -614 -741 -758
217	65	11	0.00	0.00		-1164 -1151 -1271 -1284
217	68	11	0.00	0.00		-1004 -998 -1115 -1121
217	68	11	0.00	0.00		-972 -969 -1086 -1089
217	68	11	0.00	0.00		-986 -981 -1098 -1103
217	65	11	0.00	0.00		-1151 -1121 -1240 -1271
217	68	11	0.00	0.00		-774 -769 -854 -855
217	65	11	0.00	0.00		-908 -884 -1004 -1032
217	65	11	0.00	0.00		-814 -790 -884 -908
217	68	11	0.00	0.00		-1103 -1098 -1217 -1222
217	68	11	0.00	0.00		-855 -854 -981 -986
217	68	11	0.00	0.00		-1091 -1089 -1208 -1210
217	65	11	0.00	0.00		-704 -673 -790 -814
217	68	11	0.00	0.00		-1089 -1086 -1205 -1208
217	68	11	0.00	0.00		-1121 -1115 -1234 -1240
217	65	11	0.00	0.00		-717 -704 -814 -825
217	68	11	0.00	0.00		-1098 -1091 -1210 -1217
217	65	11	0.00	0.00		-919 -908 -1032 -1044
217	68	11	0.00	0.00		-1115 -1103 -1222 -1234
217	65	11	0.00	0.00		-1044 -1032 -1151 -1164
218	68	11	-0.03	-0.03		-664 -663 -782 -783
218	68	11	-0.03	-0.03		-876 -875 -993 -994
218	68	11	-0.03	-0.03		-783 -782 -876 -877
218	68	11	-0.03	-0.03		-879 -878 -996 -997
218	68	11	-0.03	-0.03		-995 -994 -1111 -1112
218	68	11	-0.03	-0.03		-994 -993 -1110 -1111
218	68	11	-0.03	-0.03		-663 -662 -781 -782
218	68	11	-0.03	-0.03		-997 -996 -1113 -1114
218	68	11	-0.03	-0.03		-877 -876 -994 -995
218	68	11	-0.03	-0.03		-1113 -1112 -1231 -1232
218	68	11	-0.03	-0.03		-785 -784 -878 -879
218	68	11	-0.03	-0.03		-878 -877 -995 -996
218	68	11	-0.03	-0.03		-1112 -1111 -1230 -1231
218	68	11	-0.03	-0.03		-666 -665 -784 -785
218	68	11	-0.03	-0.03		-665 -664 -783 -784
218	68	11	-0.03	-0.03		-996 -995 -1112 -1113

218	68	11	-0.03	-0.03		-782	-781	-875	-876
218	68	11	-0.03	-0.03		-1114	-1113	-1232	-1233
218	68	11	-0.03	-0.03		-784	-783	-877	-878
218	68	11	-0.03	-0.03		-1111	-1110	-1229	-1230
219	80	11	0.00	0.00		-992	-991	-1108	-1109
219	80	11	0.00	0.00		-655	-654	-777	-778
219	80	11	0.00	0.00		-1106	-1105	-1224	-1225
219	80	11	0.00	0.00		-990	-989	-1106	-1107
219	80	11	0.00	0.00		-777	-776	-857	-858
219	80	11	0.00	0.00		-778	-777	-858	-859
219	80	11	0.00	0.00		-1107	-1106	-1225	-1226
219	80	11	0.00	0.00		-776	-775	-856	-857
219	80	11	0.00	0.00		-1105	-1104	-1223	-1224
219	80	11	0.00	0.00		-989	-988	-1105	-1106
219	80	11	0.00	0.00		-654	-653	-776	-777
219	80	11	0.00	0.00		-861	-860	-991	-992
219	80	11	0.00	0.00		-991	-990	-1107	-1108
219	80	11	0.00	0.00		-780	-779	-860	-861
219	80	11	0.00	0.00		-653	-652	-775	-776
219	80	11	0.00	0.00		-1109	-1108	-1227	-1228
219	80	11	0.00	0.00		-779	-778	-859	-860
219	80	11	0.00	0.00		-988	-987	-1104	-1105
219	80	11	0.00	0.00		-859	-858	-989	-990
219	80	11	0.00	0.00		-858	-857	-988	-989
219	80	11	0.00	0.00		-1108	-1107	-1226	-1227
219	80	11	0.00	0.00		-860	-859	-990	-991
219	80	11	0.00	0.00		-857	-856	-987	-988
219	80	11	0.00	0.00		-657	-656	-779	-780
219	80	11	0.00	0.00		-656	-655	-778	-779
220	80	11	0.29	0.29		-692	-686	-800	-806
220	68	11	0.00	0.00		-1020	-1014	-1132	-1138
220	68	11	0.00	0.00		-686	-679	-793	-800
220	68	11	0.00	0.00		-1014	-1007	-1125	-1132
220	68	11	0.00	0.00		-1142	-1138	-1258	-1262
220	68	11	0.00	0.00		-839	-811	-905	-933
220	68	11	0.00	0.00		-1058	-1027	-1145	-1177
220	68	11	0.00	0.00		-1145	-1142	-1262	-1265
220	68	11	0.00	0.00		-1024	-1020	-1138	-1142
220	68	11	0.00	0.00		-1138	-1132	-1252	-1258
220	68	11	0.00	0.00		-1132	-1125	-1245	-1252
220	68	11	0.00	0.00		-800	-793	-887	-894
220	80	11	0.29	0.29		-811	-806	-900	-905
220	80	11	0.29	0.29		-806	-800	-894	-900
220	68	11	0.00	0.00		-730	-698	-811	-839
220	68	11	0.00	0.00		-1027	-1024	-1142	-1145
220	80	11	0.29	0.29		-905	-900	-1024	-1027
220	68	11	0.00	0.00		-894	-887	-1007	-1014
220	80	11	0.29	0.29		-698	-692	-806	-811
220	80	11	0.29	0.29		-900	-894	-1014	-1020
220	80	11	0.29	0.29		-900	-1020	-1024	
220	68	11	0.00	0.00		-1177	-1145	-1265	-1297
220	68	11	0.00	0.00		-933	-905	-1027	-1058
221	68	11	0.00	0.00		-681	-682	-796	-795
221	68	11	0.00	0.00		-1009	-1010	-1128	-1127
221	68	11	0.00	0.00		-682	-683	-797	-796
221	68	11	0.00	0.00		-1007	-1008	-1126	-1125
221	68	11	0.00	0.00		-887	-888	-1008	-1007
221	68	11	0.00	0.00		-679	-680	-794	-793
221	68	11	0.00	0.00		-1125	-1126	-1246	-1245
221	68	11	0.00	0.00		-796	-797	-891	-890
221	68	11	0.00	0.00		-795	-796	-890	-889
221	68	11	0.00	0.00		-1126	-1127	-1247	-1246
221	68	11	0.00	0.00		-890	-891	-1011	-1010
221	68	11	0.00	0.00		-1127	-1128	-1248	-1247
221	68	11	0.00	0.00		-793	-794	-888	-887
221	68	11	0.00	0.00		-889	-890	-1010	-1009
221	68	11	0.00	0.00		-1010	-1011	-1129	-1128
221	68	11	0.00	0.00		-1008	-1009	-1127	-1126
221	68	11	0.00	0.00		-1128	-1129	-1249	-1248
222	68	11	0.00	0.00		-1021	-1023	-1141	-1139
222	68	11	0.00	0.00		-1146	-1150	-1270	-1266
222	68	11	0.00	0.00		-801	-807	-901	-895
222	68	11	0.00	0.00		-1082	-1088	-1207	-1201
222	68	11	0.00	0.00		-1117	-1119	-1238	-1236
222	68	11	0.00	0.00		-895	-901	-1021	-1015
222	68	11	0.00	0.00		-712	-733	-842	-820
222	68	11	0.00	0.00		-993	-1000	-1117	-1110
222	68	11	0.00	0.00		-797	-801	-895	-891
222	68	11	0.00	0.00		-627	-633	-760	-754

Fascicolo dei calcoli

222	68	11	0.00	0.00		-1015 -1021 -1139 -1133
222	68	11	0.00	0.00		-1011 -1015 -1133 -1129
222	68	11	0.00	0.00		-693 -695 -809 -807
222	68	11	0.00	0.00		-683 -687 -801 -797
222	68	11	0.00	0.00		-807 -809 -903 -901
222	68	11	0.00	0.00		-1141 -1143 -1263 -1261
222	68	11	0.00	0.00		-1000 -1002 -1119 -1117
222	68	11	0.00	0.00		-788 -797 -891 -882
222	68	11	0.00	0.00		-1143 -1146 -1266 -1263
222	68	11	0.00	0.00		-1110 -1117 -1236 -1229
222	68	11	0.00	0.00		-871 -875 -993 -982
222	68	11	0.00	0.00		-1139 -1141 -1261 -1259
222	68	11	0.00	0.00		-867 -871 -982 -975
222	68	11	0.00	0.00		-901 -903 -1023 -1021
222	68	11	0.00	0.00		-1150 -1156 -1276 -1270
222	68	11	0.00	0.00		-971 -975 -1092 -1088
222	68	11	0.00	0.00		-687 -693 -807 -801
222	68	11	0.00	0.00		-1028 -1031 -1150 -1146
222	68	11	0.00	0.00		-1159 -1180 -1300 -1279
222	68	11	0.00	0.00		-891 -895 -1015 -1011
222	68	11	0.00	0.00		-882 -891 -1011 -1002
222	68	11	0.00	0.00		-1002 -1011 -1129 -1119
222	68	11	0.00	0.00		-1039 -1061 -1180 -1159
222	68	11	0.00	0.00		-1092 -1099 -1218 -1211
222	68	11	0.00	0.00		-1099 -1110 -1229 -1218
222	68	11	0.00	0.00		-982 -993 -1110 -1099
222	68	11	0.00	0.00		-1088 -1092 -1211 -1207
222	68	11	0.00	0.00		-763 -770 -871 -867
222	68	11	0.00	0.00		-1119 -1129 -1249 -1238
222	68	11	0.00	0.00		-1133 -1139 -1259 -1253
222	68	11	0.00	0.00		-1023 -1025 -1143 -1141
222	68	11	0.00	0.00		-914 -936 -1061 -1039
222	68	11	0.00	0.00		-975 -982 -1099 -1092
222	68	11	0.00	0.00		-671 -683 -797 -788
222	68	11	0.00	0.00		-965 -971 -1088 -1082
222	68	11	0.00	0.00		-1031 -1036 -1156 -1150
222	68	11	0.00	0.00		-646 -662 -781 -770
222	68	11	0.00	0.00		-770 -781 -875 -871
222	68	11	0.00	0.00		-1156 -1159 -1279 -1276
222	68	11	0.00	0.00		-637 -646 -770 -763
222	68	11	0.00	0.00		-1129 -1133 -1253 -1249
222	68	11	0.00	0.00		-754 -760 -971 -965
222	68	11	0.00	0.00		-820 -842 -936 -914
222	68	11	0.00	0.00		-1025 -1028 -1146 -1143
222	68	11	0.00	0.00		-1036 -1039 -1159 -1156
223	80	11	0.03	0.03		-802 -801 -895 -896
223	65	11	0.03	0.03		-805 -804 -898 -899
223	80	11	0.03	0.03		-897 -896 -1016 -1017
223	65	11	0.03	0.03		-1018 -1017 -1135 -1136
223	65	11	0.03	0.03		-1135 -1134 -1254 -1255
223	80	11	0.03	0.03		-689 -688 -802 -803
223	65	11	0.03	0.03		-1019 -1018 -1136 -1137
223	80	11	0.03	0.03		-896 -895 -1015 -1016
223	65	11	0.03	0.03		-1137 -1136 -1256 -1257
223	80	11	0.03	0.03		-688 -687 -801 -802
223	65	11	0.03	0.03		-691 -690 -804 -805
223	65	11	0.03	0.03		-899 -898 -1018 -1019
223	65	11	0.03	0.03		-1017 -1016 -1134 -1135
223	65	11	0.03	0.03		-898 -897 -1017 -1018
223	65	11	0.03	0.03		-1136 -1135 -1255 -1256
223	65	11	0.03	0.03		-804 -803 -897 -898
223	65	11	0.03	0.03		-1134 -1133 -1253 -1254
223	65	11	0.03	0.03		-690 -689 -803 -804
223	65	11	0.03	0.03		-1016 -1015 -1133 -1134
223	80	11	0.03	0.03		-803 -802 -896 -897
224	65	11	0.06	0.06		-674 -685 -799 -791
224	65	11	0.06	0.06		-1013 -1026 -1144 -1131
224	65	11	0.06	0.06		-911 -913 -1038 -1035
224	65	11	0.06	0.06		-817 -819 -913 -911
224	65	11	0.06	0.06		-904 -909 -1033 -1026
224	65	11	0.06	0.06		-711 -722 -830 -819
224	65	11	0.06	0.06		-1122 -1131 -1251 -1241
224	65	11	0.06	0.06		-685 -697 -810 -799
224	65	11	0.06	0.06		-909 -911 -1035 -1033
224	65	11	0.06	0.06		-1033 -1035 -1154 -1152
224	65	11	0.06	0.06		-1158 -1169 -1289 -1278
224	65	11	0.06	0.06		-707 -711 -819 -817
224	65	11	0.06	0.06		-799 -810 -904 -893
224	65	11	0.06	0.06		-1035 -1038 -1158 -1154

224	65	11	0.06	0.06		-893 -904 -1026 -1013
224	65	11	0.06	0.06		-1154 -1158 -1278 -1274
224	65	11	0.06	0.06		-1152 -1154 -1274 -1272
224	65	11	0.06	0.06		-1038 -1049 -1169 -1158
224	65	11	0.06	0.06		-913 -924 -1049 -1038
224	65	11	0.06	0.06		-1144 -1152 -1272 -1264
224	65	11	0.06	0.06		-885 -893 -1013 -1005
224	65	11	0.06	0.06		-1026 -1033 -1152 -1144
224	65	11	0.06	0.06		-705 -707 -817 -815
224	65	11	0.06	0.06		-1005 -1013 -1131 -1122
224	65	11	0.06	0.06		-791 -799 -893 -885
224	65	11	0.06	0.06		-1131 -1144 -1264 -1251
224	65	11	0.06	0.06		-819 -830 -924 -913
224	65	11	0.06	0.06		-815 -817 -911 -909
224	65	11	0.06	0.06		-810 -815 -909 -904
224	65	11	0.06	0.06		-697 -705 -815 -810
225	10	11	0.00	0.00		-1107 -1123 -1242 -1226
225	59	11	0.00	0.00		-677 -700 -942 -941
225	59	11	0.00	0.00		-941 -942 -1147 -1123
225	59	11	0.00	0.00		-1123 -1147 -1267 -1242
225	59	11	0.00	0.00		-700 -708 -943 -942
225	59	11	0.00	0.00		-1147 -1155 -1275 -1267
225	59	11	0.00	0.00		-942 -943 -1155 -1147
226	25	11	0.09	0.00		-1105 -1122 -1241 -1224
230	10	11	0.07	0.00		-1123 -1124 -1243 -1242
231	10	11	0.00	0.00		-1122 -1123 -1242 -1241
231	10	11	0.00	0.00		-1121 -1122 -1241 -1240
310	67	11	0.00	0.00		-1527 -1528 -1593 -1592
310	64	11	0.00	0.00		-1319 -1320 -1431 -1430
310	67	11	0.00	0.00		-1307 -1308 -1419 -1418
310	67	11	0.00	0.00		-1593 -1594 -1681 -1680
310	67	11	0.00	0.00		-1592 -1593 -1680 -1679
310	67	11	0.00	0.00		-1794 -1795 -1916 -1915
310	77	11	0.00	0.00		-1202 -1203 -1323 -1322
310	67	11	0.00	0.00		-1191 -1192 -1312 -1311
310	67	11	0.00	0.00		-1305 -1306 -1417 -1416
310	67	11	0.00	0.00		-1190 -1191 -1311 -1310
310	64	11	0.00	0.00		-1313 -1314 -1425 -1424
310	64	11	0.00	0.00		-1314 -1315 -1426 -1425
310	67	11	0.00	0.00		-1528 -1529 -1594 -1593
310	77	11	0.00	0.00		-1322 -1323 -1434 -1433
310	77	11	0.00	0.00		-1309 -1310 -1421 -1420
310	64	11	0.00	0.00		-1323 -1324 -1435 -1434
310	77	11	0.00	0.00		-1189 -1190 -1310 -1309
310	67	11	0.00	0.00		-1800 -1801 -1922 -1921
310	67	11	0.00	0.00		-1679 -1680 -1797 -1796
310	67	11	0.00	0.00		-1680 -1681 -1798 -1797
310	67	11	0.00	0.00		-1677 -1678 -1795 -1794
310	67	11	0.00	0.00		-1684 -1685 -1802 -1801
310	64	11	0.00	0.00		-1598 -1599 -1696 -1695
310	67	11	0.00	0.00		-1801 -1802 -1923 -1922
310	64	11	0.00	0.00		-1923 -1924 -2045 -2044
310	64	11	0.00	0.00		-1431 -1432 -1531 -1530
310	64	11	0.00	0.00		-1687 -1688 -1805 -1804
310	67	11	0.00	0.00		-1308 -1309 -1420 -1419
310	64	11	0.00	0.00		-1596 -1597 -1694 -1693
310	64	11	0.00	0.00		-1198 -1199 -1319 -1318
310	64	11	0.00	0.00		-1531 -1532 -1597 -1596
310	64	11	0.00	0.00		-1320 -1321 -1432 -1431
310	64	11	0.00	0.00		-1321 -1322 -1433 -1432
310	67	11	0.00	0.00		-1921 -1922 -2043 -2042
310	67	11	0.00	0.00		-1915 -1916 -2037 -2036
310	67	11	0.00	0.00		-1917 -1918 -2039 -2038
310	67	11	0.00	0.00		-1682 -1683 -1800 -1799
310	67	11	0.00	0.00		-1187 -1188 -1308 -1307
310	67	11	0.00	0.00		-1423 -1424 -1685 -1684
310	64	11	0.00	0.00		-1427 -1428 -1689 -1688
310	67	11	0.00	0.00		-1312 -1313 -1424 -1423
310	67	11	0.00	0.00		-1188 -1189 -1309 -1308
310	64	11	0.00	0.00		-1530 -1531 -1596 -1595
310	64	11	0.00	0.00		-1197 -1198 -1318 -1317
310	64	11	0.00	0.00		-1318 -1319 -1430 -1429
310	67	11	0.00	0.00		-1422 -1423 -1684 -1683
310	64	11	0.00	0.00		-1200 -1201 -1321 -1320
310	64	11	0.00	0.00		-1201 -1202 -1322 -1321
310	67	11	0.00	0.00		-1678 -1679 -1796 -1795
310	64	11	0.00	0.00		-1686 -1687 -1804 -1803
310	67	11	0.00	0.00		-1185 -1186 -1306 -1305
310	64	11	0.00	0.00		-1203 -1204 -1324 -1323

310	67	11	0.00	0.00		-1796	-1797	-1918	-1917
310	67	11	0.00	0.00		-1918	-1919	-2040	-2039
310	67	11	0.00	0.00		-1920	-1921	-2042	-2041
310	67	11	0.00	0.00		-1799	-1800	-1921	-1920
310	64	11	0.00	0.00		-1804	-1805	-1926	-1925
310	67	11	0.00	0.00		-1310	-1311	-1422	-1421
310	64	11	0.00	0.00		-1689	-1690	-1807	-1806
310	64	11	0.00	0.00		-1685	-1686	-1803	-1802
310	64	11	0.00	0.00		-1692	-1693	-1810	-1809
310	64	11	0.00	0.00		-1693	-1694	-1811	-1810
310	64	11	0.00	0.00		-1695	-1696	-1813	-1812
310	77	11	0.00	0.00		-1306	-1307	-1418	-1417
310	64	11	0.00	0.00		-1429	-1430	-1691	-1690
310	67	11	0.00	0.00		-1681	-1682	-1799	-1798
310	64	11	0.00	0.00		-1694	-1695	-1812	-1811
310	64	11	0.00	0.00		-1199	-1200	-1320	-1319
310	64	11	0.00	0.00		-1426	-1427	-1688	-1687
310	64	11	0.00	0.00		-1424	-1425	-1686	-1685
310	67	11	0.00	0.00		-1421	-1422	-1683	-1682
310	64	11	0.00	0.00		-1428	-1429	-1690	-1689
310	67	11	0.00	0.00		-1311	-1312	-1423	-1422
310	64	11	0.00	0.00		-1925	-1926	-2047	-2046
310	64	11	0.00	0.00		-1434	-1435	-1599	-1598
310	64	11	0.00	0.00		-1432	-1433	-1532	-1531
310	77	11	0.00	0.00		-1186	-1187	-1307	-1306
310	64	11	0.00	0.00		-1195	-1196	-1316	-1315
310	64	11	0.00	0.00		-1316	-1317	-1428	-1427
310	64	11	0.00	0.00		-1317	-1318	-1429	-1428
310	67	11	0.00	0.00		-1916	-1917	-2038	-2037
310	64	11	0.00	0.00		-1807	-1808	-1929	-1928
310	64	11	0.00	0.00		-1691	-1692	-1809	-1808
310	64	11	0.00	0.00		-1932	-1933	-2054	-2053
310	64	11	0.00	0.00		-1194	-1195	-1315	-1314
310	67	11	0.00	0.00		-1419	-1420	-1529	-1528
310	64	11	0.00	0.00		-1811	-1812	-1933	-1932
310	67	11	0.00	0.00		-1922	-1923	-2044	-2043
310	67	11	0.00	0.00		-1797	-1798	-1919	-1918
310	64	11	0.00	0.00		-1688	-1689	-1806	-1805
310	64	11	0.00	0.00		-1926	-1927	-2048	-2047
310	64	11	0.00	0.00		-1927	-1928	-2049	-2048
310	64	11	0.00	0.00		-1315	-1316	-1427	-1426
310	64	11	0.00	0.00		-1930	-1931	-2052	-2051
310	67	11	0.00	0.00		-1683	-1684	-1801	-1800
310	64	11	0.00	0.00		-1193	-1194	-1314	-1313
310	64	11	0.00	0.00		-1928	-1929	-2050	-2049
310	64	11	0.00	0.00		-1690	-1691	-1808	-1807
310	64	11	0.00	0.00		-1929	-1930	-2051	-2050
310	64	11	0.00	0.00		-1924	-1925	-2046	-2045
310	67	11	0.00	0.00		-1418	-1419	-1528	-1527
310	67	11	0.00	0.00		-1416	-1417	-1678	-1677
310	64	11	0.00	0.00		-1808	-1809	-1930	-1929
310	67	11	0.00	0.00		-1798	-1799	-1920	-1919
310	64	11	0.00	0.00		-1802	-1803	-1924	-1923
310	64	11	0.00	0.00		-1805	-1806	-1927	-1926
310	67	11	0.00	0.00		-1192	-1193	-1313	-1312
310	64	11	0.00	0.00		-1196	-1197	-1317	-1316
310	67	11	0.00	0.00		-1919	-1920	-2041	-2040
310	64	11	0.00	0.00		-1931	-1932	-2053	-2052
310	64	11	0.00	0.00		-1810	-1811	-1932	-1931
310	64	11	0.00	0.00		-1812	-1813	-1934	-1933
310	64	11	0.00	0.00		-1933	-1934	-2055	-2054
310	64	11	0.00	0.00		-1809	-1810	-1931	-1930
310	67	11	0.00	0.00		-1795	-1796	-1917	-1916
310	64	11	0.00	0.00		-1806	-1807	-1928	-1927
310	64	11	0.00	0.00		-1595	-1596	-1693	-1692
310	64	11	0.00	0.00		-1803	-1804	-1925	-1924
311	67	11	0.00	0.00		-1260	-1269	-1381	-1376
311	67	11	0.00	0.00		-1871	-1879	-2000	-1992
311	67	11	0.00	0.00		-1484	-1487	-1637	-1634
311	67	11	0.00	0.00		-1752	-1759	-1879	-1871
311	67	11	0.00	0.00		-1446	-1462	-1614	-1605
311	67	11	0.00	0.00		-1269	-1304	-1415	-1381
311	67	11	0.00	0.00		-1696	-1705	-1822	-1813
311	67	11	0.00	0.00		-1708	-1724	-1841	-1825
311	67	11	0.00	0.00		-1462	-1468	-1618	-1614
311	67	11	0.00	0.00		-1351	-1357	-1468	-1462
311	67	11	0.00	0.00		-1324	-1332	-1443	-1435
311	67	11	0.00	0.00		-1749	-1752	-1871	-1868
311	67	11	0.00	0.00		-1435	-1443	-1604	-1599

311	67	11	0.00	0.00		-1381	-1415	-1526	-1492
311	67	11	0.00	0.00		-1962	-1968	-2089	-2083
311	67	11	0.00	0.00		-1943	-1946	-2067	-2064
311	67	11	0.00	0.00		-1992	-2000	-2121	-2113
311	67	11	0.00	0.00		-1879	-1914	-2035	-2000
311	67	11	0.00	0.00		-1822	-1825	-1946	-1943
311	67	11	0.00	0.00		-1376	-1381	-1492	-1487
311	67	11	0.00	0.00		-1841	-1847	-1968	-1962
311	67	11	0.00	0.00		-1213	-1216	-1335	-1332
311	67	11	0.00	0.00		-1216	-1233	-1351	-1335
311	67	11	0.00	0.00		-1637	-1642	-1759	-1752
311	67	11	0.00	0.00		-1759	-1793	-1914	-1879
311	67	11	0.00	0.00		-1729	-1732	-1850	-1847
311	67	11	0.00	0.00		-1968	-1971	-2092	-2089
311	67	11	0.00	0.00		-1468	-1484	-1634	-1618
311	67	11	0.00	0.00		-1492	-1526	-1676	-1642
311	67	11	0.00	0.00		-1335	-1351	-1462	-1446
311	67	11	0.00	0.00		-1989	-1992	-2113	-2110
311	67	11	0.00	0.00		-1732	-1749	-1868	-1850
311	67	11	0.00	0.00		-1487	-1492	-1642	-1637
311	67	11	0.00	0.00		-1257	-1260	-1376	-1373
311	67	11	0.00	0.00		-1868	-1871	-1992	-1989
311	67	11	0.00	0.00		-1847	-1850	-1971	-1968
311	67	11	0.00	0.00		-1332	-1335	-1446	-1443
311	67	11	0.00	0.00		-1605	-1614	-1724	-1708
311	67	11	0.00	0.00		-1204	-1213	-1332	-1324
311	67	11	0.00	0.00		-1971	-1989	-2110	-2092
311	67	11	0.00	0.00		-1850	-1868	-1989	-1971
311	67	11	0.00	0.00		-1724	-1729	-1847	-1841
311	67	11	0.00	0.00		-1813	-1822	-1943	-1934
311	67	11	0.00	0.00		-1634	-1637	-1752	-1749
311	67	11	0.00	0.00		-1618	-1634	-1749	-1732
311	67	11	0.00	0.00		-1239	-1257	-1373	-1357
311	67	11	0.00	0.00		-1946	-1962	-2083	-2067
311	67	11	0.00	0.00		-1934	-1943	-2064	-2055
311	67	11	0.00	0.00		-1373	-1376	-1487	-1484
311	67	11	0.00	0.00		-1825	-1841	-1962	-1946
311	67	11	0.00	0.00		-2000	-2035	-2156	-2121
311	67	11	0.00	0.00		-1599	-1604	-1705	-1696
311	67	11	0.00	0.00		-1705	-1708	-1825	-1822
311	67	11	0.00	0.00		-1642	-1676	-1793	-1759
311	67	11	0.00	0.00		-1357	-1373	-1484	-1468
312	67	11	0.00	0.00		-2032	-2031	-2152	-2153
312	67	11	0.00	0.00		-1522	-1521	-1588	-1589
312	67	11	0.00	0.00		-1524	-1523	-1590	-1591
312	67	11	0.00	0.00		-2014	-2013	-2134	-2135
312	67	11	0.00	0.00		-1674	-1673	-1790	-1791
312	69	11	0.00	0.00		-2020	-2019	-2140	-2141
312	69	11	0.00	0.00		-2019	-2018	-2139	-2140
312	67	11	0.00	0.00		-1892	-1891	-2012	-2013
312	67	11	0.00	0.00		-1912	-1911	-2032	-2033
312	67	11	0.00	0.00		-1896	-1895	-2016	-2017
312	67	11	0.00	0.00		-1409	-1408	-1519	-1520
312	67	11	0.00	0.00		-1518	-1517	-1584	-1585
312	67	11	0.00	0.00		-1893	-1892	-2013	-2014
312	67	11	0.00	0.00		-1303	-1302	-1413	-1414
312	67	11	0.00	0.00		-1792	-1791	-1912	-1913
312	67	11	0.00	0.00		-1672	-1671	-1788	-1789
312	69	11	0.00	0.00		-1577	-1576	-1659	-1660
312	67	11	0.00	0.00		-2018	-2017	-2138	-2139
312	67	11	0.00	0.00		-1574	-1573	-1656	-1657
312	67	11	0.00	0.00		-1585	-1584	-1667	-1668
312	67	11	0.00	0.00		-1894	-1893	-2014	-2015
312	67	11	0.00	0.00		-1913	-1912	-2033	-2034
312	67	11	0.00	0.00		-1775	-1774	-1895	-1896
312	67	11	0.00	0.00		-1516	-1515	-1582	-1583
312	69	11	0.00	0.00		-1578	-1577	-1660	-1661
312	67	11	0.00	0.00		-1415	-1414	-1525	-1526
312	67	11	0.00	0.00		-1411	-1410	-1521	-1522
312	67	11	0.00	0.00		-1785	-1784	-1905	-1906
312	67	11	0.00	0.00		-1783	-1782	-1903	-1904
312	67	11	0.00	0.00		-1784	-1783	-1904	-1905
312	67	11	0.00	0.00		-1657	-1656	-1773	-1774
312	67	11	0.00	0.00		-1895	-1894	-2015	-2016
312	67	11	0.00	0.00		-2030	-2029	-2150	-2151
312	67	11	0.00	0.00		-1773	-1772	-1893	-1894
312	67	11	0.00	0.00		-2016	-2015	-2136	-2137
312	67	11	0.00	0.00		-1520	-1519	-1586	-1587
312	67	11	0.00	0.00		-1573	-1572	-1655	-1656

312	69	11	0.00	0.00		-1779	-1778	-1899	-1900
312	67	11	0.00	0.00		-1575	-1574	-1657	-1658
312	67	11	0.00	0.00		-2035	-2034	-2155	-2156
312	67	11	0.00	0.00		-1910	-1909	-2030	-2031
312	67	11	0.00	0.00		-1668	-1667	-1784	-1785
312	67	11	0.00	0.00		-1587	-1586	-1669	-1670
312	67	11	0.00	0.00		-1586	-1585	-1668	-1669
312	67	11	0.00	0.00		-1590	-1589	-1672	-1673
312	67	11	0.00	0.00		-2034	-2033	-2154	-2155
312	67	11	0.00	0.00		-2015	-2014	-2135	-2136
312	67	11	0.00	0.00		-1771	-1770	-1891	-1892
312	69	11	0.00	0.00		-1580	-1579	-1662	-1663
312	67	11	0.00	0.00		-2026	-2025	-2146	-2147
312	67	11	0.00	0.00		-1507	-1506	-1573	-1574
312	67	11	0.00	0.00		-1656	-1655	-1772	-1773
312	67	11	0.00	0.00		-1666	-1665	-1782	-1783
312	67	11	0.00	0.00		-1413	-1412	-1523	-1524
312	67	11	0.00	0.00		-1519	-1518	-1585	-1586
312	67	11	0.00	0.00		-1905	-1904	-2025	-2026
312	67	11	0.00	0.00		-1786	-1785	-1906	-1907
312	67	11	0.00	0.00		-1299	-1298	-1409	-1410
312	67	11	0.00	0.00		-1504	-1503	-1653	-1654
312	67	11	0.00	0.00		-1788	-1787	-1908	-1909
312	69	11	0.00	0.00		-1781	-1780	-1901	-1902
312	67	11	0.00	0.00		-1295	-1294	-1405	-1406
312	67	11	0.00	0.00		-2013	-2012	-2133	-2134
312	67	11	0.00	0.00		-1408	-1407	-1518	-1519
312	67	11	0.00	0.00		-1506	-1505	-1572	-1573
312	67	11	0.00	0.00		-1774	-1773	-1894	-1895
312	69	11	0.00	0.00		-1663	-1662	-1779	-1780
312	69	11	0.00	0.00		-1579	-1578	-1661	-1662
312	67	11	0.00	0.00		-1591	-1590	-1673	-1674
312	67	11	0.00	0.00		-1670	-1669	-1786	-1787
312	67	11	0.00	0.00		-1793	-1792	-1913	-1914
312	67	11	0.00	0.00		-1393	-1392	-1503	-1504
312	69	11	0.00	0.00		-1401	-1400	-1511	-1512
312	67	11	0.00	0.00		-1302	-1301	-1412	-1413
312	67	11	0.00	0.00		-1669	-1668	-1785	-1786
312	67	11	0.00	0.00		-1589	-1588	-1671	-1672
312	67	11	0.00	0.00		-1397	-1396	-1507	-1508
312	67	11	0.00	0.00		-1576	-1575	-1658	-1659
312	67	11	0.00	0.00		-1515	-1514	-1581	-1582
312	67	11	0.00	0.00		-1665	-1664	-1781	-1782
312	69	11	0.00	0.00		-1664	-1663	-1780	-1781
312	67	11	0.00	0.00		-2017	-2016	-2137	-2138
312	69	11	0.00	0.00		-1513	-1512	-1579	-1580
312	69	11	0.00	0.00		-1512	-1511	-1578	-1579
312	67	11	0.00	0.00		-1523	-1522	-1589	-1590
312	67	11	0.00	0.00		-1412	-1411	-1522	-1523
312	67	11	0.00	0.00		-1282	-1281	-1392	-1393
312	69	11	0.00	0.00		-1290	-1289	-1400	-1401
312	67	11	0.00	0.00		-1396	-1395	-1506	-1507
312	67	11	0.00	0.00		-1914	-1913	-2034	-2035
312	67	11	0.00	0.00		-2025	-2024	-2145	-2146
312	67	11	0.00	0.00		-2027	-2026	-2147	-2148
312	67	11	0.00	0.00		-2024	-2023	-2144	-2145
312	69	11	0.00	0.00		-2023	-2022	-2143	-2144
312	69	11	0.00	0.00		-2021	-2020	-2141	-2142
312	67	11	0.00	0.00		-1907	-1906	-2027	-2028
312	69	11	0.00	0.00		-1514	-1513	-1580	-1581
312	67	11	0.00	0.00		-1654	-1653	-1770	-1771
312	67	11	0.00	0.00		-1904	-1903	-2024	-2025
312	67	11	0.00	0.00		-1301	-1300	-1411	-1412
312	67	11	0.00	0.00		-1407	-1406	-1517	-1518
312	67	11	0.00	0.00		-1405	-1404	-1515	-1516
312	69	11	0.00	0.00		-1403	-1402	-1513	-1514
312	67	11	0.00	0.00		-1304	-1303	-1414	-1415
312	69	11	0.00	0.00		-1400	-1399	-1510	-1511
312	67	11	0.00	0.00		-1300	-1299	-1410	-1411
312	67	11	0.00	0.00		-1395	-1394	-1505	-1506
312	69	11	0.00	0.00		-1511	-1510	-1577	-1578
312	67	11	0.00	0.00		-1298	-1297	-1408	-1409
312	67	11	0.00	0.00		-1908	-1907	-2028	-2029
312	69	11	0.00	0.00		-1660	-1659	-1776	-1777
312	69	11	0.00	0.00		-1778	-1777	-1898	-1899
312	67	11	0.00	0.00		-1906	-1905	-2026	-2027
312	77	11	0.00	0.00		-1287	-1286	-1397	-1398
312	67	11	0.00	0.00		-1903	-1902	-2023	-2024
312	67	11	0.00	0.00		-1909	-1908	-2029	-2030

312	67	11	0.00	0.00		-1787	-1786	-1907	-1908
312	67	11	0.00	0.00		-1789	-1788	-1909	-1910
312	67	11	0.00	0.00		-1676	-1675	-1792	-1793
312	67	11	0.00	0.00		-1284	-1283	-1394	-1395
312	67	11	0.00	0.00		-1285	-1284	-1395	-1396
312	67	11	0.00	0.00		-1286	-1285	-1396	-1397
312	67	11	0.00	0.00		-2028	-2027	-2148	-2149
312	67	11	0.00	0.00		-2033	-2032	-2153	-2154
312	67	11	0.00	0.00		-1782	-1781	-1902	-1903
312	69	11	0.00	0.00		-1902	-1901	-2022	-2023
312	69	11	0.00	0.00		-1898	-1897	-2018	-2019
312	69	11	0.00	0.00		-1661	-1660	-1777	-1778
312	69	11	0.00	0.00		-1899	-1898	-2019	-2020
312	67	11	0.00	0.00		-1582	-1581	-1664	-1665
312	69	11	0.00	0.00		-2022	-2021	-2142	-2143
312	69	11	0.00	0.00		-1662	-1661	-1778	-1779
312	69	11	0.00	0.00		-1900	-1899	-2020	-2021
312	67	11	0.00	0.00		-1404	-1403	-1514	-1515
312	69	11	0.00	0.00		-1289	-1288	-1399	-1400
312	67	11	0.00	0.00		-1526	-1525	-1675	-1676
312	69	11	0.00	0.00		-1399	-1398	-1509	-1510
312	67	11	0.00	0.00		-2031	-2030	-2151	-2152
312	67	11	0.00	0.00		-1791	-1790	-1911	-1912
312	69	11	0.00	0.00		-1777	-1776	-1897	-1898
312	67	11	0.00	0.00		-1297	-1296	-1407	-1408
312	67	11	0.00	0.00		-1293	-1292	-1403	-1404
312	69	11	0.00	0.00		-1510	-1509	-1576	-1577
312	69	11	0.00	0.00		-1292	-1291	-1402	-1403
312	67	11	0.00	0.00		-1659	-1658	-1775	-1776
312	69	11	0.00	0.00		-1581	-1580	-1663	-1664
312	67	11	0.00	0.00		-1772	-1771	-1892	-1893
312	67	11	0.00	0.00		-2029	-2028	-2149	-2150
312	67	11	0.00	0.00		-1283	-1282	-1393	-1394
312	67	11	0.00	0.00		-1294	-1293	-1404	-1405
312	67	11	0.00	0.00		-1508	-1507	-1574	-1575
312	67	11	0.00	0.00		-1583	-1582	-1665	-1666
312	69	11	0.00	0.00		-1288	-1287	-1398	-1399
312	67	11	0.00	0.00		-1673	-1672	-1789	-1790
312	67	11	0.00	0.00		-1296	-1295	-1406	-1407
312	69	11	0.00	0.00		-1402	-1401	-1512	-1513
312	67	11	0.00	0.00		-1658	-1657	-1774	-1775
313	68	11	0.00	0.00		-1243	-1273	-1385	-1360
313	68	11	0.00	0.00		-1942	-1945	-2066	-2063
313	68	11	0.00	0.00		-1883	-1890	-2011	-2004
313	68	11	0.00	0.00		-1945	-1958	-2079	-2066
313	65	11	0.00	0.00		-2087	-2096	-2164	-2183
313	68	11	0.00	0.00		-1280	-1292	-1403	-1391
313	68	11	0.00	0.00		-1621	-1646	-1763	-1735
313	68	11	0.00	0.00		-1273	-1280	-1391	-1385
313	65	11	0.00	0.00		-2063	-2066	-2177	
313	68	11	0.00	0.00		-1966	-1975	-2096	-2087
313	68	11	0.00	0.00		-1442	-1445	-1707	-1704
313	68	11	0.00	0.00		-1837	-1845	-1966	-1958
313	68	11	0.00	0.00		-1922	-1936	-2057	-2043
313	68	11	0.00	0.00		-1684	-1698	-1815	-1801
313	65	11	0.00	0.00		-2043	-2057	-2177	
313	65	11	0.00	0.00		-2057	-2063	-2177	
313	68	11	0.00	0.00		-1707	-1720	-1837	-1824
313	68	11	0.00	0.00		-1646	-1652	-1769	-1763
313	68	11	0.00	0.00		-1566	-1571	-1652	-1646
313	68	11	0.00	0.00		-1331	-1334	-1445	-1442
313	68	11	0.00	0.00		-1312	-1326	-1437	-1423
313	68	11	0.00	0.00		-1423	-1437	-1698	-1684
313	65	11	0.00	0.00		-2079	-2087	-2183	-2177
313	65	11	0.00	0.00		-2164	-2132	-2144	
313	68	11	0.00	0.00		-1845	-1854	-1975	-1966
313	68	11	0.00	0.00		-1821	-1824	-1945	-1942
313	68	11	0.00	0.00		-1815	-1821	-1942	-1936
313	68	11	0.00	0.00		-1801	-1815	-1936	-1922
313	68	11	0.00	0.00		-1890	-1902	-2023	-2011
313	68	11	0.00	0.00		-1548	-1566	-1646	-1621
313	68	11	0.00	0.00		-1698	-1704	-1821	-1815
313	65	11	0.00	0.00		-2096	-2125	-2164	
313	68	11	0.00	0.00		-1958	-1966	-2087	-2079
313	68	11	0.00	0.00		-1192	-1206	-1326	-1312
313	68	11	0.00	0.00		-1212	-1215	-1334	-1331
313	68	11	0.00	0.00		-1975	-2004	-2125	-2096
313	68	11	0.00	0.00		-1326	-1331	-1442	-1437
313	65	11	0.00	0.00		-2066	-2079	-2177	

313	68	11	0.00	0.00		-2011	-2023	-2144	-2132
313	68	11	0.00	0.00		-1571	-1581	-1664	-1652
313	68	11	0.00	0.00		-1206	-1212	-1331	-1326
313	68	11	0.00	0.00		-1854	-1883	-2004	-1975
313	68	11	0.00	0.00		-1215	-1228	-1347	-1334
313	68	11	0.00	0.00		-1704	-1707	-1824	-1821
313	68	11	0.00	0.00		-1437	-1442	-1704	-1698
313	68	11	0.00	0.00		-1769	-1781	-1902	-1890
313	68	11	0.00	0.00		-1496	-1502	-1571	-1566
313	68	11	0.00	0.00		-1228	-1243	-1360	-1347
313	65	11	0.00	0.00		-2164	-2125	-2132	
313	68	11	0.00	0.00		-1735	-1763	-1883	-1854
313	68	11	0.00	0.00		-1824	-1837	-1958	-1945
313	68	11	0.00	0.00		-1763	-1769	-1890	-1883
313	68	11	0.00	0.00		-1502	-1514	-1581	-1571
313	68	11	0.00	0.00		-1385	-1391	-1502	-1496
313	68	11	0.00	0.00		-2004	-2011	-2132	-2125
313	68	11	0.00	0.00		-1445	-1458	-1720	-1707
313	68	11	0.00	0.00		-1936	-1942	-2063	-2057
313	68	11	0.00	0.00		-1391	-1403	-1514	-1502
313	68	11	0.00	0.00		-1652	-1664	-1781	-1769
313	68	11	0.00	0.00		-1471	-1496	-1566	-1548
313	68	11	0.00	0.00		-1334	-1347	-1458	-1445
313	68	11	0.00	0.00		-1360	-1385	-1496	-1471
314	67	11	0.00	0.00		-1701	-1677	-1794	-1818
314	67	11	0.00	0.00		-1268	-1250	-1367	-1380
314	67	11	0.00	0.00		-1891	-1887	-2008	-2012
314	67	11	0.00	0.00		-1726	-1711	-1828	-1843
314	67	11	0.00	0.00		-1353	-1338	-1449	-1464
314	67	11	0.00	0.00		-2129	-2120	-2180	
314	67	11	0.00	0.00		-1742	-1730	-1848	-1861
314	67	11	0.00	0.00		-1464	-1449	-1711	-1726
314	67	11	0.00	0.00		-1848	-1843	-1964	-1969
314	67	11	0.00	0.00		-1706	-1701	-1818	-1823
314	67	11	0.00	0.00		-1440	-1416	-1677	-1701
314	67	11	0.00	0.00		-1338	-1333	-1444	-1449
314	67	11	0.00	0.00		-1449	-1444	-1706	-1711
314	67	11	0.00	0.00		-1219	-1214	-1333	-1338
314	67	11	0.00	0.00		-1823	-1818	-1939	-1944
314	67	11	0.00	0.00		-1235	-1219	-1338	-1353
314	67	11	0.00	0.00		-1388	-1380	-1491	-1499
314	67	11	0.00	0.00		-2008	-1999	-2120	-2129
314	67	11	0.00	0.00		-1444	-1440	-1701	-1706
314	67	11	0.00	0.00		-1828	-1823	-1944	-1949
314	67	11	0.00	0.00		-1641	-1628	-1742	-1758
314	67	11	0.00	0.00		-1861	-1848	-1969	-1982
314	67	11	0.00	0.00		-1329	-1305	-1416	-1440
314	67	11	0.00	0.00		-1333	-1329	-1440	-1444
314	67	11	0.00	0.00		-1887	-1878	-1999	-2008
314	67	11	0.00	0.00		-1999	-1982	-2103	-2120
314	67	11	0.00	0.00		-1982	-1969	-2090	-2103
314	67	11	0.00	0.00		-2070	-2065	-2171	
314	67	11	0.00	0.00		-1711	-1706	-1823	-1828
314	77	11	0.00	0.00		-1250	-1237	-1355	-1367
314	67	11	0.00	0.00		-1281	-1277	-1388	-1392
314	67	11	0.00	0.00		-1649	-1641	-1758	-1766
314	67	11	0.00	0.00		-1766	-1758	-1878	-1887
314	67	11	0.00	0.00		-1758	-1742	-1861	-1878
314	67	11	0.00	0.00		-1209	-1185	-1305	-1329
314	67	11	0.00	0.00		-1949	-1944	-2065	-2070
314	67	11	0.00	0.00		-2133	-2129	-2180	
314	67	11	0.00	0.00		-1380	-1367	-1478	-1491
314	67	11	0.00	0.00		-1503	-1499	-1649	-1653
314	67	11	0.00	0.00		-2103	-2090	-2180	
314	67	11	0.00	0.00		-1944	-1939	-2060	-2065
314	67	11	0.00	0.00		-1843	-1828	-1949	-1964
314	67	11	0.00	0.00		-1392	-1388	-1499	-1503
314	67	11	0.00	0.00		-1818	-1794	-1915	-1939
314	67	11	0.00	0.00		-1969	-1964	-2085	-2090
314	67	11	0.00	0.00		-2090	-2085	-2171	-2180
314	67	11	0.00	0.00		-2065	-2060	-2171	
314	67	11	0.00	0.00		-1277	-1268	-1380	-1388
314	67	11	0.00	0.00		-2060	-2036	-2171	
314	67	11	0.00	0.00		-2085	-2070	-2171	
314	67	11	0.00	0.00		-1939	-1915	-2036	-2060
314	67	11	0.00	0.00		-1878	-1861	-1982	-1999
314	67	11	0.00	0.00		-2120	-2103	-2180	
314	67	11	0.00	0.00		-2012	-2008	-2129	-2133
314	67	11	0.00	0.00		-1355	-1353	-1464	-1466

314	67	11	0.00	0.00		-1770	-1766	-1887	-1891
314	67	11	0.00	0.00		-1466	-1464	-1726	-1730
314	67	11	0.00	0.00		-2090	-2085	-2180	
314	67	11	0.00	0.00		-1964	-1949	-2070	-2085
314	67	11	0.00	0.00		-1730	-1726	-1843	-1848
314	67	11	0.00	0.00		-1499	-1491	-1641	-1649
314	67	11	0.00	0.00		-1653	-1649	-1766	-1770
314	67	11	0.00	0.00		-1237	-1235	-1353	-1355
314	67	11	0.00	0.00		-1214	-1209	-1329	-1333
314	67	11	0.00	0.00		-1491	-1478	-1628	-1641
315	80	11	0.00	-0.10		-1342	-1341	-1452	-1453
315	80	11	0.00	-0.10		-1223	-1222	-1341	-1342
315	80	11	0.00	-0.10		-1832	-1831	-1952	-1953
315	80	11	0.00	-0.10		-1609	-1608	-1714	-1715
315	80	11	0.00	-0.10		-1953	-1952	-2073	-2074
315	80	11	0.00	-0.10		-1715	-1714	-1831	-1832
315	80	11	0.00	-0.10		-1453	-1452	-1539	-1540
315	80	11	0.00	-0.10		-1540	-1539	-1608	-1609
316	68	11	0.00	0.00		-1712	-1713	-1830	-1829
316	68	11	0.00	0.00		-1713	-1714	-1831	-1830
316	65	11	0.00	0.00		-2071	-2072	-2173	-2172
316	68	11	0.00	0.00		-1338	-1339	-1450	-1449
316	68	11	0.00	0.00		-1219	-1220	-1339	-1338
316	68	11	0.00	0.00		-1830	-1831	-1952	-1951
316	68	11	0.00	0.00		-1949	-1950	-2071	-2070
316	68	11	0.00	0.00		-1950	-1951	-2072	-2071
316	65	11	0.00	0.00		-2070	-2071	-2172	-2171
316	68	11	0.00	0.00		-1449	-1450	-1712	-1711
316	68	11	0.00	0.00		-1711	-1712	-1829	-1828
316	68	11	0.00	0.00		-1450	-1451	-1713	-1712
316	68	11	0.00	0.00		-1828	-1829	-1950	-1949
316	68	11	0.00	0.00		-1951	-1952	-2073	-2072
316	68	11	0.00	0.00		-1829	-1830	-1951	-1950
316	68	11	0.00	0.00		-1220	-1221	-1340	-1339
316	68	11	0.00	0.00		-1339	-1340	-1451	-1450
317	65	11	0.00	0.00		-1817	-1814	-1935	-1938
317	65	11	0.00	0.00		-1208	-1205	-1325	-1328
317	65	11	0.00	0.00		-1608	-1606	-1709	-1714
317	65	11	0.00	0.00		-1494	-1469	-1546	-1564
317	65	11	0.00	0.00		-1761	-1733	-1851	-1881
317	65	11	0.00	0.00		-1222	-1217	-1336	-1341
317	65	11	0.00	0.00		-1881	-1851	-1972	-2002
317	65	11	0.00	0.00		-1564	-1546	-1619	-1644
317	65	11	0.00	0.00		-1814	-1797	-1918	-1935
317	65	11	0.00	0.00		-1842	-1831	-1952	-1963
317	65	11	0.00	0.00		-1644	-1619	-1733	-1761
317	65	11	0.00	0.00		-1773	-1761	-1881	-1894
317	65	11	0.00	0.00		-1894	-1881	-2002	-2015
317	65	11	0.00	0.00		-1506	-1494	-1564	-1573
317	65	11	0.00	0.00		-2073	-2068	-2174	
317	65	11	0.00	0.00		-1697	-1680	-1797	-1814
317	65	11	0.00	0.00		-1733	-1727	-1844	-1851
317	65	11	0.00	0.00		-1436	-1419	-1528	-1533
317	65	11	0.00	0.00		-1539	-1537	-1606	-1608
317	65	11	0.00	0.00		-1573	-1564	-1644	-1656
317	65	11	0.00	0.00		-1938	-1935	-2056	-2059
317	65	11	0.00	0.00		-2002	-1972	-2093	-2123
317	65	11	0.00	0.00		-1535	-1533	-1600	-1602
317	65	11	0.00	0.00		-2061	-2059	-2174	
317	65	11	0.00	0.00		-1656	-1644	-1761	-1773
317	65	11	0.00	0.00		-1615	-1608	-1714	-1725
317	65	11	0.00	0.00		-1602	-1600	-1697	-1700
317	65	11	0.00	0.00		-1963	-1952	-2073	-2084
317	65	11	0.00	0.00		-1439	-1436	-1533	-1535
317	65	11	0.00	0.00		-1234	-1222	-1341	-1352
317	65	11	0.00	0.00		-1352	-1341	-1452	-1463
317	65	11	0.00	0.00		-1709	-1702	-1819	-1826
317	65	11	0.00	0.00		-1725	-1714	-1831	-1842
317	65	11	0.00	0.00		-1940	-1938	-2059	-2061
317	65	11	0.00	0.00		-1452	-1447	-1537	-1539
317	65	11	0.00	0.00		-1271	-1240	-1358	-1383
317	65	11	0.00	0.00		-1700	-1697	-1814	-1817
317	65	11	0.00	0.00		-1284	-1271	-1383	-1395
317	65	11	0.00	0.00		-1952	-1947	-2068	-2073
317	65	11	0.00	0.00		-1831	-1826	-1947	-1952
317	65	11	0.00	0.00		-2068	-2061	-2174	
317	65	11	0.00	0.00		-2174	-2059	-2056	
317	65	11	0.00	0.00		-1947	-1940	-2061	-2068
317	65	11	0.00	0.00		-1826	-1819	-1940	-1947

317	65	11	0.00	0.00		-2015	-2002	-2123	-2136
317	65	11	0.00	0.00		-1851	-1844	-1965	-1972
317	65	11	0.00	0.00		-1205	-1188	-1308	-1325
317	65	11	0.00	0.00		-1395	-1383	-1494	-1506
317	65	11	0.00	0.00		-1543	-1539	-1608	-1615
317	65	11	0.00	0.00		-1341	-1336	-1447	-1452
317	65	11	0.00	0.00		-1727	-1725	-1842	-1844
317	65	11	0.00	0.00		-1702	-1700	-1817	-1819
317	65	11	0.00	0.00		-1533	-1528	-1593	-1600
317	65	11	0.00	0.00		-1935	-1918	-2039	-2056
317	65	11	0.00	0.00		-1819	-1817	-1938	-1940
317	65	11	0.00	0.00		-1714	-1709	-1826	-1831
317	65	11	0.00	0.00		-1463	-1452	-1539	-1543
317	65	11	0.00	0.00		-1600	-1593	-1680	-1697
317	65	11	0.00	0.00		-1325	-1308	-1419	-1436
317	65	11	0.00	0.00		-1972	-1965	-2086	-2093
317	65	11	0.00	0.00		-2174	-2056	-2039	
317	65	11	0.00	0.00		-1383	-1358	-1469	-1494
317	65	11	0.00	0.00		-1965	-1963	-2084	-2086
317	65	11	0.00	0.00		-1844	-1842	-1963	-1965
317	65	11	0.00	0.00		-1328	-1325	-1436	-1439
317	65	11	0.00	0.00		-2136	-2123	-2175	
317	65	11	0.00	0.00		-2123	-2093	-2175	
318	68	11	-0.03	-0.03		-2179	-2083	-2082	
318	68	11	-0.03	-0.03		-1723	-1722	-1839	-1840
318	68	11	-0.03	-0.03		-1233	-1232	-1350	-1351
318	68	11	-0.03	-0.03		-1232	-1231	-1349	-1350
318	68	11	-0.03	-0.03		-1840	-1839	-1960	-1961
318	68	11	-0.03	-0.03		-2178	-2179	-2081	-2080
318	68	11	-0.03	-0.03		-1351	-1350	-1461	-1462
318	68	11	-0.03	-0.03		-1722	-1721	-1838	-1839
318	68	11	-0.03	-0.03		-1724	-1723	-1840	-1841
318	68	11	-0.03	-0.03		-1839	-1838	-1959	-1960
318	68	11	-0.03	-0.03		-2179	-2082	-2081	
318	68	11	-0.03	-0.03		-1614	-1613	-1723	-1724
318	68	11	-0.03	-0.03		-1350	-1349	-1460	-1461
318	68	11	-0.03	-0.03		-1613	-1612	-1722	-1723
318	68	11	-0.03	-0.03		-1960	-1959	-2080	-2081
318	68	11	-0.03	-0.03		-1961	-1960	-2081	-2082
318	68	11	-0.03	-0.03		-1462	-1461	-1613	-1614
318	68	11	-0.03	-0.03		-1841	-1840	-1961	-1962
318	68	11	-0.03	-0.03		-1962	-1961	-2082	-2083
318	68	11	-0.03	-0.03		-1461	-1460	-1612	-1613
319	80	11	0.00	0.00		-1541	-1540	-1609	-1610
319	80	11	0.00	0.00		-1955	-1954	-2075	-2076
319	80	11	0.00	0.00		-1720	-1719	-1836	-1837
319	80	11	0.00	0.00		-1837	-1836	-1957	-1958
319	80	11	0.00	0.00		-1458	-1457	-1719	-1720
319	80	11	0.00	0.00		-1717	-1716	-1833	-1834
319	80	11	0.00	0.00		-1956	-1955	-2076	-2077
319	80	11	0.00	0.00		-1343	-1342	-1453	-1454
319	80	11	0.00	0.00		-1836	-1835	-1956	-1957
319	80	11	0.00	0.00		-1228	-1227	-1346	-1347
319	80	11	0.00	0.00		-1719	-1718	-1835	-1836
319	80	11	0.00	0.00		-1954	-1953	-2074	-2075
319	80	11	0.00	0.00		-1454	-1453	-1540	-1541
319	80	11	0.00	0.00		-1456	-1455	-1717	-1718
319	80	11	0.00	0.00		-1226	-1225	-1344	-1345
319	80	11	0.00	0.00		-1958	-1957	-2078	-2079
319	80	11	0.00	0.00		-1610	-1609	-1715	-1716
319	80	11	0.00	0.00		-1224	-1223	-1342	-1343
319	80	11	0.00	0.00		-1833	-1832	-1953	-1954
319	80	11	0.00	0.00		-1716	-1715	-1832	-1833
319	80	11	0.00	0.00		-1345	-1344	-1455	-1456
319	80	11	0.00	0.00		-1834	-1833	-1954	-1955
319	80	11	0.00	0.00		-1718	-1717	-1834	-1835
319	80	11	0.00	0.00		-1347	-1346	-1457	-1458
319	80	11	0.00	0.00		-1835	-1834	-1955	-1956
319	80	11	0.00	0.00		-1957	-1956	-2077	-2078
320	68	11	0.00	0.00		-1408	-1378	-1489	-1519
320	68	11	0.00	0.00		-1744	-1737	-1856	-1863
320	68	11	0.00	0.00		-1297	-1265	-1378	-1408
320	68	11	0.00	0.00		-1630	-1623	-1737	-1744
320	68	11	0.00	0.00		-1480	-1473	-1550	-1556
320	68	11	0.00	0.00		-1374	-1369	-1480	-1485
320	68	11	0.00	0.00		-1669	-1639	-1756	-1786
320	68	11	0.00	0.00		-1984	-1977	-2098	-2105
320	68	11	0.00	0.00		-1786	-1756	-1875	-1907
320	68	11	0.00	0.00		-1556	-1550	-1623	-1630

320	68	11	0.00	0.00		-1369	-1362	-1473	-1480
320	65	11	0.00	0.00		-2105	-2098	-2166	
320	68	11	0.00	0.00		-1252	-1245	-1362	-1369
320	68	11	0.00	0.00		-1869	-1863	-1984	-1990
320	68	11	0.00	0.00		-1586	-1561	-1639	-1669
320	68	11	0.00	0.00		-1558	-1556	-1630	-1635
320	68	11	0.00	0.00		-1258	-1252	-1369	-1374
320	68	11	0.00	0.00		-1750	-1744	-1863	-1869
320	68	11	0.00	0.00		-1519	-1489	-1561	-1586
320	68	11	0.00	0.00		-1990	-1984	-2105	-2111
320	68	11	0.00	0.00		-1485	-1480	-1556	-1558
320	68	11	0.00	0.00		-1996	-1990	-2111	-2117
320	68	11	0.00	0.00		-1875	-1869	-1990	-1996
320	68	11	0.00	0.00		-2028	-1996	-2117	-2149
320	65	11	0.00	0.00		-2111	-2105	-2166	-2160
320	68	11	0.00	0.00		-1907	-1875	-1996	-2028
320	65	11	0.00	0.00		-2149	-2117	-2157	
320	68	11	0.00	0.00		-1863	-1856	-1977	-1984
320	68	11	0.00	0.00		-1635	-1630	-1744	-1750
321	68	11	0.00	0.00		-1856	-1857	-1978	-1977
321	68	11	0.00	0.00		-1550	-1551	-1624	-1623
321	68	11	0.00	0.00		-1553	-1554	-1627	-1626
321	68	11	0.00	0.00		-1473	-1474	-1551	-1550
321	65	11	0.00	0.00		-2100	-2101	-2169	-2168
321	68	11	0.00	0.00		-1365	-1366	-1477	-1476
321	68	11	0.00	0.00		-1364	-1365	-1476	-1475
321	68	11	0.00	0.00		-1977	-1978	-2099	-2098
321	68	11	0.00	0.00		-1738	-1739	-1858	-1857
321	65	11	0.00	0.00		-2101	-2102	-2170	-2169
321	68	11	0.00	0.00		-1363	-1364	-1475	-1474
321	68	11	0.00	0.00		-1552	-1553	-1626	-1625
321	68	11	0.00	0.00		-1626	-1627	-1741	-1740
321	68	11	0.00	0.00		-1979	-1980	-2101	-2100
321	68	11	0.00	0.00		-1476	-1477	-1554	-1553
321	65	11	0.00	0.00		-2097	-2098	-2166	-2165
321	68	11	0.00	0.00		-1859	-1860	-1981	-1980
321	65	11	0.00	0.00		-2099	-2100	-2168	-2167
321	68	11	0.00	0.00		-1623	-1624	-1738	-1737
321	68	11	0.00	0.00		-1247	-1248	-1365	-1364
321	68	11	0.00	0.00		-1740	-1741	-1860	-1859
321	68	11	0.00	0.00		-1980	-1981	-2102	-2101
321	68	11	0.00	0.00		-1362	-1363	-1474	-1473
321	68	11	0.00	0.00		-1624	-1625	-1739	-1738
321	68	11	0.00	0.00		-1551	-1552	-1625	-1624
321	68	11	0.00	0.00		-1475	-1476	-1553	-1552
321	68	11	0.00	0.00		-1246	-1247	-1364	-1363
321	68	11	0.00	0.00		-1625	-1626	-1740	-1739
321	68	11	0.00	0.00		-1739	-1740	-1859	-1858
321	68	11	0.00	0.00		-1857	-1858	-1979	-1978
321	65	11	0.00	0.00		-2096	-2097	-2165	-2164
321	68	11	0.00	0.00		-1245	-1246	-1363	-1362
321	68	11	0.00	0.00		-1474	-1475	-1552	-1551
321	68	11	0.00	0.00		-1978	-1979	-2100	-2099
321	68	11	0.00	0.00		-1858	-1859	-1980	-1979
321	68	11	0.00	0.00		-1737	-1738	-1857	-1856
321	68	11	0.00	0.00		-1248	-1249	-1366	-1365
321	65	11	0.00	0.00		-2098	-2099	-2167	-2166
322	82	11	0.00	0.00		-1731	-1741	-1860	-1849
322	68	11	0.00	0.00		-1568	-1570	-1651	-1648
322	68	11	0.00	0.00		-2001	-2007	-2128	-2122
322	68	11	0.00	0.00		-1880	-1886	-2007	-2001
322	68	11	0.00	0.00		-1207	-1211	-1330	-1327
322	68	11	0.00	0.00		-1348	-1354	-1465	-1459
322	68	11	0.00	0.00		-1931	-1937	-2058	-2052
322	82	11	0.00	0.00		-1728	-1731	-1849	-1846
322	68	11	0.00	0.00		-1276	-1279	-1390	-1387
322	68	11	0.00	0.00		-1967	-1970	-2091	-2088
322	68	11	0.00	0.00		-1201	-1207	-1327	-1321
322	68	11	0.00	0.00		-1330	-1337	-1448	-1441
322	68	11	0.00	0.00		-1327	-1330	-1441	-1438
322	82	11	0.00	0.00		-1617	-1627	-1741	-1731
322	68	11	0.00	0.00		-1596	-1601	-1699	-1693
322	68	11	0.00	0.00		-2158	-2118	-2122	
322	82	11	0.20	0.20		-1270	-1276	-1387	-1382
322	82	11	0.00	0.00		-1545	-1554	-1627	-1617
322	68	11	0.00	0.00		-1337	-1348	-1459	-1448
322	68	11	0.00	0.00		-1438	-1441	-1536	-1534
322	68	11	0.00	0.00		-1211	-1218	-1337	-1330
322	68	11	0.00	0.00		-1218	-1229	-1348	-1337

322	68	11	0.00	0.00		-1229	-1236	-1354	-1348
322	82	11	0.20	0.20		-1643	-1648	-1765	-1760
322	82	11	0.20	0.20		-1493	-1498	-1568	-1563
322	68	11	0.00	0.00		-1366	-1370	-1481	-1477
322	68	11	0.00	0.00		-1370	-1375	-1486	-1481
322	68	11	0.00	0.00		-1872	-1873	-1994	-1993
322	68	11	0.00	0.00		-1321	-1327	-1438	-1432
322	68	11	0.00	0.00		-1390	-1411	-1522	-1501
322	68	11	0.00	0.00		-1693	-1699	-1816	-1810
322	68	11	0.00	0.00		-1253	-1259	-1375	-1370
322	68	11	0.00	0.00		-1948	-1959	-2080	-2069
322	68	11	0.00	0.00		-1279	-1300	-1411	-1390
322	68	11	0.00	0.00		-1542	-1544	-1616	-1611
322	68	11	0.00	0.00		-1490	-1493	-1563	-1562
322	68	11	0.00	0.00		-1611	-1616	-1728	-1721
322	68	11	0.00	0.00		-1721	-1728	-1846	-1838
322	68	11	0.00	0.00		-1959	-1967	-2088	-2080
322	82	11	0.00	0.00		-1465	-1467	-1545	-1544
322	68	11	0.00	0.00		-1236	-1238	-1356	-1354
322	68	11	0.00	0.00		-1760	-1765	-1886	-1880
322	68	11	0.00	0.00		-1753	-1754	-1873	-1872
322	68	11	0.00	0.00		-2052	-2058	-2178	
322	68	11	0.00	0.00		-1993	-1994	-2115	-2114
322	82	11	0.20	0.20		-1563	-1568	-1648	-1643
322	68	11	0.00	0.00		-1531	-1534	-1601	-1596
322	68	11	0.00	0.00		-1754	-1757	-1876	-1873
322	68	11	0.00	0.00		-2080	-2088	-2184	-2178
322	68	11	0.00	0.00		-1994	-1997	-2118	-2115
322	68	11	0.00	0.00		-1873	-1876	-1997	-1994
322	68	11	0.00	0.00		-1970	-1981	-2102	-2091
322	68	11	0.00	0.00		-1477	-1481	-1557	-1554
322	68	11	0.00	0.00		-1816	-1820	-1941	-1937
322	68	11	0.00	0.00		-1849	-1860	-1981	-1970
322	82	11	0.00	0.00		-1616	-1617	-1731	-1728
322	68	11	0.00	0.00		-1562	-1563	-1643	-1640
322	68	11	0.00	0.00		-1631	-1636	-1751	-1745
322	68	11	0.00	0.00		-1238	-1249	-1366	-1356
322	68	11	0.00	0.00		-1249	-1253	-1370	-1366
322	68	11	0.00	0.00		-1387	-1390	-1501	-1498
322	68	11	0.00	0.00		-1648	-1651	-1768	-1765
322	68	11	0.00	0.00		-2069	-2080	-2178	
322	68	11	0.00	0.00		-1432	-1438	-1534	-1531
322	68	11	0.00	0.00		-2088	-2091	-2170	-2184
322	68	11	0.00	0.00		-2091	-2102	-2170	
322	68	11	0.00	0.00		-2102	-2106	-2161	-2170
322	68	11	0.00	0.00		-2106	-2112	-2159	-2161
322	68	11	0.00	0.00		-2158	-2115	-2118	
322	68	11	0.00	0.00		-2122	-2128	-2158	
322	68	11	0.00	0.00		-2128	-2131	-2158	
322	68	11	0.00	0.00		-2131	-2152	-2158	
322	68	11	0.00	0.00		-2010	-2031	-2152	-2131
322	82	11	0.20	0.20		-1382	-1387	-1498	-1493
322	68	11	0.00	0.00		-1557	-1559	-1636	-1631
322	68	11	0.00	0.00		-2058	-2062	-2178	
322	68	11	0.00	0.00		-1498	-1501	-1570	-1568
322	68	11	0.00	0.00		-1570	-1589	-1672	-1651
322	68	11	0.00	0.00		-1538	-1542	-1611	-1607
322	68	11	0.00	0.00		-1710	-1721	-1838	-1827
322	68	11	0.00	0.00		-1266	-1270	-1382	-1379
322	68	11	0.00	0.00		-1379	-1382	-1493	-1490
322	68	11	0.00	0.00		-1459	-1465	-1544	-1542
322	82	11	0.00	0.00		-1354	-1356	-1467	-1465
322	68	11	0.00	0.00		-1534	-1536	-1603	-1601
322	68	11	0.00	0.00		-1554	-1557	-1631	-1627
322	68	11	0.00	0.00		-1820	-1827	-1948	-1941
322	68	11	0.00	0.00		-1481	-1486	-1559	-1557
322	82	11	0.00	0.00		-1544	-1545	-1617	-1616
322	68	11	0.00	0.00		-1741	-1745	-1864	-1860
322	68	11	0.00	0.00		-1981	-1985	-2106	-2102
322	68	11	0.00	0.00		-1838	-1846	-1967	-1959
322	68	11	0.00	0.00		-2062	-2069	-2178	
322	68	11	0.00	0.00		-1607	-1611	-1721	-1710
322	82	11	0.00	0.00		-1467	-1477	-1554	-1545
322	68	11	0.00	0.00		-1860	-1864	-1985	-1981
322	68	11	0.00	0.00		-1864	-1870	-1991	-1985
322	68	11	0.00	0.00		-1751	-1753	-1872	-1870
322	68	11	0.00	0.00		-1991	-1993	-2114	-2112
322	68	11	0.00	0.00		-1640	-1643	-1760	-1757
322	68	11	0.00	0.00		-1757	-1760	-1880	-1876

322	68	11	0.00	0.00		-1876	-1880	-2001	-1997
322	68	11	0.00	0.00		-1997	-2001	-2122	-2118
322	82	11	0.00	0.00		-1356	-1366	-1477	-1467
322	68	11	0.00	0.00		-1889	-1910	-2031	-2010
322	68	11	0.00	0.00		-1441	-1448	-1538	-1536
322	68	11	0.00	0.00		-1536	-1538	-1607	-1603
322	68	11	0.00	0.00		-1846	-1849	-1970	-1967
322	68	11	0.00	0.00		-1603	-1607	-1710	-1703
322	68	11	0.00	0.00		-1810	-1816	-1937	-1931
322	68	11	0.00	0.00		-1448	-1459	-1542	-1538
322	68	11	0.00	0.00		-1745	-1751	-1870	-1864
322	68	11	0.00	0.00		-1985	-1991	-2112	-2106
322	68	11	0.00	0.00		-1870	-1872	-1993	-1991
322	68	11	0.00	0.00		-1765	-1768	-1889	-1886
322	68	11	0.00	0.00		-2007	-2010	-2131	-2128
322	68	11	0.00	0.00		-1601	-1603	-1703	-1699
322	68	11	0.00	0.00		-1627	-1631	-1745	-1741
322	68	11	0.00	0.00		-1768	-1789	-1910	-1889
322	68	11	0.00	0.00		-1699	-1703	-1820	-1816
322	68	11	0.00	0.00		-1941	-1948	-2069	-2062
322	68	11	0.00	0.00		-1937	-1941	-2062	-2058
322	68	11	0.00	0.00		-1827	-1838	-1959	-1948
322	68	11	0.00	0.00		-1886	-1889	-2010	-2007
322	68	11	0.00	0.00		-1703	-1710	-1827	-1820
322	68	11	0.00	0.00		-1651	-1672	-1789	-1768
322	68	11	0.00	0.00		-1501	-1522	-1589	-1570
323	65	11	0.03	0.03		-1867	-1866	-1987	-1988
323	65	11	0.03	0.03		-1256	-1255	-1371	-1372
323	65	11	0.03	0.03		-1988	-1987	-2108	-2109
323	65	11	0.03	0.03		-1257	-1256	-1372	-1373
323	65	11	0.03	0.03		-1483	-1482	-1632	-1633
323	65	11	0.03	0.03		-2110	-2109	-2163	
323	65	11	0.03	0.03		-1986	-1985	-2106	-2107
323	65	11	0.03	0.03		-1748	-1747	-1866	-1867
323	65	11	0.03	0.03		-1747	-1746	-1865	-1866
323	65	11	0.03	0.03		-1865	-1864	-1985	-1986
323	65	11	0.03	0.03		-1989	-1988	-2109	-2110
323	65	11	0.03	0.03		-1866	-1865	-1986	-1987
323	65	11	0.03	0.03		-1746	-1745	-1864	-1865
323	65	11	0.03	0.03		-1372	-1371	-1482	-1483
323	65	11	0.03	0.03		-2163	-2109	-2108	
323	65	11	0.03	0.03		-1633	-1632	-1747	-1748
323	65	11	0.03	0.03		-1868	-1867	-1988	-1989
323	65	11	0.03	0.03		-1749	-1748	-1867	-1868
323	65	11	0.03	0.03		-2163	-2108	-2162	
323	65	11	0.03	0.03		-1373	-1372	-1483	-1484
323	65	11	0.03	0.03		-1484	-1483	-1633	-1634
323	65	11	0.03	0.03		-1634	-1633	-1748	-1749
323	65	11	0.03	0.03		-1987	-1986	-2107	-2108
324	65	11	0.06	0.06		-1734	-1743	-1862	-1852
324	65	11	0.06	0.06		-1983	-1995	-2116	-2104
324	29	11	0.06	0.06		-2124	-2126	-2176	
324	65	11	0.06	0.06		-1995	-2003	-2124	-2116
324	65	11	0.06	0.06		-1743	-1755	-1874	-1862
324	65	11	0.06	0.06		-1567	-1569	-1650	-1647
324	65	11	0.06	0.06		-1647	-1650	-1767	-1764
324	65	11	0.06	0.06		-1884	-1888	-2009	-2005
324	65	11	0.06	0.06		-1852	-1862	-1983	-1973
324	65	11	0.06	0.06		-1547	-1555	-1629	-1620
324	65	11	0.06	0.06		-1565	-1567	-1647	-1645
324	65	11	0.06	0.06		-1620	-1629	-1743	-1734
324	65	11	0.06	0.06		-1888	-1899	-2020	-2009
324	65	11	0.06	0.06		-1470	-1479	-1555	-1547
324	29	11	0.06	0.06		-2126	-2130	-2176	
324	65	11	0.06	0.06		-1569	-1578	-1661	-1650
324	65	11	0.06	0.06		-1755	-1762	-1882	-1874
324	65	11	0.06	0.06		-1560	-1565	-1645	-1638
324	65	11	0.06	0.06		-1500	-1511	-1578	-1569
324	65	11	0.06	0.06		-1479	-1488	-1560	-1555
324	65	11	0.06	0.06		-1368	-1377	-1488	-1479
324	29	11	0.06	0.06		-2116	-2124	-2176	
324	29	11	0.06	0.06		-2104	-2116	-2176	
324	65	11	0.06	0.06		-1377	-1384	-1495	-1488
324	65	11	0.06	0.06		-1274	-1278	-1389	-1386
324	65	11	0.06	0.06		-1386	-1389	-1500	-1497
324	29	11	0.06	0.06		-2176	-2130	-2141	
324	65	11	0.06	0.06		-1359	-1368	-1479	-1470
324	65	11	0.06	0.06		-1645	-1647	-1764	-1762
324	65	11	0.06	0.06		-1973	-1983	-2104	-2094

324	65	11	0.06	0.06		-1272	-1274	-1386	-1384
324	65	11	0.06	0.06		-1497	-1500	-1569	-1567
324	65	11	0.06	0.06		-1638	-1645	-1762	-1755
324	65	11	0.06	0.06		-1384	-1386	-1497	-1495
324	65	11	0.06	0.06		-1650	-1661	-1778	-1767
324	65	11	0.06	0.06		-1629	-1638	-1755	-1743
324	29	11	0.06	0.06		-2094	-2104	-2176	
324	65	11	0.06	0.06		-1555	-1560	-1638	-1629
324	65	11	0.06	0.06		-1862	-1874	-1995	-1983
324	65	11	0.06	0.06		-1874	-1882	-2003	-1995
324	65	11	0.06	0.06		-1278	-1289	-1400	-1389
324	65	11	0.06	0.06		-1495	-1497	-1567	-1565
324	65	11	0.06	0.06		-1241	-1251	-1368	-1359
324	65	11	0.06	0.06		-1767	-1778	-1899	-1888
324	65	11	0.06	0.06		-1762	-1764	-1884	-1882
324	65	11	0.06	0.06		-2003	-2005	-2126	-2124
324	65	11	0.06	0.06		-1488	-1495	-1565	-1560
324	65	11	0.06	0.06		-1882	-1884	-2005	-2003
324	65	11	0.06	0.06		-2009	-2020	-2141	-2130
324	65	11	0.06	0.06		-1389	-1400	-1511	-1500
324	65	11	0.06	0.06		-1251	-1264	-1377	-1368
324	65	11	0.06	0.06		-1764	-1767	-1888	-1884
324	65	11	0.06	0.06		-1264	-1272	-1384	-1377
324	65	11	0.06	0.06		-2005	-2009	-2130	-2126
325	59	11	0.00	0.00		-1877	-1885	-2006	-1998
325	59	11	0.00	0.00		-1242	-1267	-1877	-1853
325	59	11	0.00	0.00		-1998	-2006	-2127	-2119
325	10	11	0.00	0.00		-1956	-1974	-2095	-2077
325	59	11	0.00	0.00		-1267	-1275	-1885	-1877
325	59	11	0.00	0.00		-1974	-1998	-2119	-2095
325	10	11	0.00	0.00		-1835	-1853	-1974	-1956
325	59	11	0.00	0.00		-1853	-1877	-1998	-1974
326	36	11	0.00	0.00		-1975	-1976	-2097	-2096
326	36	11	0.00	0.00		-1472	-1473	-1550	-1549
326	36	11	0.00	0.00		-1854	-1855	-1976	-1975
326	36	11	0.00	0.00		-1244	-1245	-1362	-1361
326	36	11	0.00	0.00		-1243	-1244	-1361	-1360
326	36	11	0.00	0.00		-1549	-1550	-1623	-1622
326	36	11	0.00	0.00		-1622	-1623	-1737	-1736
326	36	11	0.00	0.00		-1736	-1737	-1856	-1855
326	36	11	0.00	0.00		-1976	-1977	-2098	-2097
326	36	11	0.00	0.00		-1855	-1856	-1977	-1976
326	36	11	0.00	0.00		-1361	-1362	-1473	-1472
327	25	11	0.00	0.00		-1954	-1973	-2094	-2075
327	25	11	0.00	0.00		-1833	-1852	-1973	-1954
332	10	11	0.00	0.00		-1851	-1852	-1973	-1972
332	10	11	0.00	0.00		-1852	-1853	-1974	-1973
332	10	11	0.00	0.00		-1972	-1973	-2094	-2093
332	10	11	0.00	0.00		-1973	-1974	-2095	-2094
333	10	11	0.07	0.00		-1853	-1854	-1975	-1974
333	10	11	0.07	0.00		-1974	-1975	-2096	-2095

Elenco tipi solai

Simbologia

- Ts = Numero del tipo solaio
Comm. = Commento
Qps = Carico permanente strutturale
Qpn = Carico permanente non strutturale
Qa = Primo carico accidentale
Qa2 = Secondo carico accidentale
Qa3 = Terzo carico accidentale
Rip. ter. = Ripartizione su aste terminali
Rip. int. = Ripartizione su aste interne
s = Coeff. di riduzione
Hs = Altezza solaio
Sc = Spessore cappa
Crit. = Numero del criterio di progetto

Ts	Comm.	Qps <kN/mq>	Qpn <kN/mq>	Qa <kN/mq>	Qa2 <kN/mq>	Qa3 <kN/mq>	Rip. ter.	Rip. int.	s	Hs <m>	Sc <m>	Crit.
1	Solaio P.1. Volta a crociera 1/2 carico	2.00	1.00	1.50	0.00	0.00	50.00	50.00	1.00	0.20	0.00	1
2	Solaio Volta a botte	4.00	2.00	3.00	0.00	0.00	50.00	50.00	1.00	0.20	0.00	1
4	Solaio sottotetto (con controsoffitto) ante	0.60	0.83	0.50	0.00	0.00	50.00	50.00	1.00	0.25	0.00	1
5	Solaio copertura ante	0.95	0.67	0.93	0.52	0.00	50.00	50.00	1.00	0.30	0.00	1
6	Controsoffitto canniciato	0.00	0.35	0.00	0.00	0.00	50.00	50.00	1.00	0.10	0.00	1
7	Solaio Voltato corridoio fronte scale 1/2	2.00	1.00	1.50	0.00	0.00	50.00	50.00	1.00	0.20	0.00	1

Fascicolo dei calcoli

8	Balcone	0.00	2.10	4.00	0.00	0.00	50.00	50.00	1.00	0.10	0.00	1
9	Solaio in legno calpestio_ante	1.60	1.70	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.04	1
11	Solaio in legno_ ex archivio_ante	0.60	1.80	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.00	1
13	Solaio travetti+tavelle_sof.sala sindaco ante	1.00	2.55	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.04	1
14	Solaio in legno_calpestio_no contr_ante	1.60	1.35	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.04	1

Elenco solai

Simbologia

Sol. = Numero del solaio
Ts = Numero del tipo solaio
Ord. = Orditura
Nodi = Nodi del solaio

Sol.	Ts	Ord. <grad>	Nodi																			
100	1	45.00	-611	-612	-613	-614	-631	-634	-636	-645	-651	-650	-649	-648	-647	-641	-635					
101	1	45.00	-647	-648	-649	-650	-651	-668	-673	-704	-717	-716	-715	-714	-710	-701	-684	-670	-669			
102	1	45.00	-614	-615	-616	-617	-618	-632	-638	-642	-657	-656	-655	-654	-653	-652	-651	-645	-636	-634	-631	
103	1	45.00	-623	-624	-625	-626	-627	-633	-637	-646	-662	-661	-660	-659	-658	-643	-639					
104	1	45.00	-627	-628	-629	-630	-640	-644	-666	-665	-664	-663	-662	-646	-637	-633						
105	1	315.00	-679	-680	-681	-682	-683	-687	-693	-695	-696	-699	-703	-709	-712	-733	-732	-731	-730	-698	-692	-686
106	2	90.00	-659	-660	-661	-662	-667	-671	-683	-682	-681	-680	-679	-658								
107	2	0.00	-618	-619	-620	-621	-622	-623	-639	-643	-658	-657	-642	-638	-632							
108	2	0.00	-678	-679	-686	-692	-698	-730	-729	-728	-727	-726	-725	-713	-706							
109	7	0.00	-668	-673	-674	-653	-652	-651														
110	2	90.00	-658	-679	-678	-657																
111	1	45.00	-733	-734	-735	-736	-737	-702	-694	-691	-690	-689	-688	-687	-693	-695	-696	-699	-703	-709	-712	
112	9	0.00	-673	-674	-685	-697	-705	-707	-711	-722	-721	-720	-719	-718	-717	-704						
113	1	315.00	-647	-648	-649	-650	-651	-668	-673	-704	-717	-716	-715	-714	-710	-701	-684	-670	-669			
114	1	315.00	-611	-612	-613	-614	-631	-634	-636	-645	-651	-650	-649	-648	-647	-641	-635					
115	1	315.00	-614	-615	-616	-617	-618	-632	-638	-642	-657	-656	-655	-654	-653	-652	-651	-645	-636	-634	-631	
116	1	315.00	-623	-624	-625	-626	-627	-633	-637	-646	-662	-661	-660	-659	-658	-643	-639					
117	1	45.00	-679	-680	-681	-682	-683	-687	-693	-695	-696	-699	-703	-709	-712	-733	-732	-731	-730	-698	-692	-686
118	1	315.00	-693	-695	-696	-699	-703	-709	-712	-733	-734	-735	-736	-737	-702	-694	-691	-690	-689	-688	-687	
119	1	315.00	-627	-628	-629	-630	-640	-644	-666	-665	-664	-663	-662	-646	-637	-633						
120	7	0.00	-674	-675	-676	-677	-655	-654	-653													
121	7	0.00	-677	-678	-657	-656	-655															
122	7	90.00	-668	-673	-674	-653	-652	-651														
123	7	90.00	-674	-675	-676	-677	-655	-654	-653													
124	7	90.00	-677	-678	-657	-656	-655															
125	8	90.00	-609	-610	-624	-623	-622	-621	-620	-619	-618	-617										
200	9	0.00	-1185	-1186	-1187	-1188	-1205	-1208	-1210	-1217	-1222	-1221	-1220	-1219	-1214	-1209						
201	9	0.00	-1188	-1189	-1190	-1191	-1192	-1206	-1212	-1215	-1228	-1227	-1226	-1225	-1224	-1223	-1222	-1217	-1210			
202	9	0.00	-1219	-1220	-1221	-1222	-1234	-1240	-1271	-1284	-1283	-1282	-1281	-1277	-1268	-1250	-1237	-1235				
203	13	90.00	-1201	-1202	-1203	-1204	-1213	-1216	-1233	-1232	-1231	-1230	-1229	-1218	-1211	-1207						
204	9	0.00	-1261	-1263	-1266	-1270	-1276	-1279	-1300	-1301	-1302	-1303	-1304	-1269	-1260	-1257	-1256	-1255	-1254			
205	9	0.00	-1245	-1246	-1247	-1248	-1249	-1253	-1259	-1261	-1263	-1266	-1270	-1276	-1279	-1300	-1299	-1298	-1297			
206	9	0.00	-1243	-1244	-1245	-1252	-1258	-1262	-1265	-1297	-1296	-1295	-1294	-1293	-1292	-1280	-1273					
207	14	0.00	-1240	-1241	-1251	-1264	-1272	-1274	-1278	-1289	-1288	-1287	-1286	-1285	-1284	-1271						
208	7	90.00	-1234	-1240	-1241	-1224	-1223	-1222														
209	7	90.00	-1241	-1242	-1226	-1225	-1224															
210	7	90.00	-1242	-1243	-1228	-1227	-1226															
211	7	0.00	-1234	-1240	-1241	-1224	-1223	-1222														
212	7	0.00	-1241	-1242	-1226	-1225	-1224															
213	7	0.00	-1242	-1243	-1228	-1227	-1226															
300	4	0.00	-2036	-2037	-2038	-2039	-2056	-2059	-2061	-2068	-2073	-2072	-2071	-2070	-2065	-2060						
301	4	0.00	-2039	-2040	-2041	-2042	-2043	-2057	-2063	-2066	-2079	-2078	-2077	-2076	-2075	-2074	-2073	-2068	-2061			
302	4	0.00	-2070	-2071	-2072	-2073	-2084	-2086	-2093	-2123	-2136	-2135	-2134	-2133	-2129	-2120	-2103	-2090	-2085			
303	4	0.00	-2093	-2094	-2104	-2116	-2124	-2126	-2130	-2141	-2140	-2139	-2138	-2137	-2136	-2123						
304	4	0.00	-2096	-2097	-2098	-2105	-2111	-2117	-2149	-2148	-2147	-2146	-2145	-2144	-2132	-2125						
305	6	90.00	-2098	-2099	-2100	-2101	-2102	-2106	-2112	-2114	-2115	-2118	-2122	-2128	-2131	-2152	-2151	-2150	-2149			
306	6	90.00	-2112	-2114	-2115	-2118	-2122	-2128	-2131	-2152	-2153	-2154	-2155	-2156	-2121	-2113	-2110	-2109	-2108			
307	6	0.00	-2052	-2053	-2054	-2055	-2064	-2067	-2083	-2082	-2081	-2080	-2069	-2062	-2058							
308	7	0.00	-2073	-2074	-2075	-2094	-2093	-2086	-2084													
309	7	0.00	-2075	-2076	-2077	-2095	-2094															
310	7	0.00	-2077	-2078	-2079	-2087	-2096	-2095														
311	7	90.00	-2073	-2074	-2075	-2094	-2093	-2086	-2084													
312	7	90.00	-2075	-2076	-2077	-2095	-2094															

Fascicolo dei calcoli

313	7	90.00	-2077 -2078 -2079 -2087 -2096 -2095
400	5	0.00	-2180 -2171 -2172 -2173 -2174 -2181
401	5	0.00	-2171 -2036 -2037 -2038 -2039 -2174 -2173 -2172
402	5	0.00	-2136 -2135 -2134 -2133 -2180 -2181 -2175
403	5	0.00	-2141 -2140 -2139 -2138 -2137 -2136 -2175 -2181 -2182 -2176
404	5	0.00	-2181 -2174 -2039 -2040 -2041 -2042 -2043 -2177 -2183 -2182
405	5	0.00	-2144 -2143 -2142 -2141 -2176 -2182 -2183 -2164
406	5	0.00	-2043 -2044 -2045 -2046 -2047 -2048 -2049 -2050 -2051 -2052 -2178 -2184 -2183 -2177
407	5	0.00	-2052 -2053 -2054 -2055 -2179 -2184 -2178
408	5	0.00	-2170 -2161 -2159 -2158 -2152 -2151 -2150 -2149 -2157 -2160 -2166 -2167 -2168 -2169
409	5	0.00	-2149 -2148 -2147 -2146 -2145 -2144 -2164 -2165 -2166 -2160 -2157
410	5	0.00	-2184 -2170 -2169 -2168 -2167 -2166 -2165 -2164 -2183
411	5	90.00	-2055 -2064 -2067 -2083 -2179
412	5	90.00	-2083 -2089 -2092 -2110 -2163 -2184 -2179
413	5	90.00	-2110 -2113 -2121 -2156 -2163
414	5	0.00	-2156 -2155 -2154 -2153 -2152 -2158 -2159 -2161 -2162 -2163
415	5	0.00	-2163 -2162 -2161 -2170 -2184
600	11	90.00	-1312 -1313 -1314 -1315 -1316 -1317 -1318 -1319 -1320 -1321 -1327 -1330 -1337 -1348 -1354 -1356 -1366 -1365 -1364 -1363 -1362 -1361 -1360 -1347 -1334 -1331 -1326

Carichi

Condizioni di carico elementari

Simbologia

CCE	=	Numero della condizione di carico elementare
Comm.	=	Commento
Mx	=	Moltiplicatore della massa in dir. X
My	=	Moltiplicatore della massa in dir. Y
Mz	=	Moltiplicatore della massa in dir. Z
Jpx	=	Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy	=	Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz	=	Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE	=	Tipo di CCE per calcolo agli stati limite
Sic.	=	Contributo alla sicurezza
		F = a favore
		S = a sfavore
		A = ambigua
Var.	=	Tipo di variabilità
		B = di base
		I = indipendente
		A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sic.	Var.
1	Pesi propri	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
2	PP Impalcati	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
3	Portati Non Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	S	--
4	Acc. Cat. B	1.00	1.00	0.00	0.00	0.00	1.00	4 D.M. 08 Variabili Categoria B Uffici	S	B
5	Neve	1.00	1.00	0.00	0.00	0.00	1.00	11 D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	S	B
6	PP Scale	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
7	Permanenti Non Strutturali scale	1.00	1.00	0.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	S	--
8	Acc. Cat. C2	1.00	1.00	0.00	0.00	0.00	1.00	5 D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	S	B
9	Vento X	1.00	1.00	0.00	0.00	0.00	1.00	10 D.M. 08 Variabili Vento	S	B
10	Vento Y	1.00	1.00	0.00	0.00	0.00	1.00	10 D.M. 08 Variabili Vento	S	B
11	Acc. Cat. H	1.00	1.00	0.00	0.00	0.00	1.00	19 D.M. 08 Variabili Categoria H - Coperture	S	B
12	Acc. Cat. A	1.00	1.00	0.00	0.00	0.00	1.00	3 D.M. 08 Variabili Categoria A Ambienti ad uso residenziale	S	B

Elenco carichi nodi

Condizione di carico n. 2: PP Impalcati

Masse concentrée

Simbologia

Nodo = Numero del nodo
Mx = Massa in dir. X
My = Massa in dir. Y
Mz = Massa in dir. Z
Jx = Momento d'inerzia rispetto all'asse X
Jy = Momento d'inerzia rispetto all'asse Y
Jz = Momento d'inerzia rispetto all'asse Z

Nodo	Mx <kg>	My <kg>	Mz <kg>	Jx <m4>	Jy <m4>	Jz <m4>
-948	3330.00	3330.00	0.00	0.00	0.00	0.00
-457	5660.00	5660.00	0.00	0.00	0.00	0.00

Elenco carichi aste

Condizione di carico n. 1: Pesi propri

Elenco peso proprio aste

Simbologia

Sez. = Numero della sezione

Comm. = Commento
A = Area
Mat. = Materiale
P = Peso specifico
PL = Peso specifico a metro lineare

Sez.	Comm.	A <mq>	Mat.	P <kN/mc>	PL <kN/m>
1	Sopra apertura in pietra	0.160000	Muratura in pietra Efess LC2 tabellati	21.00	3.36
2	Trave di colmo d25	0.049087	Legname a media elasticità	4.60	0.23
3	Trave puntoni padiglione d32	0.080425	Legname a media elasticità	4.60	0.37
6	Fond 70x145	1.015000	Muratura in pietra LC2 tabellati	21.00	21.32
11	Fond 90x145	1.305000	Muratura in pietra LC2 tabellati	21.00	27.41

Elenco carichi aste
Condizione di carico n. 2: PP Impalcati
Carichi distribuiti

Simbologia
Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
E = Elemento provenienza del carico
S = Solaio
T = Tamponatura
NE = Numero elemento di provenienza del carico
T = Tipo di carico
QA = Primo carico accidentale
QA2 = Secondo carico accidentale
QA3 = Terzo carico accidentale
QPS = Carico permanente strutturale
QPN = Carico permanente non strutturale
M = Manuale
DC = Direzione del carico
XG,YG,ZG = secondo gli assi globali
XL,YL,ZL = secondo gli assi locali
Xi = Distanza iniziale
Qi = Carico iniziale
Xf = Distanza finale
Qf = Carico finale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	100	QPS	ZG	0.00	3.72	0.15	3.87
0	-635	-611	S	100	QPS	ZG	1.41	5.13	1.86	5.13
0	-635	-611	S	100	QPS	ZG	0.15	3.87	1.03	4.75
0	-611	-612	S	114	QPS	ZG	1.86	1.86	3.24	3.24
0	-611	-612	S	100	QPS	ZG	3.04	2.08	3.24	1.89
0	-641	-635	S	114	QPS	ZG	0.48	3.24	1.86	1.86
0	-612	-613	S	100	QPS	ZG	0.00	1.89	1.28	0.61
0	-612	-613	S	114	QPS	ZG	0.00	3.24	0.48	3.72
0	-647	-641	S	114	QPS	ZG	1.06	4.52	1.86	3.72
0	-647	-641	S	114	QPS	ZG	0.00	5.13	0.46	5.13
0	-1209	-1185	S	200	QPS	ZG	0.00	4.10	1.86	4.10
0	-613	-614	S	100	QPS	ZG	0.00	0.61	0.61	0.00
0	-631	-614	S	100	QPS	ZG	0.00	1.00	1.00	0.00
0	-631	-614	S	114	QPS	ZG	0.55	5.13	1.00	5.13
0	-631	-614	S	102	QPS	ZG	0.15	4.84	1.00	5.69
0	-634	-631	S	100	QPS	ZG	0.00	1.21	0.20	1.00
0	-634	-631	S	114	QPS	ZG	0.00	4.38	0.20	4.58
0	-645	-636	S	100	QPS	ZG	0.00	4.58	2.49	2.08
0	-645	-636	S	115	QPS	ZG	0.84	3.73	2.12	2.46
0	-645	-636	S	115	QPS	ZG	0.00	4.57	0.25	4.32
0	-645	-636	S	114	QPS	ZG	0.00	1.01	0.25	1.26
0	-645	-636	S	102	QPS	ZG	0.49	1.60	2.17	3.28
0	-669	-647	S	101	QPS	ZG	0.00	5.13	0.86	5.13
0	-647	-648	S	100	QPS	ZG	0.00	0.00	1.05	1.05
0	-647	-648	S	114	QPS	ZG	0.55	4.58	0.75	4.38
0	-647	-648	S	113	QPS	ZG	0.00	0.00	1.05	1.05
0	-647	-648	S	101	QPS	ZG	0.00	5.13	0.51	4.62
0	-614	-615	S	115	QPS	ZG	2.08	2.08	2.46	2.46
0	-614	-615	S	115	QPS	ZG	0.00	0.00	1.21	1.21
0	-614	-615	S	102	QPS	ZG	0.10	5.69	1.64	4.15
0	-670	-669	S	113	QPS	ZG	0.07	1.05	0.25	0.86
0	-684	-670	S	101	QPS	ZG	0.00	4.92	0.21	5.13
0	-684	-670	S	101	QPS	ZG	0.21	5.13	1.24	5.13
0	-615	-616	S	115	QPS	ZG	0.00	2.46	1.27	3.73
0	-1205	-1188	S	200	QPS	ZG	0.00	4.10	1.00	4.10
0	-648	-649	S	100	QPS	ZG	0.00	1.05	0.81	1.86

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	114	QPS	ZG	0.00	1.86	1.86	0.00
0	-635	-611	S	100	QPS	ZG	1.03	4.75	1.41	5.13
0	-611	-612	S	100	QPS	ZG	0.00	5.13	3.04	2.08
0	-611	-612	S	114	QPS	ZG	0.00	0.00	1.86	1.86
0	-641	-635	S	100	QPS	ZG	0.00	1.86	1.86	3.72
0	-641	-635	S	114	QPS	ZG	0.00	3.72	0.48	3.24
0	-612	-613	S	114	QPS	ZG	0.48	3.72	1.28	4.52
0	-647	-641	S	100	QPS	ZG	0.00	0.00	1.05	1.05
0	-647	-641	S	114	QPS	ZG	0.46	5.13	1.06	4.52
0	-647	-641	S	100	QPS	ZG	1.05	1.05	1.86	1.86
0	-1214	-1209	S	200	QPS	ZG	0.00	4.10	1.86	4.10
0	-613	-614	S	114	QPS	ZG	0.00	4.52	0.61	5.13
0	-631	-614	S	115	QPS	ZG	0.00	1.00	1.00	0.00
0	-631	-614	S	114	QPS	ZG	0.00	4.58	0.55	5.13
0	-631	-614	S	102	QPS	ZG	0.00	4.69	0.15	4.84
0	-634	-631	S	115	QPS	ZG	0.00	1.21	0.20	1.00
0	-634	-631	S	102	QPS	ZG	0.00	4.48	0.20	4.69
0	-645	-636	S	115	QPS	ZG	2.12	2.46	2.49	2.08
0	-645	-636	S	115	QPS	ZG	0.25	4.32	0.84	3.73
0	-645	-636	S	114	QPS	ZG	0.25	1.26	2.49	3.50
0	-645	-636	S	102	QPS	ZG	2.17	3.28	2.49	3.60
0	-645	-636	S	102	QPS	ZG	0.00	1.08	0.49	1.60
0	-669	-647	S	113	QPS	ZG	0.00	0.86	0.86	0.00
0	-647	-648	S	114	QPS	ZG	0.75	4.38	1.05	4.08
0	-647	-648	S	114	QPS	ZG	0.00	5.13	0.55	4.58
0	-647	-648	S	101	QPS	ZG	0.51	4.62	1.05	4.08
0	-614	-615	S	102	QPS	ZG	0.00	5.69	0.10	5.69
0	-614	-615	S	115	QPS	ZG	1.21	1.21	2.08	2.08
0	-614	-615	S	102	QPS	ZG	1.64	4.15	2.46	3.33
0	-670	-669	S	101	QPS	ZG	0.00	5.13	0.25	5.13
0	-670	-669	S	113	QPS	ZG	0.00	1.12	0.07	1.05
0	-684	-670	S	113	QPS	ZG	0.00	2.36	1.24	1.12
0	-615	-616	S	102	QPS	ZG	0.00	3.33	1.18	2.15
0	-615	-616	S	102	QPS	ZG	1.18	2.15	1.27	2.06
0	-1205	-1188	S	201	QPS	ZG	0.00	4.63	1.00	4.63
0	-648	-649	S	114	QPS	ZG	0.58	3.50	2.82	1.26

Fascicolo dei calcoli

0	-648	-649	S	114	QPS	ZG	0.00	4.08	0.58	3.50	0	-648	-649	S	113	QPS	ZG	1.31	2.36	2.82	3.87
0	-648	-649	S	113	QPS	ZG	0.00	1.05	1.31	2.36	0	-648	-649	S	101	QPS	ZG	2.40	1.68	2.82	1.26
0	-648	-649	S	101	QPS	ZG	0.00	4.08	2.40	1.68	0	-648	-649	S	100	QPS	ZG	2.67	3.72	2.82	3.87
0	-648	-649	S	100	QPS	ZG	0.81	1.86	2.67	3.72	0	-649	-650	S	100	QPS	ZG	0.00	3.87	0.88	4.75
0	-649	-650	S	114	QPS	ZG	0.25	1.01	0.88	0.38	0	-649	-650	S	114	QPS	ZG	0.00	1.26	0.25	1.01
0	-649	-650	S	113	QPS	ZG	0.13	4.00	0.88	4.75	0	-649	-650	S	113	QPS	ZG	0.00	3.87	0.13	4.00
0	-649	-650	S	101	QPS	ZG	0.61	0.65	0.88	0.38	0	-649	-650	S	101	QPS	ZG	0.00	1.26	0.61	0.65
0	-1219	-1214	S	200	QPS	ZG	0.00	4.10	1.86	4.10	0	-651	-645	S	100	QPS	ZG	0.00	5.13	0.46	5.13
0	-651	-645	S	115	QPS	ZG	0.00	5.58	1.01	4.58	0	-651	-645	S	114	QPS	ZG	0.00	0.00	1.01	1.01
0	-651	-645	S	102	QPS	ZG	0.00	0.00	1.01	1.08	0	-651	-645	S	100	QPS	ZG	0.46	5.13	1.01	4.58
0	-2060	-2036	S	300	QPS	ZG	0.00	1.54	1.86	1.54	0	-1208	-1205	S	200	QPS	ZG	0.00	4.10	0.20	4.10
0	-1208	-1205	S	201	QPS	ZG	0.00	4.63	0.20	4.63	0	-701	-684	S	101	QPS	ZG	0.00	3.28	1.14	4.42
0	-701	-684	S	113	QPS	ZG	0.13	3.87	1.64	2.36	0	-701	-684	S	113	QPS	ZG	0.00	4.00	0.13	3.87
0	-701	-684	S	101	QPS	ZG	1.14	4.42	1.64	4.92	0	-1237	-1235	S	202	QPS	ZG	0.00	4.10	0.25	4.10
0	-636	-634	S	100	QPS	ZG	0.00	2.08	0.20	1.89	0	-636	-634	S	115	QPS	ZG	0.00	2.08	0.88	1.21
0	-636	-634	S	114	QPS	ZG	0.58	4.08	0.88	4.38	0	-636	-634	S	114	QPS	ZG	0.00	3.50	0.58	4.08
0	-636	-634	S	102	QPS	ZG	0.28	3.88	0.88	4.49	0	-636	-634	S	102	QPS	ZG	0.00	3.60	0.28	3.88
0	-636	-634	S	100	QPS	ZG	0.20	1.89	0.88	1.21	0	-1250	-1237	S	202	QPS	ZG	0.00	4.10	1.24	4.10
0	-616	-617	S	102	QPS	ZG	0.00	2.06	0.59	1.47	0	-616	-617	S	115	QPS	ZG	0.00	3.73	0.59	4.32
0	-1210	-1208	S	200	QPS	ZG	0.00	4.10	0.88	4.10	0	-1210	-1208	S	201	QPS	ZG	0.00	4.63	0.88	4.63
0	-617	-618	S	102	QPS	ZG	0.00	1.47	0.42	1.05	0	-617	-618	S	115	QPS	ZG	1.26	5.58	1.47	5.60
0	-617	-618	S	115	QPS	ZG	0.25	4.58	1.26	5.58	0	-617	-618	S	115	QPS	ZG	0.00	4.32	0.25	4.58
0	-617	-618	S	102	QPS	ZG	0.42	1.05	1.47	0.00	0	-710	-701	S	101	QPS	ZG	0.00	1.64	1.54	3.18
0	-710	-701	S	113	QPS	ZG	0.89	4.75	1.64	4.00	0	-710	-701	S	113	QPS	ZG	0.51	5.13	0.89	4.75
0	-710	-701	S	113	QPS	ZG	0.00	5.13	0.51	5.13	0	-710	-701	S	101	QPS	ZG	1.54	3.18	1.64	3.28
0	-668	-651	S	101	QPS	ZG	0.00	0.65	0.27	0.38	0	-668	-651	S	113	QPS	ZG	0.14	5.13	0.65	5.13
0	-668	-651	S	113	QPS	ZG	0.00	5.13	0.14	5.13	0	-668	-651	S	109	QPS	ZG	0.55	1.60	0.65	0.00
0	-668	-651	S	109	QPS	ZG	0.00	2.28	0.55	2.31	0	-668	-651	S	101	QPS	ZG	0.27	0.38	0.65	0.00
0	-652	-651	S	102	QPS	ZG	0.00	1.49	0.52	1.01	0	-652	-651	S	122	QPS	ZG	0.00	1.57	1.60	1.68
0	-652	-651	S	115	QPS	ZG	1.41	5.95	1.60	5.94	0	-652	-651	S	115	QPS	ZG	0.42	4.90	1.41	5.95
0	-652	-651	S	115	QPS	ZG	0.00	4.46	0.42	4.90	0	-652	-651	S	109	QPS	ZG	0.00	0.10	1.60	0.00
0	-652	-651	S	102	QPS	ZG	0.52	1.01	1.60	0.00	0	-673	-668	S	101	QPS	ZG	0.00	1.68	0.42	1.26
0	-673	-668	S	113	QPS	ZG	0.00	5.13	1.03	5.13	0	-673	-668	S	109	QPS	ZG	0.00	2.22	1.03	2.28
0	-673	-668	S	101	QPS	ZG	0.42	1.26	1.03	0.65	0	-673	-674	S	122	QPS	ZG	0.00	1.68	1.60	1.57
0	-673	-674	S	122	QPS	ZG	1.60	1.57	2.22	1.57	0	-2065	-2060	S	300	QPS	ZG	0.00	1.54	1.86	1.54
0	-2036	-2171	S	401	QPS	ZG	0.00	2.44	5.86	2.44	0	-2070	-2065	S	300	QPS	ZG	0.00	1.54	1.86	1.54
0	-1217	-1210	S	200	QPS	ZG	0.00	4.10	2.49	4.10	0	-1217	-1210	S	201	QPS	ZG	0.00	4.63	2.49	4.63
0	-618	-632	S	102	QPS	ZG	0.00	0.00	1.05	1.05	0	-618	-632	S	115	QPS	ZG	0.00	5.60	1.05	4.61
0	-618	-632	S	107	QPS	ZG	0.00	6.52	1.05	6.52	0	-632	-638	S	102	QPS	ZG	0.00	1.05	0.42	1.47
0	-632	-638	S	115	QPS	ZG	0.45	4.19	1.10	3.54	0	-632	-638	S	115	QPS	ZG	0.00	4.61	0.45	4.19
0	-632	-638	S	107	QPS	ZG	0.00	6.52	1.10	6.52	0	-632	-638	S	102	QPS	ZG	1.01	2.06	1.10	2.15
0	-632	-638	S	102	QPS	ZG	0.42	1.47	1.01	2.06	0	-675	-676	S	123	QPS	ZG	0.00	1.57	0.92	1.57
0	-2056	-2039	S	300	QPS	ZG	0.00	1.54	1.00	1.54	0	-2056	-2039	S	301	QPS	ZG	0.00	1.74	1.00	1.74
0	-1235	-1219	S	202	QPS	ZG	0.00	4.10	0.86	4.10	0	-1268	-1250	S	202	QPS	ZG	0.00	4.10	1.64	4.10
0	-650	-651	S	100	QPS	ZG	0.00	4.75	0.38	5.13	0	-650	-651	S	114	QPS	ZG	0.00	0.38	0.38	0.00
0	-650	-651	S	113	QPS	ZG	0.00	4.75	0.38	5.13	0	-650	-651	S	101	QPS	ZG	0.00	0.38	0.38	0.00
0	-704	-673	S	101	QPS	ZG	0.00	4.62	0.54	4.08	0	-704	-673	S	113	QPS	ZG	2.47	5.13	2.94	5.13
0	-704	-673	S	113	QPS	ZG	0.00	2.65	2.47	5.13	0	-704	-673	S	101	QPS	ZG	0.54	4.08	2.94	1.68
0	-653	-674	S	109	QPS	ZG	0.00	2.31	1.58	2.22	0	-653	-674	S	123	QPS	ZG	0.00	0.09	1.58	0.00
0	-653	-674	S	122	QPS	ZG	0.00	0.00	1.58	0.09	0	-653	-674	S	120	QPS	ZG	0.00	1.57	1.58	1.66
0	-2085	-2070	S	302	QPS	ZG	0.00	1.54	0.86	1.54	0	-2059	-2056	S	300	QPS	ZG	0.00	1.54	0.20	1.54
0	-2059	-2056	S	301	QPS	ZG	0.00	1.74	0.20	1.74	0	-2090	-2085	S	302	QPS	ZG	0.00	1.54	0.25	1.54
0	-1222	-1217	S	200	QPS	ZG	0.00	4.10	1.01	4.10	0	-1222	-1217	S	201	QPS	ZG	0.00	4.63	1.01	4.63
0	-2068	-2061	S	300	QPS	ZG	0.00	1.54	2.49	1.54	0	-2068	-2061	S	301	QPS	ZG	0.00	1.74	2.49	1.74
0	-639	-623	S	103	QPS	ZG	0.00	3.34	1.51	4.85	0	-639	-623	S	116	QPS	ZG	0.80	1.55	2.35	0.00
0	-639	-623	S	116	QPS	ZG	0.18	2.17	0.80	1.55	0	-639	-623	S	116	QPS	ZG	0.00	2.35	0.18	2.17
0	-639	-623	S	107	QPS	ZG	0.00	6.52	2.35	6.52	0	-639	-623	S	103	QPS	ZG	1.93	5.27	2.35	5.27
0	-639	-623	S	103	QPS	ZG	1.51	4.85	1.93	5.27	0	-642	-657	S	102	QPS	ZG	0.00	4.15	1.54	5.69
0	-642	-657	S	115	QPS	ZG	0.59	0.95	1.54	0.00	0	-642	-657	S	115	QPS	ZG	0.00	1.54	0.59	0.95
0	-642	-657	S	107	QPS	ZG	0.00	6.52	1.54	6.52	0	-2061	-2059	S	300	QPS	ZG	0.00	1.54	0.88	1.54
0	-2061	-2059	S	301	QPS	ZG	0.00	1.74	0.88	1.74	0	-714	-710	S	101	QPS	ZG	0.00	0.00	1.64	1.64
0	-714	-710	S	113	QPS	ZG	0.00	5.13	1.64	5.13	0	-1277	-1268	S	202	QPS	ZG	0.00	4.10	1.64	4.10
0	-2103	-2090	S	302	QPS	ZG	0.00	1.54	1.24	1.54	0	-2120	-2103	S	302	QPS	ZG	0.00	1.54	1.64	1.54
0	-2129	-2120	S	302	QPS	ZG	0.00	1.54	1.64	1.54	0	-2133	-2180	S	402	QPS	ZG	0.00	2.44	5.88	2.44
0	-2133	-2180	S	402	QPS	ZG	6.73	2.44	6.73	0.00	0	-2133	-2180	S	402	QPS	ZG	5.88	2.44	6.73	2.44
0	-1234	-1222	S	202	QPS	ZG	0.00	4.10	0.65	4.10	0	-1234	-1222	S	211	QPS	ZG	0.55	1.60	0.65	0.00
0	-1234	-1222	S	211	QPS	ZG	0.00	2.28	0.55	2.31	0	-1192	-1206	S	201	QPS	ZG	0.00	4.63	1.05	4.63
0	-653	-652	S	102	QPS	ZG	0.00	2.31	0.71	1.60	0	-653	-652	S	122	QPS	ZG	0.09	1.57	0.71	1.57
0	-653	-652	S	122	QPS	ZG	0.00	0.00	0.09	1.57	0	-653	-652	S	115	QPS	ZG	0.06	3.54	0.71	4.19
0	-653	-652	S	115	QPS	ZG	0.00	3.48	0.06	3.54	0	-638	-642	S	102	QPS	ZG	0.00	2.15	1.18	3.33
0	-638	-642	S	115	QPS	ZG	1.63	1.91	2.00	1.54	0	-638	-642	S	115	QPS					

0	-643	-639	S	107	QPS	ZG	0.00	6.52	1.80	6.52	0	-643	-639	S	103	QPS	ZG	0.46	2.00	1.80	3.34
0	-1313	-1314	S	600	QPS	ZG	0.00	2.20	0.28	2.20	0	-1314	-1315	S	600	QPS	ZG	0.00	2.20	1.33	2.20
0	-654	-653	S	102	QPS	ZG	0.00	3.28	0.97	2.31	0	-654	-653	S	123	QPS	ZG	0.00	1.57	0.97	1.57
0	-654	-653	S	115	QPS	ZG	0.00	2.51	0.97	3.48	0	-676	-677	S	123	QPS	ZG	0.00	1.57	0.45	1.57
0	-1315	-1316	S	600	QPS	ZG	0.00	2.20	0.28	2.20	0	-1316	-1317	S	600	QPS	ZG	0.00	2.20	0.68	2.20
0	-655	-654	S	102	QPS	ZG	0.00	3.88	0.28	3.60	0	-655	-654	S	123	QPS	ZG	0.00	1.57	0.60	1.57
0	-655	-654	S	115	QPS	ZG	0.00	1.91	0.60	2.51	0	-655	-654	S	102	QPS	ZG	0.28	3.61	0.60	3.28
0	-656	-655	S	102	QPS	ZG	0.00	4.83	0.15	4.69	0	-656	-655	S	124	QPS	ZG	0.00	1.61	0.95	1.57
0	-656	-655	S	115	QPS	ZG	0.58	1.54	0.95	1.91	0	-656	-655	S	115	QPS	ZG	0.00	0.95	0.58	1.54
0	-656	-655	S	102	QPS	ZG	0.35	4.49	0.95	3.88	0	-656	-655	S	102	QPS	ZG	0.15	4.69	0.35	4.49
0	-655	-677	S	120	QPS	ZG	0.00	1.57	1.57	1.66	0	-655	-677	S	121	QPS	ZG	0.00	1.91	1.57	1.91
0	-2040	-2041	S	404	QPS	ZG	0.00	0.00	1.27	0.00	0	-1223	-1222	S	201	QPS	ZG	0.00	0.22	1.60	0.30
0	-1223	-1222	S	211	QPS	ZG	0.00	0.10	1.60	0.00	0	-1223	-1222	S	208	QPS	ZG	0.00	1.57	1.60	1.68
0	-456	-457	S	--	M	ZG	0.00	2.40	3.18	2.40	0	-1224	-1223	S	208	QPS	ZG	0.00	0.00	0.09	1.57
0	-1224	-1223	S	208	QPS	ZG	0.09	1.57	0.71	1.57	0	-1319	-1320	S	600	QPS	ZG	0.00	2.20	1.28	2.20
0	-1271	-1240	S	202	QPS	ZG	0.00	4.10	2.94	4.10	0	-1224	-1241	S	208	QPS	ZG	0.00	0.00	1.58	0.09
0	-1224	-1241	S	212	QPS	ZG	0.00	1.57	1.58	1.66	0	-1224	-1241	S	211	QPS	ZG	0.00	2.31	1.58	2.22
0	-1224	-1241	S	209	QPS	ZG	0.00	0.09	1.58	0.00	0	-715	-714	S	101	QPS	ZG	0.00	3.18	1.54	1.64
0	-715	-714	S	113	QPS	ZG	0.71	2.65	3.18	5.13	0	-715	-714	S	113	QPS	ZG	0.00	1.95	0.71	2.65
0	-715	-714	S	101	QPS	ZG	1.54	1.64	3.18	0.00	0	-1312	-1313	S	600	QPS	ZG	0.00	2.20	0.71	2.20
0	-1212	-1215	S	201	QPS	ZG	0.00	4.63	2.00	4.63	0	-686	-679	S	105	QPS	ZG	0.00	0.81	0.81	0.00
0	-686	-679	S	117	QPS	ZG	0.56	5.27	0.81	5.27	0	-686	-679	S	117	QPS	ZG	0.00	4.71	0.56	5.27
0	-686	-679	S	108	QPS	ZG	0.00	6.52	0.81	6.52	0	-2043	-2057	S	301	QPS	ZG	0.00	1.74	1.05	1.74
0	-1281	-1277	S	202	QPS	ZG	0.00	4.10	1.64	4.10	0	-1226	-1225	S	209	QPS	ZG	0.00	1.57	0.60	1.57
0	-2084	-2073	S	302	QPS	ZG	0.00	1.54	0.65	1.54	0	-2084	-2073	S	308	QPS	ZG	0.55	1.60	0.65	0.00
0	-2084	-2073	S	308	QPS	ZG	0.00	2.28	0.55	2.31	0	-674	-675	S	123	QPS	ZG	0.00	0.00	0.09	1.57
0	-674	-675	S	123	QPS	ZG	0.09	1.57	0.29	1.57	0	-2171	-2180	S	400	QPS	ZG	0.00	2.44	0.91	2.44
0	-657	-656	S	102	QPS	ZG	0.00	5.69	0.10	5.69	0	-657	-656	S	124	QPS	ZG	0.00	1.65	0.95	1.61
0	-657	-656	S	115	QPS	ZG	0.00	0.00	0.95	0.95	0	-657	-656	S	102	QPS	ZG	0.10	5.69	0.95	4.84
0	-1225	-1224	S	209	QPS	ZG	0.00	1.57	0.97	1.57	0	-2073	-2068	S	300	QPS	ZG	0.00	1.54	1.01	1.54
0	-2073	-2068	S	301	QPS	ZG	0.00	1.74	1.01	1.74	0	-2057	-2063	S	301	QPS	ZG	0.00	1.74	1.10	1.74
0	-947	-948	S	--	M	ZG	0.00	1.50	3.18	1.50	0	-947	-948	S	--	M	ZG	0.00	1.50	3.18	1.50
0	-1227	-1226	S	210	QPS	ZG	0.00	1.61	0.95	1.57	0	-2043	-2177	S	404	QPS	ZG	0.00	2.75	5.86	2.75
0	-2043	-2177	S	406	QPS	ZG	0.00	4.05	5.97	4.05	0	-2043	-2177	S	404	QPS	ZG	5.86	2.75	5.97	2.75
0	-625	-626	S	103	QPS	ZG	0.00	3.10	1.28	1.82	0	-625	-626	S	116	QPS	ZG	0.18	2.35	1.28	3.45
0	-625	-626	S	116	QPS	ZG	0.00	2.17	0.18	2.35	0	-1317	-1318	S	600	QPS	ZG	0.00	2.20	1.55	2.20
0	-1318	-1319	S	600	QPS	ZG	0.00	2.20	0.63	2.20	0	-717	-704	S	101	QPS	ZG	0.00	5.13	1.03	5.13
0	-717	-704	S	113	QPS	ZG	0.00	0.00	2.65	2.65	0	-717	-704	S	101	QPS	ZG	2.15	5.13	2.65	4.62
0	-717	-704	S	101	QPS	ZG	1.28	5.13	2.15	5.13	0	-717	-704	S	101	QPS	ZG	1.03	5.13	1.28	5.13
0	-677	-678	S	121	QPS	ZG	0.00	0.07	1.91	0.00	0	-677	-678	S	124	QPS	ZG	0.00	1.57	1.91	1.65
0	-657	-678	S	121	QPS	ZG	0.00	1.91	1.57	1.91	0	-657	-678	S	121	QPS	ZG	1.57	1.91	1.65	0.00
0	-2094	-2104	S	303	QPS	ZG	0.00	0.67	0.89	0.67	0	-716	-715	S	101	QPS	ZG	0.00	4.42	1.14	3.28
0	-716	-715	S	113	QPS	ZG	0.00	0.71	1.24	1.95	0	-716	-715	S	101	QPS	ZG	1.14	3.28	1.24	3.18
0	-717	-716	S	101	QPS	ZG	0.00	5.13	0.21	4.92	0	-717	-716	S	113	QPS	ZG	0.00	0.00	0.71	0.71
0	-717	-716	S	101	QPS	ZG	0.21	4.92	0.71	4.42	0	-657	-658	S	110	QPS	ZG	0.00	3.30	3.26	3.30
0	-1240	-1234	S	202	QPS	ZG	0.00	4.10	1.03	4.10	0	-1240	-1234	S	211	QPS	ZG	0.00	2.22	1.03	2.28
0	-678	-706	S	108	QPS	ZG	0.00	6.52	3.31	6.52	0	-1241	-1242	S	209	QPS	ZG	0.00	0.00	0.09	1.57
0	-1241	-1242	S	209	QPS	ZG	0.09	1.57	1.66	1.57	0	-2134	-2133	S	402	QPS	ZG	0.00	0.00	3.18	0.00
0	-678	-679	S	110	QPS	ZG	0.00	3.30	3.26	3.30	0	-1228	-1227	S	210	QPS	ZG	0.00	1.65	0.95	1.61
0	-626	-627	S	103	QPS	ZG	0.00	1.82	0.77	1.05	0	-626	-627	S	116	QPS	ZG	0.70	4.15	1.82	5.27
0	-626	-627	S	116	QPS	ZG	0.00	3.45	0.70	4.15	0	-626	-627	S	103	QPS	ZG	0.77	1.05	1.82	0.00
0	-658	-643	S	103	QPS	ZG	0.00	0.00	0.88	0.88	0	-658	-643	S	116	QPS	ZG	0.42	5.27	1.54	4.15
0	-658	-643	S	116	QPS	ZG	0.00	5.27	0.42	5.27	0	-658	-643	S	107	QPS	ZG	0.00	6.52	1.54	6.52
0	-658	-643	S	103	QPS	ZG	0.88	0.88	1.54	1.54	0	-1240	-1241	S	208	QPS	ZG	0.00	1.68	1.60	1.57
0	-1240	-1241	S	208	QPS	ZG	1.60	1.57	2.22	1.57	0	-706	-713	S	108	QPS	ZG	0.00	6.52	1.02	6.52
0	-2174	-2039	S	401	QPS	ZG	0.00	2.44	5.86	2.44	0	-2174	-2039	S	404	QPS	ZG	5.86	1.77	5.86	1.17
0	-2174	-2039	S	404	QPS	ZG	0.00	2.75	5.86	2.75	0	-659	-658	S	103	QPS	ZG	0.00	0.88	0.88	0.00
0	-659	-658	S	116	QPS	ZG	0.25	4.64	0.88	5.27	0	-659	-658	S	116	QPS	ZG	0.00	4.39	0.25	4.64
0	-659	-658	S	106	QPS	ZG	0.00	3.30	0.88	3.30	0	-713	-725	S	108	QPS	ZG	0.00	6.52	1.19	6.52
0	-2093	-2086	S	302	QPS	ZG	0.00	1.54	0.81	1.54	0	-2093	-2086	S	308	QPS	ZG	0.00	2.22	0.81	2.27
0	-628	-629	S	104	QPS	ZG	0.00	4.44	0.15	4.29	0	-628	-629	S	119	QPS	ZG	0.84	2.10	1.30	2.56
0	-628	-629	S	119	QPS	ZG	0.00	1.26	0.84	2.10	0	-628	-629	S	104	QPS	ZG	1.27	3.17	1.30	3.14
0	-628	-629	S	104	QPS	ZG	0.15	4.29	1.27	3.17	0	-1226	-1242	S	212	QPS	ZG	0.00	1.57	1.57	1.66
0	-1226	-1242	S	213	QPS	ZG	0.00	1.91	1.57	1.91	0	-2074	-2075	S	311	QPS	ZG	0.00	1.57	0.62	1.57
0	-2074	-2075	S	311	QPS	ZG	0.62	1.57	0.71	0.00	0	-2086	-2084	S	302	QPS	ZG	0.00	1.54	0.21	1.54
0	-2086	-2084	S	308	QPS	ZG	0.00	2.27	0.21	2.28	0	-692	-686	S	105	QPS	ZG	0.00	0.99	0.18	0.81
0	-692	-686	S	117	QPS	ZG	0.00	4.53	0.18	4.71	0	-692	-686	S	108	QPS	ZG	0.00	6.52	0.18	6.52
0	-698	-692	S	105	QPS	ZG	0.00	1.96	0.97	0.99	0	-698	-692	S	117	QPS	ZG	0.00	3.56	0.97	4.53
0	-698	-692	S	108	QPS	ZG	0.00	6.52	0.97	6.52	0	-2093	-2094	S	311	QPS	ZG	0.00	1.68	1.60	1.57
0	-2093	-2094	S	311	QPS	ZG	1.60	1.57	2.22	1.57	0	-2123	-2093	S	302	QPS	ZG	0.00	1.54	2.94	1.54
0	-2123	-2093	S	303	QPS	ZG	0.00	0.67	2.94	0.67	0	-1215	-1228</								

Fascicolo dei calcoli

0	-2063	-2066	S	301	QPS	ZG	0.00	1.74	2.00	1.74	0	-2077	-2095	S	309	QPS	ZG	0.00	1.57	1.57	1.66
0	-2077	-2095	S	310	QPS	ZG	0.00	1.91	1.57	1.91	0	-2136	-2135	S	402	QPS	ZG	0.00	0.00	0.71	0.00
0	-659	-660	S	103	QPS	ZG	0.00	0.88	0.66	1.54	0	-659	-660	S	116	QPS	ZG	0.80	3.59	1.12	3.27
0	-659	-660	S	116	QPS	ZG	0.00	4.39	0.80	3.59	0	-659	-660	S	106	QPS	ZG	0.00	3.30	1.12	3.30
0	-659	-660	S	103	QPS	ZG	0.66	1.54	1.12	2.00	0	-2077	-2078	S	313	QPS	ZG	0.00	1.57	0.95	1.61
0	-2078	-2079	S	313	QPS	ZG	0.00	1.61	0.95	1.65	0	-1284	-1271	S	202	QPS	ZG	0.00	4.10	2.65	4.10
0	-2136	-2175	S	402	QPS	ZG	0.00	2.44	5.88	2.44	0	-2136	-2175	S	403	QPS	ZG	0.00	1.05	5.88	1.05
0	-2136	-2175	S	402	QPS	ZG	0.00	0.93	0.00	2.44	0	-2136	-2175	S	402	QPS	ZG	0.00	0.34	0.00	0.93
0	-2136	-2175	S	402	QPS	ZG	0.00	0.00	0.00	0.34	0	-2094	-2095	S	312	QPS	ZG	0.00	0.00	0.09	1.57
0	-2094	-2095	S	312	QPS	ZG	0.09	1.57	1.66	1.57	0	-2135	-2134	S	402	QPS	ZG	0.00	0.00	1.24	0.00
0	-1242	-1243	S	210	QPS	ZG	0.00	1.57	1.91	1.65	0	-1242	-1243	S	213	QPS	ZG	0.00	0.07	1.91	0.00
0	-2116	-2124	S	303	QPS	ZG	0.00	0.67	0.97	0.67	0	-2126	-2130	S	303	QPS	ZG	0.00	0.67	0.61	0.67
0	-1360	-1361	S	600	QPS	ZG	0.00	2.20	0.90	2.20	0	-2066	-2079	S	301	QPS	ZG	0.00	1.74	1.44	1.74
0	-2066	-2079	S	301	QPS	ZG	1.44	1.74	1.54	1.26	0	-627	-628	S	104	QPS	ZG	0.00	5.69	0.01	5.69
0	-627	-628	S	119	QPS	ZG	1.05	1.05	1.26	1.26	0	-627	-628	S	119	QPS	ZG	0.00	0.00	1.05	1.05
0	-627	-628	S	104	QPS	ZG	0.01	5.69	1.26	4.44	0	-633	-637	S	103	QPS	ZG	0.00	1.05	0.77	1.82
0	-633	-637	S	119	QPS	ZG	0.21	1.26	1.05	2.10	0	-633	-637	S	119	QPS	ZG	0.00	1.05	0.21	1.26
0	-633	-637	S	116	QPS	ZG	0.25	4.39	1.05	3.59	0	-633	-637	S	116	QPS	ZG	0.00	4.64	0.25	4.39
0	-633	-637	S	104	QPS	ZG	0.55	4.09	1.05	3.59	0	-633	-637	S	104	QPS	ZG	0.00	4.64	0.55	4.09
0	-633	-637	S	103	QPS	ZG	0.77	1.82	1.05	2.10	0	-1201	-1202	S	203	QPS	ZG	0.00	2.85	1.26	2.85
0	-2136	-2123	S	302	QPS	ZG	0.00	1.54	2.65	1.54	0	-2136	-2123	S	303	QPS	ZG	0.00	0.67	2.65	0.67
0	-1320	-1321	S	600	QPS	ZG	0.00	2.20	1.82	2.20	0	-661	-660	S	103	QPS	ZG	0.00	4.85	1.51	3.34
0	-661	-660	S	116	QPS	ZG	0.03	0.45	2.85	3.27	0	-661	-660	S	116	QPS	ZG	0.00	0.42	0.03	0.45
0	-661	-660	S	106	QPS	ZG	0.00	3.30	2.85	3.30	0	-661	-660	S	103	QPS	ZG	1.51	3.34	2.85	2.00
0	-2095	-2096	S	310	QPS	ZG	0.00	0.07	1.91	0.00	0	-2095	-2096	S	313	QPS	ZG	0.00	1.57	1.91	1.65
0	-1273	-1280	S	206	QPS	ZG	0.00	2.61	1.02	2.61	0	-646	-662	S	103	QPS	ZG	0.00	5.24	0.03	5.27
0	-646	-662	S	119	QPS	ZG	0.00	5.24	0.45	5.69	0	-646	-662	S	116	QPS	ZG	0.03	0.42	0.45	0.00
0	-646	-662	S	116	QPS	ZG	0.00	0.45	0.03	0.42	0	-646	-662	S	104	QPS	ZG	0.00	0.45	0.45	0.00
0	-646	-662	S	103	QPS	ZG	0.03	5.27	0.45	5.27	0	-1361	-1362	S	600	QPS	ZG	0.00	2.20	2.36	2.20
0	-1258	-1252	S	205	QPS	ZG	0.00	4.22	0.18	4.22	0	-1258	-1252	S	206	QPS	ZG	0.00	2.61	0.18	2.61
0	-730	-698	S	105	QPS	ZG	0.00	5.27	0.25	5.27	0	-730	-698	S	117	QPS	ZG	1.55	1.55	3.56	3.56
0	-730	-698	S	117	QPS	ZG	0.00	0.00	1.55	1.55	0	-730	-698	S	108	QPS	ZG	0.00	6.52	3.56	6.52
0	-730	-698	S	105	QPS	ZG	1.88	3.64	3.56	1.96	0	-730	-698	S	105	QPS	ZG	1.76	3.76	1.88	3.64
0	-730	-698	S	105	QPS	ZG	0.25	5.27	1.76	3.76	0	-2076	-2077	S	312	QPS	ZG	0.00	1.57	0.60	1.57
0	-2079	-2087	S	310	QPS	ZG	0.00	1.91	0.76	1.91	0	-1280	-1292	S	206	QPS	ZG	0.00	2.61	1.19	2.61
0	-1265	-1262	S	205	QPS	ZG	0.00	4.22	0.56	4.22	0	-1265	-1262	S	206	QPS	ZG	0.00	2.61	0.56	2.61
0	-662	-661	S	103	QPS	ZG	0.00	5.27	0.42	4.85	0	-662	-661	S	116	QPS	ZG	0.00	0.00	0.42	0.42
0	-662	-661	S	106	QPS	ZG	0.00	3.30	0.42	3.30	0	-682	-683	S	105	QPS	ZG	0.00	3.76	1.51	5.27
0	-682	-683	S	117	QPS	ZG	0.52	0.99	1.51	0.00	0	-682	-683	S	117	QPS	ZG	0.23	1.28	0.52	0.99
0	-682	-683	S	117	QPS	ZG	0.00	1.51	0.23	1.28	0	-682	-683	S	106	QPS	ZG	0.00	3.30	1.51	3.30
0	-2104	-2116	S	303	QPS	ZG	0.00	0.67	1.08	0.67	0	-2087	-2096	S	310	QPS	ZG	0.00	1.91	0.81	1.91
0	-2087	-2096	S	310	QPS	ZG	0.81	1.91	0.89	0.00	0	-2177	-2183	S	404	QPS	ZG	0.00	2.75	0.80	2.75
0	-2177	-2183	S	406	QPS	ZG	0.00	4.05	0.80	4.05	0	-2177	-2183	S	404	QPS	ZG	0.80	1.04	0.80	0.00
0	-2124	-2126	S	303	QPS	ZG	0.00	0.67	0.45	0.67	0	-2183	-2164	S	405	QPS	ZG	0.00	0.00	0.00	1.70
0	-2183	-2164	S	410	QPS	ZG	0.00	4.05	0.93	4.05	0	-2183	-2164	S	405	QPS	ZG	0.85	1.70	0.93	1.70
0	-2183	-2164	S	405	QPS	ZG	0.00	3.39	0.85	3.39	0	-637	-646	S	103	QPS	ZG	0.00	2.10	1.00	3.10
0	-637	-646	S	119	QPS	ZG	0.46	2.56	3.14	5.24	0	-637	-646	S	119	QPS	ZG	0.00	2.10	0.46	2.56
0	-637	-646	S	116	QPS	ZG	0.32	3.27	3.14	0.45	0	-637	-646	S	116	QPS	ZG	0.00	3.59	0.32	3.27
0	-637	-646	S	104	QPS	ZG	2.57	1.02	3.14	0.45	0	-637	-646	S	104	QPS	ZG	0.00	3.59	2.57	1.02
0	-637	-646	S	103	QPS	ZG	1.62	3.72	3.14	5.24	0	-637	-646	S	103	QPS	ZG	1.00	3.10	1.62	3.72
0	-2130	-2141	S	303	QPS	ZG	0.00	0.67	1.59	0.67	0	-627	-633	S	103	QPS	ZG	0.00	0.00	1.05	1.05
0	-627	-633	S	119	QPS	ZG	0.00	0.00	1.05	1.05	0	-627	-633	S	116	QPS	ZG	0.42	5.27	1.05	4.64
0	-627	-633	S	116	QPS	ZG	0.00	5.27	0.42	5.27	0	-627	-633	S	104	QPS	ZG	0.00	5.69	1.05	4.64
0	-2142	-2141	S	405	QPS	ZG	0.00	0.00	0.77	0.00	0	-679	-680	S	105	QPS	ZG	0.00	0.00	0.81	0.81
0	-679	-680	S	117	QPS	ZG	1.80	3.47	2.54	2.73	0	-679	-680	S	117	QPS	ZG	0.00	5.27	1.80	3.47
0	-679	-680	S	106	QPS	ZG	0.00	3.30	2.54	3.30	0	-679	-680	S	105	QPS	ZG	1.96	1.96	2.54	2.54
0	-679	-680	S	105	QPS	ZG	0.99	0.99	1.96	1.96	0	-679	-680	S	105	QPS	ZG	0.81	0.81	0.99	0.99
0	-2176	-2141	S	403	QPS	ZG	0.00	1.05	5.88	1.05	0	-2176	-2141	S	405	QPS	ZG	5.88	0.36	5.88	0.00
0	-2176	-2141	S	405	QPS	ZG	5.88	1.02	5.88	0.36	0	-2176	-2141	S	405	QPS	ZG	5.87	1.70	5.88	1.01
0	-2176	-2141	S	405	QPS	ZG	0.08	1.70	5.87	1.70	0	-2176	-2141	S	405	QPS	ZG	0.00	1.70	0.08	1.70
0	-629	-630	S	104	QPS	ZG	0.00	3.14	3.14	0.00	0	-629	-630	S	119	QPS	ZG	3.13	5.69	3.14	5.69
0	-629	-630	S	119	QPS	ZG	2.68	5.24	3.13	5.69	0	-629	-630	S	119	QPS	ZG	0.00	2.56	2.68	5.24
0	-1203	-1204	S	203	QPS	ZG	0.00	2.85	3.14	2.85	0	-681	-682	S	105	QPS	ZG	0.00	3.64	0.12	3.76
0	-681	-682	S	117	QPS	ZG	0.00	1.63	0.12	1.51	0	-681	-682	S	106	QPS	ZG	0.00	3.30	0.12	3.30
0	-663	-662	S	104	QPS	ZG	0.00	0.20	0.20	0.00	0	-663	-662	S	119	QPS	ZG	0.19	5.69	0.20	5.69
0	-663	-662	S	119	QPS	ZG	0.00	5.50	0.19	5.69	0	-630	-640	S	104	QPS	ZG	0.00	0.00	3.14	3.14
0	-630	-640	S	119	QPS	ZG	1.01	4.68	3.17	2.52	0	-630	-640	S	119	QPS	ZG	0.19	5.50	1.01	4.68
0	-630	-640	S	119	QPS	ZG	0.00	5.69	0.19	5.50	0	-630	-640	S	104	QPS	ZG	3.14	3.14	3.17	3.17
0	-1202	-1203	S	203	QPS	ZG	0.00	2.85	1.30	2.85	0	-2052	-2178	S	406	QPS	ZG	0.00	4.05	5.97	4.05
0	-2052	-2178	S	407	QPS	ZG	0.00	2.71	5.97	0.32	0	-1262	-1258	S	205	QPS	ZG	0.00	4.22	0.41	4.22
0	-1262	-1258	S	206	QPS	ZG	0.00	2.61	0.41	2.											

Fascicolo dei calcoli

0	-687	-693	S	117	QPS	ZG	0.00	0.81	0.18	0.99	0	-687	-693	S	111	QPS	ZG	0.00	4.71	0.18	4.53
0	-688	-687	S	111	QPS	ZG	0.00	4.71	0.23	4.71	0	-688	-687	S	118	QPS	ZG	0.05	0.18	0.23	0.00
0	-688	-687	S	118	QPS	ZG	0.00	0.23	0.05	0.18	0	-2164	-2165	S	409	QPS	ZG	0.00	0.00	0.90	0.00
0	-2111	-2105	S	304	QPS	ZG	0.00	0.98	0.18	0.98	0	-2165	-2166	S	409	QPS	ZG	0.00	0.00	2.36	0.00
0	-693	-695	S	105	QPS	ZG	0.00	4.53	0.29	4.24	0	-693	-695	S	118	QPS	ZG	0.05	0.23	0.29	0.47
0	-693	-695	S	118	QPS	ZG	0.00	0.18	0.05	0.23	0	-693	-695	S	117	QPS	ZG	0.00	0.99	0.29	1.28
0	-693	-695	S	111	QPS	ZG	0.00	4.53	0.29	4.24	0	-688	-689	S	111	QPS	ZG	0.00	4.71	0.76	4.71
0	-688	-689	S	118	QPS	ZG	0.80	1.03	0.85	1.08	0	-688	-689	S	118	QPS	ZG	0.24	0.47	0.80	1.03
0	-688	-689	S	118	QPS	ZG	0.00	0.23	0.24	0.47	0	-688	-689	S	111	QPS	ZG	0.76	4.71	0.85	4.62
0	-1252	-1245	S	205	QPS	ZG	0.00	4.22	0.81	4.22	0	-1252	-1245	S	206	QPS	ZG	0.00	2.61	0.81	2.61
0	-695	-696	S	105	QPS	ZG	0.00	4.24	0.51	3.72	0	-695	-696	S	118	QPS	ZG	0.00	0.47	0.56	1.03
0	-695	-696	S	117	QPS	ZG	0.35	1.63	0.56	1.84	0	-695	-696	S	117	QPS	ZG	0.00	1.28	0.35	1.63
0	-695	-696	S	111	QPS	ZG	0.00	4.24	0.56	3.68	0	-695	-696	S	105	QPS	ZG	0.51	3.72	0.56	3.68
0	-696	-699	S	105	QPS	ZG	0.00	3.68	0.12	3.56	0	-696	-699	S	118	QPS	ZG	0.05	1.08	0.12	1.15
0	-696	-699	S	118	QPS	ZG	0.00	1.03	0.05	1.08	0	-696	-699	S	117	QPS	ZG	0.00	1.84	0.12	1.96
0	-696	-699	S	111	QPS	ZG	0.00	3.68	0.12	3.56	0	-2164	-2144	S	405	QPS	ZG	0.00	1.70	5.80	1.70
0	-2164	-2144	S	409	QPS	ZG	5.80	0.35	5.80	0.00	0	-2164	-2144	S	409	QPS	ZG	5.79	1.06	5.80	0.45
0	-2164	-2144	S	409	QPS	ZG	5.79	1.24	5.79	1.06	0	-2164	-2144	S	409	QPS	ZG	0.00	1.55	5.80	1.55
0	-1362	-1363	S	600	QPS	ZG	0.00	2.20	2.54	2.20	0	-2105	-2098	S	304	QPS	ZG	0.00	0.98	0.81	0.98
0	-2145	-2144	S	409	QPS	ZG	0.00	0.00	0.74	0.00	0	-664	-663	S	104	QPS	ZG	0.00	1.02	0.57	0.45
0	-664	-663	S	119	QPS	ZG	0.00	4.68	0.82	5.50	0	-664	-663	S	104	QPS	ZG	0.57	0.45	0.82	0.20
0	-699	-703	S	105	QPS	ZG	0.00	3.56	0.65	2.91	0	-699	-703	S	118	QPS	ZG	0.00	1.15	0.65	1.80
0	-699	-703	S	117	QPS	ZG	0.00	1.96	0.65	2.61	0	-699	-703	S	111	QPS	ZG	0.00	3.56	0.65	2.91
0	-2117	-2111	S	304	QPS	ZG	0.00	0.98	0.97	0.98	0	-709	-712	S	105	QPS	ZG	0.00	2.05	0.60	1.45
0	-709	-712	S	118	QPS	ZG	0.00	2.66	0.60	3.26	0	-709	-712	S	117	QPS	ZG	0.00	3.47	0.60	4.07
0	-709	-712	S	111	QPS	ZG	0.00	2.05	0.60	1.45	0	-665	-664	S	104	QPS	ZG	0.00	4.09	0.50	3.59
0	-665	-664	S	119	QPS	ZG	0.91	2.52	3.07	4.68	0	-665	-664	S	119	QPS	ZG	0.00	1.61	0.91	2.52
0	-665	-664	S	104	QPS	ZG	0.50	3.59	3.07	1.02	0	-1230	-1229	S	203	QPS	ZG	0.00	2.85	0.20	2.85
0	-703	-709	S	105	QPS	ZG	0.00	2.91	0.43	2.48	0	-703	-709	S	118	QPS	ZG	0.00	1.80	0.86	2.66
0	-703	-709	S	117	QPS	ZG	0.12	2.73	0.86	3.47	0	-703	-709	S	117	QPS	ZG	0.00	2.61	0.12	2.73
0	-703	-709	S	111	QPS	ZG	0.30	2.61	0.86	2.05	0	-703	-709	S	111	QPS	ZG	0.00	2.91	0.30	2.61
0	-703	-709	S	105	QPS	ZG	0.43	2.48	0.86	2.05	0	-1363	-1364	S	600	QPS	ZG	0.00	2.20	1.10	2.20
0	-2147	-2146	S	409	QPS	ZG	0.00	0.00	1.28	0.00	0	-1365	-1366	S	600	QPS	ZG	0.00	2.20	1.51	2.20
0	-731	-730	S	105	QPS	ZG	0.00	3.72	0.51	4.24	0	-731	-730	S	117	QPS	ZG	0.00	1.55	1.55	0.00
0	-731	-730	S	105	QPS	ZG	0.99	4.71	1.55	5.27	0	-731	-730	S	105	QPS	ZG	0.81	4.53	0.99	4.71
0	-731	-730	S	105	QPS	ZG	0.51	4.24	0.81	4.53	0	-732	-731	S	105	QPS	ZG	0.00	2.48	0.43	2.91
0	-732	-731	S	117	QPS	ZG	0.00	2.79	1.25	1.55	0	-732	-731	S	105	QPS	ZG	1.20	3.68	1.25	3.72
0	-732	-731	S	105	QPS	ZG	1.08	3.56	1.20	3.68	0	-732	-731	S	105	QPS	ZG	0.43	2.91	1.08	3.56
0	-2132	-2144	S	304	QPS	ZG	0.00	0.98	1.19	0.98	0	-2149	-2157	S	408	QPS	ZG	0.00	2.50	3.81	2.50
0	-2149	-2157	S	409	QPS	ZG	0.00	1.55	3.81	1.55	0	-2149	-2157	S	408	QPS	ZG	3.81	2.50	3.81	2.50
0	-1364	-1365	S	600	QPS	ZG	0.00	2.20	0.12	2.20	0	-2160	-2166	S	408	QPS	ZG	0.00	2.50	0.11	2.50
0	-2160	-2166	S	409	QPS	ZG	0.96	1.12	0.96	0.00	0	-2160	-2166	S	409	QPS	ZG	0.96	1.55	0.96	1.12
0	-2160	-2166	S	409	QPS	ZG	0.00	1.55	0.96	1.55	0	-2160	-2166	S	408	QPS	ZG	0.96	1.12	0.96	0.00
0	-2160	-2166	S	408	QPS	ZG	0.96	1.79	0.96	1.73	0	-2160	-2166	S	408	QPS	ZG	0.96	2.50	0.96	1.79
0	-2160	-2166	S	408	QPS	ZG	0.11	2.50	0.96	2.50	0	-1231	-1230	S	203	QPS	ZG	0.00	2.85	0.82	2.85
0	-2148	-2147	S	409	QPS	ZG	0.00	0.00	0.37	0.00	0	-666	-665	S	104	QPS	ZG	0.00	5.69	0.01	5.69
0	-666	-665	S	119	QPS	ZG	1.40	1.40	1.61	1.61	0	-666	-665	S	119	QPS	ZG	0.00	0.00	1.40	1.40
0	-666	-665	S	104	QPS	ZG	1.06	4.64	1.61	4.09	0	-666	-665	S	104	QPS	ZG	0.01	5.69	1.06	4.64
0	-690	-689	S	111	QPS	ZG	0.00	1.61	3.01	4.62	0	-690	-689	S	118	QPS	ZG	2.94	1.15	3.01	1.08
0	-690	-689	S	118	QPS	ZG	2.29	1.80	2.94	1.15	0	-690	-689	S	118	QPS	ZG	1.43	2.66	2.29	1.80
0	-690	-689	S	118	QPS	ZG	0.83	3.26	1.43	2.66	0	-690	-689	S	118	QPS	ZG	0.00	4.09	0.83	3.26
0	-1253	-1259	S	204	QPS	ZG	0.00	4.56	0.18	4.56	0	-1253	-1259	S	205	QPS	ZG	0.00	4.22	0.18	4.22
0	-1232	-1231	S	203	QPS	ZG	0.00	2.85	3.07	2.85	0	-735	-734	S	111	QPS	ZG	0.00	1.32	0.50	0.82
0	-735	-734	S	118	QPS	ZG	0.33	4.71	0.50	4.71	0	-735	-734	S	118	QPS	ZG	0.01	4.39	0.33	4.71
0	-735	-734	S	118	QPS	ZG	0.00	4.38	0.01	4.39	0	-1259	-1261	S	204	QPS	ZG	0.00	4.56	0.29	4.56
0	-1259	-1261	S	205	QPS	ZG	0.00	4.22	0.29	4.22	0	-640	-644	S	104	QPS	ZG	0.00	3.17	1.12	4.29
0	-640	-644	S	119	QPS	ZG	0.91	1.61	1.12	1.40	0	-640	-644	S	119	QPS	ZG	0.00	2.52	0.91	1.61
0	-1249	-1253	S	205	QPS	ZG	0.00	4.22	0.81	4.22	0	-1261	-1263	S	204	QPS	ZG	0.00	4.56	0.61	4.56
0	-1261	-1263	S	205	QPS	ZG	0.00	4.22	0.61	4.22	0	-1263	-1266	S	204	QPS	ZG	0.00	4.56	0.07	4.56
0	-1263	-1266	S	205	QPS	ZG	0.00	4.22	0.07	4.22	0	-1270	-1276	S	204	QPS	ZG	0.00	4.56	0.86	4.56
0	-1270	-1276	S	205	QPS	ZG	0.00	4.22	0.86	4.22	0	-2166	-2167	S	408	QPS	ZG	0.00	0.00	2.54	0.00
0	-712	-733	S	105	QPS	ZG	0.00	1.45	1.45	0.00	0	-712	-733	S	118	QPS	ZG	0.00	3.26	1.45	4.71
0	-712	-733	S	117	QPS	ZG	1.20	5.27	1.45	5.27	0	-712	-733	S	117	QPS	ZG	0.00	4.07	1.20	5.27
0	-712	-733	S	111	QPS	ZG	0.13	1.32	1.45	0.00	0	-712	-733	S	111	QPS	ZG	0.00	1.45	0.13	1.32
0	-1266	-1270	S	204	QPS	ZG	0.00	4.56	0.65	4.56	0	-1266	-1270	S	205	QPS	ZG	0.00	4.22	0.65	4.22
0	-734	-733	S	111	QPS	ZG	0.00	0.82	0.82	0.00	0	-734	-733	S	118	QPS	ZG	0.00	4.71	0.82	4.71
0	-2149	-2117	S	304	QPS	ZG	0.00	0.98	3.56	0.98	0	-644	-666	S	104	QPS	ZG	0.00	4.29	0.15	4.44
0	-644	-666	S	119	QPS	ZG	0.00	1.40	1.40	0.00	0	-644	-666	S	104	QPS	ZG	0.15	4.44	1.40	5.69
0	-736	-735	S	111	QPS	ZG	0.00	2.61	0.56	2.05	0	-736	-735	S	118	QPS	ZG	0.02	3.10	1.29	4.38
0	-736	-735	S	118	QPS	ZG	0.00	3.09	0.02	3.10	0	-736	-735	S	111	QPS	ZG	1.16	1.45	1.29	1.32
0	-736	-735	S	111	QPS	ZG	0.56	2.05	1.16	1.45	0	-1276	-1279								

0	-691	-690	S	111	QPS	ZG	1.60	1.60	1.61	1.61	0	-691	-690	S	111	QPS	ZG	0.32	0.32	1.60	1.60
0	-1279	-1300	S	204	QPS	ZG	0.00	4.56	1.45	4.56	0	-1279	-1300	S	205	QPS	ZG	0.00	4.22	1.45	4.22
0	-2151	-2150	S	408	QPS	ZG	0.00	0.00	1.25	0.00	0	-694	-702	S	111	QPS	ZG	0.00	0.32	1.28	1.60
0	-694	-702	S	118	QPS	ZG	0.01	4.38	1.28	3.10	0	-694	-702	S	118	QPS	ZG	0.00	4.39	0.01	4.38
0	-702	-737	S	111	QPS	ZG	0.00	1.60	0.00	1.61	0	-702	-737	S	118	QPS	ZG	0.02	3.09	3.10	0.00
0	-702	-737	S	118	QPS	ZG	0.00	3.11	0.02	3.09	0	-702	-737	S	111	QPS	ZG	3.01	4.62	3.10	4.71
0	-702	-737	S	111	QPS	ZG	0.00	1.61	3.01	4.62	0	-2168	-2169	S	408	QPS	ZG	0.00	0.00	0.12	0.00
0	-2169	-2170	S	408	QPS	ZG	0.00	0.00	1.51	0.00	0	-1233	-1232	S	203	QPS	ZG	0.00	2.85	1.61	2.85
0	-2178	-2184	S	406	QPS	ZG	0.00	4.05	0.80	4.05	0	-2178	-2184	S	407	QPS	ZG	0.00	0.32	0.80	0.00
0	-2184	-2170	S	410	QPS	ZG	0.00	4.05	0.93	4.05	0	-2184	-2170	S	415	QPS	ZG	0.00	0.00	0.93	0.37
0	-2170	-2161	S	408	QPS	ZG	0.00	2.50	0.85	2.50	0	-2170	-2161	S	415	QPS	ZG	0.00	0.37	0.85	0.71
0	-2161	-2159	S	408	QPS	ZG	0.00	2.50	0.11	2.50	0	-2161	-2159	S	414	QPS	ZG	0.00	0.71	0.19	0.78
0	-2161	-2159	S	408	QPS	ZG	0.11	2.50	0.19	2.50	0	-2158	-2152	S	408	QPS	ZG	0.00	2.50	3.81	2.50
0	-2158	-2152	S	414	QPS	ZG	0.00	1.17	3.81	2.71	0	-2158	-2152	S	408	QPS	ZG	3.81	1.18	3.81	0.00
0	-2158	-2152	S	408	QPS	ZG	3.81	1.77	3.81	1.18	0	-2158	-2152	S	408	QPS	ZG	3.81	2.50	3.81	1.77
0	-2152	-2151	S	408	QPS	ZG	0.00	0.00	2.48	0.00	0	-1257	-1260	S	204	QPS	ZG	0.00	4.56	0.32	4.56
0	-2083	-2179	S	411	QPS	ZG	0.00	2.70	5.35	0.00	0	-2083	-2179	S	412	QPS	ZG	4.47	1.17	5.35	0.72
0	-2083	-2179	S	412	QPS	ZG	0.00	1.17	4.47	1.17	0	-2083	-2179	S	412	QPS	ZG	0.00	0.69	0.00	1.17
0	-2083	-2179	S	412	QPS	ZG	0.00	0.36	0.00	0.69	0	-2083	-2179	S	412	QPS	ZG	0.00	0.00	0.00	0.36
0	-2083	-2089	S	412	QPS	ZG	0.00	0.00	0.76	0.00	0	-2110	-2163	S	412	QPS	ZG	0.00	1.17	4.47	1.17
0	-2110	-2163	S	413	QPS	ZG	0.00	2.24	4.47	0.00	0	-2089	-2092	S	412	QPS	ZG	0.00	0.00	0.69	0.00
0	-2092	-2110	S	412	QPS	ZG	0.00	0.00	1.01	0.00	0	-1260	-1269	S	204	QPS	ZG	0.00	4.56	1.28	4.56
0	-1269	-1304	S	204	QPS	ZG	0.00	4.56	3.10	4.56	0	-2155	-2154	S	414	QPS	ZG	0.00	0.00	1.29	0.00
402	-2180	-2181	S	402	QPS	ZG	0.00	0.00	5.13	0.00	402	-2182	-2183	S	404	QPS	ZG	0.00	0.00	3.57	0.00
402	-2182	-2183	S	405	QPS	ZG	0.00	0.00	3.57	0.00	403	-2162	-2161	S	415	QPS	ZG	0.00	0.00	1.08	0.00
406	-2181	-2174	S	400	QPS	ZG	0.00	2.44	0.91	2.44	406	-2181	-2174	S	404	QPS	ZG	0.80	2.75	0.91	2.75
406	-2181	-2174	S	404	QPS	ZG	0.00	2.75	0.80	2.75	409	-2157	-2160	S	408	QPS	ZG	0.00	2.50	0.94	2.50
409	-2157	-2160	S	409	QPS	ZG	0.00	1.55	1.02	1.55	409	-2157	-2160	S	408	QPS	ZG	0.94	2.50	1.02	2.50
410	-2159	-2158	S	408	QPS	ZG	0.00	2.50	0.94	2.50	410	-2159	-2158	S	414	QPS	ZG	0.00	0.78	0.94	1.17
410	-2159	-2158	S	408	QPS	ZG	0.94	2.50	0.94	2.50	412	-2055	-2179	S	407	QPS	ZG	0.00	2.07	7.81	0.24
412	-2055	-2179	S	411	QPS	ZG	0.00	1.85	7.81	0.00	412	-2179	-2184	S	407	QPS	ZG	0.00	0.24	1.04	0.00
412	-2179	-2184	S	412	QPS	ZG	0.00	0.50	1.04	0.00	415	-2163	-2184	S	412	QPS	ZG	0.00	0.80	1.28	0.49
415	-2163	-2184	S	415	QPS	ZG	0.00	0.54	2.32	0.00	415	-2163	-2184	S	415	QPS	ZG	0.00	0.15	0.00	0.54
415	-2163	-2184	S	412	QPS	ZG	1.28	0.49	2.32	0.00	415	-2156	-2163	S	413	QPS	ZG	0.00	1.54	6.49	0.00
415	-2156	-2163	S	414	QPS	ZG	6.25	0.60	6.49	0.54	415	-2156	-2163	S	414	QPS	ZG	0.00	2.06	6.25	0.60
415	-2156	-2163	S	414	QPS	ZG	0.00	1.12	0.00	1.59	422	-2175	-2181	S	402	QPS	ZG	0.00	2.44	0.85	2.44
422	-2175	-2181	S	403	QPS	ZG	0.00	2.11	0.85	2.11											

Elenco carichi aste

Condizione di carico n. 3: Portati Non Strutturali

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	100	QPN	ZG	0.00	1.86	0.15	1.94	0	-635	-611	S	114	QPN	ZG	0.00	0.93	1.86	0.00
0	-635	-611	S	100	QPN	ZG	1.41	2.56	1.86	2.56	0	-635	-611	S	100	QPN	ZG	1.03	2.38	1.41	2.56
0	-635	-611	S	100	QPN	ZG	0.15	1.94	1.03	2.38	0	-611	-612	S	100	QPN	ZG	0.00	2.56	3.24	0.94
0	-611	-612	S	114	QPN	ZG	1.86	0.93	3.24	1.62	0	-611	-612	S	114	QPN	ZG	0.00	0.00	1.86	0.93
0	-641	-635	S	100	QPN	ZG	0.00	0.93	1.86	1.86	0	-641	-635	S	114	QPN	ZG	0.48	1.62	1.86	0.93
0	-641	-635	S	114	QPN	ZG	0.00	1.86	0.48	1.62	0	-612	-613	S	100	QPN	ZG	0.00	0.94	1.28	0.30
0	-612	-613	S	114	QPN	ZG	0.48	1.86	1.28	2.26	0	-612	-613	S	114	QPN	ZG	0.00	1.62	0.48	1.86
0	-647	-641	S	100	QPN	ZG	0.00	0.00	1.86	0.93	0	-647	-641	S	114	QPN	ZG	1.06	2.26	1.86	1.86
0	-647	-641	S	114	QPN	ZG	0.46	2.56	1.06	2.26	0	-647	-641	S	114	QPN	ZG	0.00	2.56	0.46	2.56
0	-1209	-1185	S	200	QPN	ZG	0.00	4.36	1.86	4.36	0	-1214	-1209	S	200	QPN	ZG	0.00	4.36	1.86	4.36
0	-613	-614	S	100	QPN	ZG	0.00	0.30	0.61	0.00	0	-613	-614	S	114	QPN	ZG	0.00	2.26	0.61	2.56
0	-631	-614	S	100	QPN	ZG	0.00	0.50	1.00	0.00	0	-631	-614	S	115	QPN	ZG	0.00	0.50	1.00	0.00
0	-631	-614	S	114	QPN	ZG	0.55	2.56	1.00	2.56	0	-631	-614	S	114	QPN	ZG	0.00	2.29	0.55	2.56
0	-631	-614	S	102	QPN	ZG	0.15	2.42	1.00	2.85	0	-631	-614	S	102	QPN	ZG	0.00	2.34	0.15	2.42
0	-634	-631	S	100	QPN	ZG	0.00	0.60	0.20	0.50	0	-634	-631	S	115	QPN	ZG	0.00	0.60	0.20	0.50
0	-634	-631	S	114	QPN	ZG	0.00	2.19	0.20	2.29	0	-634	-631	S	102	QPN	ZG	0.00	2.24	0.20	2.34
0	-645	-636	S	100	QPN	ZG	0.00	2.29	2.49	1.04	0	-645	-636	S	115	QPN	ZG	2.12	1.23	2.49	1.04
0	-645	-636	S	115	QPN	ZG	0.84	1.87	2.12	1.23	0	-645	-636	S	115	QPN	ZG	0.25	2.16	0.84	1.86
0	-645	-636	S	115	QPN	ZG	0.00	2.29	0.25	2.16	0	-645	-636	S	114	QPN	ZG	0.25	0.63	2.49	1.75
0	-645	-636	S	114	QPN	ZG	0.00	0.51	0.25	0.63	0	-645	-636	S	102	QPN	ZG	2.17	1.64	2.49	1.80
0	-645	-636	S	102	QPN	ZG	0.49	0.80	2.17	1.64	0	-645	-636	S	102	QPN	ZG	0.00	0.54	0.49	0.80
0	-669	-647	S	101	QPN	ZG	0.00	2.56	0.86	2.56	0	-669	-647	S	113	QPN	ZG	0.00	0.43	0.86	0.00
0	-647	-648	S	100	QPN	ZG	0.00	0.00	1.05	0.53	0	-647	-648	S	114	QPN	ZG	0.75	2.19	1.05	2.04
0	-647	-648	S	114	QPN	ZG	0.55	2.29	0.75	2.19	0	-647	-648	S	114	QPN	ZG	0.00	2.56	0.55	2.29
0	-647	-648	S	113	QPN	ZG	0.00	0.00	1.05	0.53	0	-647	-648	S	101	QPN	ZG	0.51	2.31	1.05	2.04
0	-647	-648	S	101	QPN	ZG	0.00	2.56	0.51	2.31	0	-614	-615	S	102	QPN	ZG	0.00	2.85	0.10	2.85
0	-614	-615	S	115	QPN	ZG	2.08	1.04	2.46	1.23	0	-614	-615	S	115	QPN	ZG	0.00	0.00	2.08	1.04
0	-614	-615	S	102	QPN	ZG	1.64	2.08	2.46	1.67	0	-614	-615	S	102	QPN	ZG	0.10	2.85	1.64	2.08
0	-670	-669	S	101	QPN	ZG	0.00	2.56	0.25	2.56	0	-670	-669	S	113	QPN	ZG	0.07	0.53	0.25	0.43
0	-670	-669	S	113	QPN	ZG	0.00	0.56	0.07	0.53	0	-684	-670	S	101	QPN	ZG	0.00	2.46	0.21	2.56
0	-684	-670	S	113	QPN	ZG	0.00	1.18	1.24	0.56	0	-684	-670	S	101	QPN	ZG	0.21	2.56	1.24	2.56
0	-615	-616	S	102	QPN	ZG	0.00	1.67	1.18	1.07	0	-615	-616	S	115	QPN	ZG	0.00	1.23	1.27	1.87
0	-615	-616	S	102	QPN	ZG	1.18	1.07	1.27	1.03	0	-1205	-1188	S	200	QPN	ZG	0.00	4.36	1.00	4.36
0	-1205	-1188	S	201	QPN	ZG	0.00	4.92	1.00	4.92	0	-648	-649	S	100	QPN	ZG	0.00	0.53	2.67	1.86
0	-648	-649	S	114	QPN	ZG	0.58	1.75	2.82	0.63	0	-648	-649	S	114	QPN	ZG	0.00	2.04	0.58	1.75

Fascicolo dei calcoli

0	-648	-649	S	113	QPN	ZG	1.31	1.18	2.82	1.94	0	-648	-649	S	113	QPN	ZG	0.00	0.53	1.31	1.18
0	-648	-649	S	101	QPN	ZG	0.00	2.04	2.82	0.63	0	-648	-649	S	100	QPN	ZG	2.67	1.86	2.82	1.94
0	-649	-650	S	100	QPN	ZG	0.00	1.94	0.88	2.38	0	-649	-650	S	114	QPN	ZG	0.25	0.51	0.88	0.19
0	-649	-650	S	114	QPN	ZG	0.00	0.63	0.25	0.51	0	-649	-650	S	113	QPN	ZG	0.13	2.00	0.88	2.38
0	-649	-650	S	113	QPN	ZG	0.00	1.94	0.13	2.00	0	-649	-650	S	101	QPN	ZG	0.61	0.33	0.88	0.19
0	-649	-650	S	101	QPN	ZG	0.00	0.63	0.61	0.33	0	-1219	-1214	S	200	QPN	ZG	0.00	4.36	1.86	4.36
0	-651	-645	S	100	QPN	ZG	0.00	2.56	0.46	2.56	0	-651	-645	S	115	QPN	ZG	0.00	2.79	1.01	2.29
0	-651	-645	S	114	QPN	ZG	0.00	0.00	1.01	0.51	0	-651	-645	S	102	QPN	ZG	0.00	0.00	1.01	0.54
0	-651	-645	S	100	QPN	ZG	0.46	2.56	1.01	2.29	0	-2060	-2036	S	300	QPN	ZG	0.00	2.13	1.86	2.13
0	-1208	-1205	S	200	QPN	ZG	0.00	4.36	0.20	4.36	0	-1208	-1205	S	201	QPN	ZG	0.00	4.92	0.20	4.92
0	-701	-684	S	101	QPN	ZG	0.00	1.64	1.14	2.21	0	-701	-684	S	113	QPN	ZG	0.13	1.94	1.64	1.18
0	-701	-684	S	113	QPN	ZG	0.00	2.00	0.13	1.94	0	-701	-684	S	101	QPN	ZG	1.14	2.21	1.64	2.46
0	-1237	-1235	S	202	QPN	ZG	0.00	4.36	0.25	4.36	0	-636	-634	S	100	QPN	ZG	0.00	1.04	0.20	0.94
0	-636	-634	S	115	QPN	ZG	0.00	1.04	0.88	0.60	0	-636	-634	S	114	QPN	ZG	0.58	2.04	0.88	2.19
0	-636	-634	S	114	QPN	ZG	0.00	1.75	0.58	2.04	0	-636	-634	S	102	QPN	ZG	0.28	1.94	0.88	2.24
0	-636	-634	S	102	QPN	ZG	0.00	1.80	0.28	1.94	0	-636	-634	S	100	QPN	ZG	0.20	0.94	0.88	0.60
0	-1250	-1237	S	202	QPN	ZG	0.00	4.36	1.24	4.36	0	-616	-617	S	102	QPN	ZG	0.00	1.03	0.59	0.73
0	-616	-617	S	115	QPN	ZG	0.00	1.87	0.59	2.16	0	-1210	-1208	S	200	QPN	ZG	0.00	4.36	0.88	4.36
0	-1210	-1208	S	201	QPN	ZG	0.00	4.92	0.88	4.92	0	-617	-618	S	102	QPN	ZG	0.00	0.73	0.42	0.53
0	-617	-618	S	125	QPN	ZG	0.00	2.00	1.47	2.00	0	-617	-618	S	115	QPN	ZG	1.26	2.79	1.47	2.80
0	-617	-618	S	115	QPN	ZG	0.25	2.29	1.26	2.79	0	-617	-618	S	115	QPN	ZG	0.00	2.16	0.25	2.29
0	-617	-618	S	102	QPN	ZG	0.42	0.53	1.47	0.00	0	-710	-701	S	101	QPN	ZG	0.00	0.82	1.54	1.59
0	-710	-701	S	113	QPN	ZG	0.89	2.38	1.64	2.00	0	-710	-701	S	113	QPN	ZG	0.51	2.56	0.89	2.38
0	-710	-701	S	113	QPN	ZG	0.00	2.56	0.51	2.56	0	-710	-701	S	101	QPN	ZG	1.54	1.59	1.64	1.64
0	-668	-651	S	101	QPN	ZG	0.00	0.33	0.65	0.00	0	-668	-651	S	113	QPN	ZG	0.14	2.56	0.65	2.56
0	-668	-651	S	113	QPN	ZG	0.00	2.56	0.14	2.56	0	-668	-651	S	109	QPN	ZG	0.55	0.80	0.65	0.00
0	-668	-651	S	109	QPN	ZG	0.00	1.14	0.55	1.16	0	-652	-651	S	102	QPN	ZG	0.00	0.75	0.52	0.50
0	-652	-651	S	122	QPN	ZG	0.00	0.79	1.60	0.84	0	-652	-651	S	115	QPN	ZG	1.41	2.98	1.60	2.97
0	-652	-651	S	115	QPN	ZG	0.42	2.45	1.41	2.98	0	-652	-651	S	115	QPN	ZG	0.00	2.23	0.42	2.45
0	-652	-651	S	109	QPN	ZG	0.00	0.05	1.60	0.00	0	-652	-651	S	102	QPN	ZG	0.52	0.50	1.60	0.00
0	-673	-668	S	101	QPN	ZG	0.00	0.84	0.42	0.63	0	-673	-668	S	113	QPN	ZG	0.00	2.56	1.03	2.56
0	-673	-668	S	109	QPN	ZG	0.00	1.11	1.03	1.14	0	-673	-668	S	101	QPN	ZG	0.42	0.63	1.03	0.33
0	-673	-674	S	122	QPN	ZG	0.00	0.84	1.60	0.79	0	-673	-674	S	122	QPN	ZG	1.60	0.79	2.22	0.79
0	-2065	-2060	S	300	QPN	ZG	0.00	2.13	1.86	2.13	0	-2036	-2171	S	401	QPN	ZG	0.00	1.72	5.86	1.72
0	-2070	-2065	S	300	QPN	ZG	0.00	2.13	1.86	2.13	0	-1217	-1210	S	200	QPN	ZG	0.00	4.36	2.49	4.36
0	-1217	-1210	S	201	QPN	ZG	0.00	4.92	2.49	4.92	0	-618	-632	S	102	QPN	ZG	0.00	0.00	1.05	0.53
0	-618	-632	S	115	QPN	ZG	0.00	2.80	1.05	2.31	0	-618	-632	S	107	QPN	ZG	0.00	3.26	1.05	3.26
0	-632	-638	S	102	QPN	ZG	0.00	0.53	0.42	0.73	0	-632	-638	S	115	QPN	ZG	0.45	2.09	1.10	1.77
0	-632	-638	S	115	QPN	ZG	0.00	2.31	0.45	2.09	0	-632	-638	S	107	QPN	ZG	0.00	3.26	1.10	3.26
0	-632	-638	S	102	QPN	ZG	1.01	1.03	1.10	1.07	0	-632	-638	S	102	QPN	ZG	0.42	0.73	1.01	1.03
0	-620	-621	S	125	QPN	ZG	0.00	2.00	1.33	2.00	0	-675	-676	S	123	QPN	ZG	0.00	0.79	0.92	0.79
0	-2056	-2039	S	300	QPN	ZG	0.00	2.13	1.00	2.13	0	-2056	-2039	S	301	QPN	ZG	0.00	2.40	1.00	2.40
0	-1235	-1219	S	202	QPN	ZG	0.00	4.36	0.86	4.36	0	-1268	-1250	S	202	QPN	ZG	0.00	4.36	1.64	4.36
0	-650	-651	S	100	QPN	ZG	0.00	2.38	0.38	2.56	0	-650	-651	S	114	QPN	ZG	0.00	0.19	0.38	0.00
0	-650	-651	S	113	QPN	ZG	0.00	2.38	0.38	2.56	0	-650	-651	S	101	QPN	ZG	0.00	0.19	0.38	0.00
0	-704	-673	S	101	QPN	ZG	0.00	2.31	0.54	2.04	0	-704	-673	S	112	QPN	ZG	0.00	1.89	2.94	1.89
0	-704	-673	S	113	QPN	ZG	2.47	2.56	2.94	2.56	0	-704	-673	S	113	QPN	ZG	0.00	1.33	2.47	2.56
0	-704	-673	S	101	QPN	ZG	0.54	2.04	2.94	0.84	0	-653	-674	S	109	QPN	ZG	0.00	1.15	1.58	1.11
0	-653	-674	S	123	QPN	ZG	0.00	0.04	1.58	0.00	0	-653	-674	S	122	QPN	ZG	0.00	0.00	1.58	0.04
0	-653	-674	S	120	QPN	ZG	0.00	0.78	1.58	0.83	0	-2085	-2070	S	302	QPN	ZG	0.00	2.13	0.86	2.13
0	-2059	-2056	S	300	QPN	ZG	0.00	2.13	0.20	2.13	0	-2059	-2056	S	301	QPN	ZG	0.00	2.40	0.20	2.40
0	-2090	-2085	S	302	QPN	ZG	0.00	2.13	0.25	2.13	0	-1222	-1217	S	200	QPN	ZG	0.00	4.36	1.01	4.36
0	-1222	-1217	S	201	QPN	ZG	0.00	4.92	1.01	4.92	0	-619	-620	S	125	QPN	ZG	0.00	2.00	0.28	2.00
0	-2068	-2061	S	300	QPN	ZG	0.00	2.13	2.49	2.13	0	-2068	-2061	S	301	QPN	ZG	0.00	2.40	2.49	2.40
0	-639	-623	S	103	QPN	ZG	0.00	1.67	1.51	2.43	0	-639	-623	S	116	QPN	ZG	0.80	0.77	2.35	0.00
0	-639	-623	S	116	QPN	ZG	0.18	1.09	0.80	0.77	0	-639	-623	S	116	QPN	ZG	0.00	1.18	0.18	1.09
0	-639	-623	S	107	QPN	ZG	0.00	3.26	2.35	3.26	0	-639	-623	S	103	QPN	ZG	1.93	2.63	2.35	2.63
0	-639	-623	S	103	QPN	ZG	1.51	2.43	1.93	2.63	0	-642	-657	S	102	QPN	ZG	0.00	2.08	1.54	2.85
0	-642	-657	S	115	QPN	ZG	0.59	0.48	1.54	0.00	0	-642	-657	S	115	QPN	ZG	0.00	0.77	0.59	0.48
0	-642	-657	S	107	QPN	ZG	0.00	3.26	1.54	3.26	0	-2061	-2059	S	300	QPN	ZG	0.00	2.13	0.88	2.13
0	-2061	-2059	S	301	QPN	ZG	0.00	2.40	0.88	2.40	0	-714	-710	S	101	QPN	ZG	0.00	0.00	1.64	0.82
0	-714	-710	S	113	QPN	ZG	0.00	2.56	1.64	2.56	0	-1277	-1268	S	202	QPN	ZG	0.00	4.36	1.64	4.36
0	-2103	-2090	S	302	QPN	ZG	0.00	2.13	1.24	2.13	0	-2120	-2103	S	302	QPN	ZG	0.00	2.13	1.64	2.13
0	-2129	-2120	S	302	QPN	ZG	0.00	2.13	1.64	2.13	0	-2133	-2180	S	402	QPN	ZG	0.00	1.72	5.88	1.72
0	-2133	-2180	S	402	QPN	ZG	6.73	1.72	6.73	0.00	0	-2133	-2180	S	402	QPN	ZG	5.88	1.72	6.73	1.72
0	-1234	-1222	S	202	QPN	ZG	0.00	4.36	0.65	4.36	0	-1234	-1222	S	211	QPN	ZG	0.55	0.80	0.65	0.00
0	-1234	-1222	S	211	QPN	ZG	0.00	1.14	0.55	1.16	0	-618	-619	S	125	QPN	ZG	0.00	2.00	0.71	2.00
0	-1192	-1206	S	201	QPN	ZG	0.00	4.92	1.05	4.92	0	-653	-652	S	102	QPN	ZG	0.00	1.16	0.71	0.80
0	-653	-652	S	122	QPN	ZG	0.09	0.79	0.71	0.79	0	-653	-652	S	122	QPN	ZG	0.00	0.00	0.09	0.79
0	-653	-652	S	115	QPN	ZG	0.06	1.77	0.71	2.09	0	-653	-652	S	115	QPN	ZG	0.00	1.74	0.06	1.77
0	-638	-642	S	102	QPN	ZG	0.00	1.07	1.18	1.67	0	-638	-642	S	115	QPN					

Fascicolo dei calcoli

0	-643	-639	S	103	QPN	ZG	0.00	0.77	0.46	1.00	0	-643	-639	S	116	QPN	ZG	0.00	2.08	1.80	1.18
0	-643	-639	S	107	QPN	ZG	0.00	3.26	1.80	3.26	0	-643	-639	S	103	QPN	ZG	0.46	1.00	1.80	1.67
0	-1313	-1314	S	600	QPN	ZG	0.00	6.61	0.28	6.61	0	-1314	-1315	S	600	QPN	ZG	0.00	6.61	1.33	6.61
0	-654	-653	S	102	QPN	ZG	0.00	1.64	0.97	1.16	0	-654	-653	S	123	QPN	ZG	0.00	0.79	0.97	0.79
0	-654	-653	S	115	QPN	ZG	0.00	1.25	0.97	1.74	0	-676	-677	S	123	QPN	ZG	0.00	0.79	0.45	0.79
0	-1315	-1316	S	600	QPN	ZG	0.00	6.61	0.28	6.61	0	-1316	-1317	S	600	QPN	ZG	0.00	6.61	0.68	6.61
0	-655	-654	S	102	QPN	ZG	0.00	1.94	0.28	1.80	0	-655	-654	S	123	QPN	ZG	0.00	0.79	0.60	0.79
0	-655	-654	S	115	QPN	ZG	0.00	0.95	0.60	1.25	0	-655	-654	S	102	QPN	ZG	0.28	1.80	0.60	1.64
0	-674	-685	S	112	QPN	ZG	0.00	1.89	0.89	1.89	0	-656	-655	S	102	QPN	ZG	0.00	2.42	0.15	2.34
0	-656	-655	S	124	QPN	ZG	0.00	0.81	0.95	0.79	0	-656	-655	S	115	QPN	ZG	0.58	0.77	0.95	0.95
0	-656	-655	S	115	QPN	ZG	0.00	0.48	0.58	0.77	0	-656	-655	S	102	QPN	ZG	0.35	2.24	0.95	1.94
0	-656	-655	S	102	QPN	ZG	0.15	2.34	0.35	2.24	0	-655	-677	S	120	QPN	ZG	0.00	0.79	1.57	0.83
0	-655	-677	S	121	QPN	ZG	0.00	0.95	1.57	0.95	0	-2040	-2041	S	404	QPN	ZG	0.00	0.00	1.27	0.00
0	-1223	-1222	S	201	QPN	ZG	0.00	0.23	1.60	0.32	0	-1223	-1222	S	211	QPN	ZG	0.00	0.05	1.60	0.00
0	-1223	-1222	S	208	QPN	ZG	0.00	0.79	1.60	0.84	0	-622	-623	S	125	QPN	ZG	0.00	2.00	0.68	2.00
0	-456	-457	S	--	M	ZG	0.00	4.50	3.18	4.50	0	-685	-697	S	112	QPN	ZG	0.00	1.89	1.08	1.89
0	-1224	-1223	S	208	QPN	ZG	0.00	0.00	0.09	0.79	0	-1224	-1223	S	208	QPN	ZG	0.09	0.79	0.71	0.79
0	-1319	-1320	S	600	QPN	ZG	0.00	6.61	1.28	6.61	0	-705	-707	S	112	QPN	ZG	0.00	1.89	0.45	1.89
0	-1271	-1240	S	202	QPN	ZG	0.00	4.36	2.94	4.36	0	-1271	-1240	S	207	QPN	ZG	0.00	1.50	2.94	1.50
0	-1224	-1241	S	208	QPN	ZG	0.00	0.00	1.58	0.04	0	-1224	-1241	S	212	QPN	ZG	0.00	0.78	1.58	0.83
0	-1224	-1241	S	211	QPN	ZG	0.00	1.15	1.58	1.11	0	-1224	-1241	S	209	QPN	ZG	0.00	0.04	1.58	0.00
0	-715	-714	S	101	QPN	ZG	0.00	1.59	1.54	0.82	0	-715	-714	S	113	QPN	ZG	0.71	1.33	3.18	2.56
0	-715	-714	S	113	QPN	ZG	0.00	0.97	0.71	1.33	0	-715	-714	S	101	QPN	ZG	1.54	0.82	3.18	0.00
0	-1312	-1313	S	600	QPN	ZG	0.00	6.61	0.71	6.61	0	-1212	-1215	S	201	QPN	ZG	0.00	4.92	2.00	4.92
0	-686	-679	S	105	QPN	ZG	0.00	0.41	0.81	0.00	0	-686	-679	S	117	QPN	ZG	0.56	2.63	0.81	2.63
0	-686	-679	S	117	QPN	ZG	0.00	2.35	0.56	2.63	0	-686	-679	S	108	QPN	ZG	0.00	3.26	0.81	3.26
0	-2043	-2057	S	301	QPN	ZG	0.00	2.40	1.05	2.40	0	-1281	-1277	S	202	QPN	ZG	0.00	4.36	1.64	4.36
0	-1226	-1225	S	209	QPN	ZG	0.00	0.79	0.60	0.79	0	-2084	-2073	S	302	QPN	ZG	0.00	2.13	0.65	2.13
0	-2084	-2073	S	308	QPN	ZG	0.55	0.80	0.65	0.00	0	-2084	-2073	S	308	QPN	ZG	0.00	1.14	0.55	1.16
0	-674	-675	S	123	QPN	ZG	0.00	0.00	0.09	0.79	0	-674	-675	S	123	QPN	ZG	0.09	0.79	0.29	0.79
0	-697	-705	S	112	QPN	ZG	0.00	1.89	0.97	1.89	0	-2171	-2180	S	400	QPN	ZG	0.00	1.72	0.91	1.72
0	-657	-656	S	102	QPN	ZG	0.00	2.85	0.10	2.85	0	-657	-656	S	124	QPN	ZG	0.00	0.82	0.95	0.81
0	-657	-656	S	115	QPN	ZG	0.00	0.00	0.95	0.48	0	-657	-656	S	102	QPN	ZG	0.10	2.85	0.95	2.42
0	-1225	-1224	S	209	QPN	ZG	0.00	0.79	0.97	0.79	0	-2073	-2068	S	300	QPN	ZG	0.00	2.13	1.01	2.13
0	-2073	-2068	S	301	QPN	ZG	0.00	2.40	1.01	2.40	0	-2057	-2063	S	301	QPN	ZG	0.00	2.40	1.10	2.40
0	-947	-948	S	--	M	ZG	0.00	2.25	3.18	2.25	0	-947	-948	S	--	M	ZG	0.00	1.05	3.18	1.05
0	-1227	-1226	S	210	QPN	ZG	0.00	0.81	0.95	0.79	0	-2043	-2177	S	404	QPN	ZG	0.00	1.94	5.86	1.94
0	-2043	-2177	S	406	QPN	ZG	0.00	2.86	5.97	2.86	0	-2043	-2177	S	404	QPN	ZG	5.86	1.94	5.97	1.94
0	-625	-626	S	103	QPN	ZG	0.00	1.55	1.28	0.91	0	-625	-626	S	116	QPN	ZG	0.18	1.18	1.28	1.73
0	-625	-626	S	116	QPN	ZG	0.00	1.09	0.18	1.18	0	-1317	-1318	S	600	QPN	ZG	0.00	6.61	1.55	6.61
0	-1318	-1319	S	600	QPN	ZG	0.00	6.61	0.63	6.61	0	-717	-704	S	101	QPN	ZG	0.00	2.56	1.03	2.56
0	-717	-704	S	112	QPN	ZG	0.00	1.89	2.65	1.89	0	-717	-704	S	113	QPN	ZG	0.00	0.00	2.65	1.33
0	-717	-704	S	101	QPN	ZG	2.15	2.56	2.65	2.31	0	-717	-704	S	101	QPN	ZG	1.28	2.56	2.15	2.56
0	-717	-704	S	101	QPN	ZG	1.03	2.56	1.28	2.56	0	-677	-678	S	121	QPN	ZG	0.00	0.04	1.91	0.00
0	-677	-678	S	124	QPN	ZG	0.00	0.79	1.91	0.82	0	-657	-678	S	121	QPN	ZG	0.00	0.95	1.57	0.95
0	-657	-678	S	121	QPN	ZG	1.57	0.95	1.65	0.00	0	-2094	-2104	S	303	QPN	ZG	0.00	0.92	0.89	0.92
0	-707	-711	S	112	QPN	ZG	0.00	1.89	0.61	1.89	0	-716	-715	S	101	QPN	ZG	0.00	2.21	1.14	1.64
0	-716	-715	S	113	QPN	ZG	0.00	0.35	1.24	0.97	0	-716	-715	S	101	QPN	ZG	1.14	1.64	1.24	1.59
0	-717	-716	S	101	QPN	ZG	0.00	2.56	0.21	2.46	0	-717	-716	S	113	QPN	ZG	0.00	0.00	0.71	0.35
0	-717	-716	S	101	QPN	ZG	0.21	2.46	0.71	2.21	0	-657	-658	S	110	QPN	ZG	0.00	1.65	3.26	1.65
0	-711	-722	S	112	QPN	ZG	0.00	1.89	1.59	1.89	0	-1240	-1234	S	202	QPN	ZG	0.00	4.36	1.03	4.36
0	-1240	-1234	S	211	QPN	ZG	0.00	1.11	1.03	1.14	0	-678	-706	S	108	QPN	ZG	0.00	3.26	3.31	3.26
0	-1241	-1242	S	209	QPN	ZG	0.00	0.00	0.09	0.79	0	-1241	-1242	S	209	QPN	ZG	0.09	0.79	1.66	0.79
0	-2134	-2133	S	402	QPN	ZG	0.00	0.00	3.18	0.00	0	-1251	-1264	S	207	QPN	ZG	0.00	1.50	1.08	1.50
0	-678	-679	S	110	QPN	ZG	0.00	1.65	3.26	1.65	0	-1228	-1227	S	210	QPN	ZG	0.00	0.82	0.95	0.81
0	-626	-627	S	103	QPN	ZG	0.00	0.91	0.77	0.53	0	-626	-627	S	116	QPN	ZG	0.70	2.08	1.82	2.63
0	-626	-627	S	116	QPN	ZG	0.00	1.73	0.70	2.08	0	-626	-627	S	103	QPN	ZG	0.77	0.53	1.82	0.00
0	-658	-643	S	103	QPN	ZG	0.00	0.00	0.88	0.44	0	-658	-643	S	116	QPN	ZG	0.42	2.63	1.54	2.08
0	-658	-643	S	116	QPN	ZG	0.00	2.63	0.42	2.63	0	-658	-643	S	107	QPN	ZG	0.00	3.26	1.54	3.26
0	-658	-643	S	103	QPN	ZG	0.88	0.44	1.54	0.77	0	-1240	-1241	S	208	QPN	ZG	0.00	0.84	1.60	0.79
0	-1240	-1241	S	208	QPN	ZG	1.60	0.79	2.22	0.79	0	-706	-713	S	108	QPN	ZG	0.00	3.26	1.02	3.26
0	-2174	-2039	S	401	QPN	ZG	0.00	1.72	5.86	1.72	0	-2174	-2039	S	404	QPN	ZG	5.86	1.25	5.86	0.82
0	-2174	-2039	S	404	QPN	ZG	0.00	1.94	5.86	1.94	0	-1241	-1251	S	207	QPN	ZG	0.00	1.50	0.89	1.50
0	-659	-658	S	103	QPN	ZG	0.00	0.44	0.88	0.00	0	-659	-658	S	116	QPN	ZG	0.25	2.32	0.88	2.63
0	-659	-658	S	116	QPN	ZG	0.00	2.19	0.25	2.32	0	-659	-658	S	106	QPN	ZG	0.00	1.65	0.88	1.65
0	-713	-725	S	108	QPN	ZG	0.00	3.26	1.19	3.26	0	-2093	-2086	S	302	QPN	ZG	0.00	2.13	0.81	2.13
0	-2093	-2086	S	308	QPN	ZG	0.00	1.11	0.81	1.13	0	-628	-629	S	104	QPN	ZG	0.00	2.22	0.15	2.15
0	-628	-629	S	119	QPN	ZG	0.84	1.05	1.30	1.28	0	-628	-629	S	119	QPN	ZG	0.00	0.63	0.84	1.05
0	-628	-629	S	104	QPN	ZG	1.27	1.58	1.30	1.57	0	-628	-629	S	104	QPN	ZG	0.15	2.15	1.27	1.58
0	-1226	-1242	S	212	QPN	ZG	0.00	0.79	1.57	0.83	0	-1226	-1242	S	213	QPN	ZG	0.00	0.95	1.57	0.95
0	-2074	-2075	S	311	QPN	ZG	0.00	0.79	0.62	0.79	0	-2074	-2075								

0	-1228	-1243	S	213	QPN	ZG	0.00	0.95	1.57	0.95	0	-1228	-1243	S	213	QPN	ZG	1.57	0.95	1.65	0.00
0	-2075	-2094	S	308	QPN	ZG	0.00	1.15	1.58	1.11	0	-2075	-2094	S	312	QPN	ZG	0.00	0.04	1.58	0.00
0	-2075	-2094	S	311	QPN	ZG	0.00	0.00	1.58	0.04	0	-2075	-2094	S	309	QPN	ZG	0.00	0.78	1.58	0.83
0	-2075	-2076	S	312	QPN	ZG	0.00	0.79	0.97	0.79	0	-1243	-1273	S	206	QPN	ZG	0.00	2.77	3.31	2.77
0	-680	-681	S	105	QPN	ZG	0.00	1.27	1.10	1.82	0	-680	-681	S	117	QPN	ZG	0.12	1.30	1.10	0.81
0	-680	-681	S	117	QPN	ZG	0.00	1.36	0.12	1.30	0	-680	-681	S	106	QPN	ZG	0.00	1.65	1.10	1.65
0	-2063	-2066	S	301	QPN	ZG	0.00	2.40	2.00	2.40	0	-2077	-2095	S	309	QPN	ZG	0.00	0.79	1.57	0.83
0	-2077	-2095	S	310	QPN	ZG	0.00	0.95	1.57	0.95	0	-2136	-2135	S	402	QPN	ZG	0.00	0.00	0.71	0.00
0	-659	-660	S	103	QPN	ZG	0.00	0.44	0.66	0.77	0	-659	-660	S	116	QPN	ZG	0.80	1.79	1.12	1.63
0	-659	-660	S	116	QPN	ZG	0.00	2.19	0.80	1.79	0	-659	-660	S	106	QPN	ZG	0.00	1.65	1.12	1.65
0	-659	-660	S	103	QPN	ZG	0.66	0.77	1.12	1.00	0	-2077	-2078	S	313	QPN	ZG	0.00	0.79	0.95	0.81
0	-2078	-2079	S	313	QPN	ZG	0.00	0.81	0.95	0.82	0	-1284	-1271	S	202	QPN	ZG	0.00	4.36	2.65	4.36
0	-1284	-1271	S	207	QPN	ZG	0.00	1.50	2.65	1.50	0	-1274	-1278	S	207	QPN	ZG	0.00	1.50	0.61	1.50
0	-2136	-2175	S	402	QPN	ZG	0.00	1.72	5.88	1.72	0	-2136	-2175	S	403	QPN	ZG	0.00	0.74	5.88	0.74
0	-2136	-2175	S	402	QPN	ZG	0.00	0.65	0.00	1.72	0	-2136	-2175	S	402	QPN	ZG	0.00	0.24	0.00	0.65
0	-2136	-2175	S	402	QPN	ZG	0.00	0.00	0.00	0.24	0	-2094	-2095	S	312	QPN	ZG	0.00	0.00	0.09	0.79
0	-2094	-2095	S	312	QPN	ZG	0.09	0.79	1.66	0.79	0	-2135	-2134	S	402	QPN	ZG	0.00	0.00	1.24	0.00
0	-1242	-1243	S	210	QPN	ZG	0.00	0.79	1.91	0.82	0	-1242	-1243	S	213	QPN	ZG	0.00	0.04	1.91	0.00
0	-2116	-2124	S	303	QPN	ZG	0.00	0.92	0.97	0.92	0	-2126	-2130	S	303	QPN	ZG	0.00	0.92	0.61	0.92
0	-1360	-1361	S	600	QPN	ZG	0.00	6.61	0.90	6.61	0	-2066	-2079	S	301	QPN	ZG	0.00	2.40	1.44	2.40
0	-2066	-2079	S	301	QPN	ZG	1.44	2.40	1.54	1.74	0	-627	-628	S	104	QPN	ZG	0.00	2.85	0.01	2.85
0	-627	-628	S	119	QPN	ZG	1.05	0.53	1.26	0.63	0	-627	-628	S	119	QPN	ZG	0.00	0.00	1.05	0.53
0	-627	-628	S	104	QPN	ZG	0.01	2.85	1.26	2.22	0	-633	-637	S	103	QPN	ZG	0.00	0.53	0.77	0.91
0	-633	-637	S	119	QPN	ZG	0.21	0.63	1.05	1.05	0	-633	-637	S	119	QPN	ZG	0.00	0.53	0.21	0.63
0	-633	-637	S	116	QPN	ZG	0.25	2.19	1.05	1.79	0	-633	-637	S	116	QPN	ZG	0.00	2.32	0.25	2.19
0	-633	-637	S	104	QPN	ZG	0.55	2.04	1.05	1.79	0	-633	-637	S	104	QPN	ZG	0.00	2.32	0.55	2.05
0	-633	-637	S	103	QPN	ZG	0.77	0.91	1.05	1.05	0	-1201	-1202	S	203	QPN	ZG	0.00	7.25	1.26	7.25
0	-2136	-2123	S	302	QPN	ZG	0.00	2.13	2.65	2.13	0	-2136	-2123	S	303	QPN	ZG	0.00	0.92	2.65	0.92
0	-1320	-1321	S	600	QPN	ZG	0.00	6.61	1.82	6.61	0	-1278	-1289	S	207	QPN	ZG	0.00	1.50	1.59	1.50
0	-661	-660	S	103	QPN	ZG	0.00	2.42	1.51	1.67	0	-661	-660	S	116	QPN	ZG	0.03	0.23	2.85	1.63
0	-661	-660	S	116	QPN	ZG	0.00	0.21	0.03	0.23	0	-661	-660	S	106	QPN	ZG	0.00	1.65	2.85	1.65
0	-661	-660	S	103	QPN	ZG	1.51	1.67	2.85	1.00	0	-2095	-2096	S	310	QPN	ZG	0.00	0.04	1.91	0.00
0	-2095	-2096	S	313	QPN	ZG	0.00	0.79	1.91	0.82	0	-1273	-1280	S	206	QPN	ZG	0.00	2.77	1.02	2.77
0	-646	-662	S	103	QPN	ZG	0.00	2.62	0.03	2.64	0	-646	-662	S	119	QPN	ZG	0.00	2.62	0.45	2.85
0	-646	-662	S	116	QPN	ZG	0.03	0.21	0.45	0.00	0	-646	-662	S	116	QPN	ZG	0.00	0.23	0.03	0.21
0	-646	-662	S	104	QPN	ZG	0.00	0.23	0.45	0.00	0	-646	-662	S	103	QPN	ZG	0.03	2.63	0.45	2.63
0	-1361	-1362	S	600	QPN	ZG	0.00	6.61	2.36	6.61	0	-1258	-1252	S	205	QPN	ZG	0.00	4.48	0.18	4.48
0	-1258	-1252	S	206	QPN	ZG	0.00	2.77	0.18	2.77	0	-730	-698	S	105	QPN	ZG	0.00	2.63	0.25	2.63
0	-730	-698	S	117	QPN	ZG	1.55	0.77	3.56	1.78	0	-730	-698	S	117	QPN	ZG	0.00	0.00	1.55	0.77
0	-730	-698	S	108	QPN	ZG	0.00	3.26	3.56	3.26	0	-730	-698	S	105	QPN	ZG	1.88	1.82	3.56	0.98
0	-730	-698	S	105	QPN	ZG	1.76	1.88	1.88	1.82	0	-730	-698	S	105	QPN	ZG	0.25	2.63	1.76	1.88
0	-2076	-2077	S	312	QPN	ZG	0.00	0.79	0.60	0.79	0	-2079	-2087	S	310	QPN	ZG	0.00	0.95	0.76	0.95
0	-1280	-1292	S	206	QPN	ZG	0.00	2.77	1.19	2.77	0	-1265	-1262	S	205	QPN	ZG	0.00	4.48	0.56	4.48
0	-1265	-1262	S	206	QPN	ZG	0.00	2.77	0.56	2.77	0	-662	-661	S	103	QPN	ZG	0.00	2.63	0.42	2.42
0	-662	-661	S	116	QPN	ZG	0.00	0.00	0.42	0.21	0	-662	-661	S	106	QPN	ZG	0.00	1.65	0.42	1.65
0	-682	-683	S	105	QPN	ZG	0.00	1.88	1.51	2.63	0	-682	-683	S	117	QPN	ZG	0.23	0.64	1.51	0.00
0	-682	-683	S	117	QPN	ZG	0.00	0.75	0.23	0.64	0	-682	-683	S	106	QPN	ZG	0.00	1.65	1.51	1.65
0	-2104	-2116	S	303	QPN	ZG	0.00	0.92	1.08	0.92	0	-2087	-2096	S	310	QPN	ZG	0.00	0.95	0.81	0.95
0	-2087	-2096	S	310	QPN	ZG	0.81	0.95	0.89	0.00	0	-2177	-2183	S	404	QPN	ZG	0.00	1.94	0.80	1.94
0	-2177	-2183	S	406	QPN	ZG	0.00	2.86	0.80	2.86	0	-2177	-2183	S	404	QPN	ZG	0.80	0.74	0.80	0.00
0	-2124	-2126	S	303	QPN	ZG	0.00	0.92	0.45	0.92	0	-2183	-2164	S	405	QPN	ZG	0.00	0.00	0.00	1.20
0	-2183	-2164	S	410	QPN	ZG	0.00	2.86	0.93	2.86	0	-2183	-2164	S	405	QPN	ZG	0.85	1.20	0.93	1.20
0	-2183	-2164	S	405	QPN	ZG	0.00	2.39	0.85	2.39	0	-637	-646	S	103	QPN	ZG	0.00	1.05	1.00	1.55
0	-637	-646	S	119	QPN	ZG	0.46	1.28	3.14	2.62	0	-637	-646	S	119	QPN	ZG	0.00	1.05	0.46	1.28
0	-637	-646	S	116	QPN	ZG	0.32	1.63	3.14	0.23	0	-637	-646	S	116	QPN	ZG	0.00	1.79	0.32	1.63
0	-637	-646	S	104	QPN	ZG	0.00	1.79	3.14	0.23	0	-637	-646	S	103	QPN	ZG	1.62	1.86	3.14	2.62
0	-637	-646	S	103	QPN	ZG	1.00	1.55	1.62	1.86	0	-2130	-2141	S	303	QPN	ZG	0.00	0.92	1.59	0.92
0	-627	-633	S	103	QPN	ZG	0.00	0.00	1.05	0.53	0	-627	-633	S	119	QPN	ZG	0.00	0.00	1.05	0.53
0	-627	-633	S	116	QPN	ZG	0.42	2.63	1.05	2.32	0	-627	-633	S	116	QPN	ZG	0.00	2.63	0.42	2.63
0	-627	-633	S	104	QPN	ZG	0.00	2.85	1.05	2.32	0	-2142	-2141	S	405	QPN	ZG	0.00	0.00	0.77	0.00
0	-679	-680	S	105	QPN	ZG	0.00	0.00	0.81	0.41	0	-679	-680	S	117	QPN	ZG	1.80	1.74	2.54	1.36
0	-679	-680	S	117	QPN	ZG	0.00	2.63	1.80	1.74	0	-679	-680	S	106	QPN	ZG	0.00	1.65	2.54	1.65
0	-679	-680	S	105	QPN	ZG	1.96	0.98	2.54	1.27	0	-679	-680	S	105	QPN	ZG	0.99	0.49	1.96	0.98
0	-679	-680	S	105	QPN	ZG	0.81	0.41	0.99	0.49	0	-2176	-2141	S	403	QPN	ZG	0.00	0.74	5.88	0.74
0	-2176	-2141	S	405	QPN	ZG	5.88	0.26	5.88	0.00	0	-2176	-2141	S	405	QPN	ZG	5.88	0.72	5.88	0.26
0	-2176	-2141	S	405	QPN	ZG	5.87	1.20	5.88	0.72	0	-2176	-2141	S	405	QPN	ZG	0.00	1.20	5.88	1.20
0	-629	-630	S	104	QPN	ZG	0.00	1.57	3.14	0.00	0	-629	-630	S	119	QPN	ZG	3.13	2.84	3.14	2.84
0	-629	-630	S	119	QPN	ZG	2.68	2.62	3.13	2.84	0	-629	-630	S	119	QPN	ZG	0.00	1.28	2.68	2.62
0	-1203	-1204	S	203	QPN	ZG	0.00	7.25	3.14	7.25	0	-681	-682	S	105	QPN	ZG	0.00	1.82	0.12	1.88
0	-681	-682	S	117	QPN	ZG	0.00	0.81	0.12	0.75	0	-681	-682	S	106	QPN	ZG	0.00	1.65	0.12	1.65
0	-663	-662	S	104	QPN	ZG	0.00	0.10	0.20												

Fascicolo dei calcoli

0	-733	-732	S	117	QPN	ZG	0.56	2.35	1.71	1.78	0	-733	-732	S	117	QPN	ZG	0.00	2.63	0.56	2.35
0	-2143	-2142	S	405	QPN	ZG	0.00	0.00	1.37	0.00	0	-2144	-2143	S	405	QPN	ZG	0.00	0.00	1.43	0.00
0	-2125	-2132	S	304	QPN	ZG	0.00	1.35	1.02	1.35	0	-683	-687	S	105	QPN	ZG	0.00	2.63	0.25	2.63
0	-683	-687	S	117	QPN	ZG	0.00	0.00	0.81	0.41	0	-683	-687	S	105	QPN	ZG	0.25	2.63	0.81	2.35
0	-687	-693	S	105	QPN	ZG	0.00	2.35	0.18	2.27	0	-687	-693	S	118	QPN	ZG	0.00	0.00	0.18	0.09
0	-687	-693	S	117	QPN	ZG	0.00	0.41	0.18	0.49	0	-687	-693	S	111	QPN	ZG	0.00	2.36	0.18	2.27
0	-688	-687	S	111	QPN	ZG	0.00	2.35	0.23	2.35	0	-688	-687	S	118	QPN	ZG	0.05	0.09	0.23	0.00
0	-688	-687	S	118	QPN	ZG	0.00	0.12	0.05	0.09	0	-2164	-2165	S	409	QPN	ZG	0.00	0.00	0.90	0.00
0	-2111	-2105	S	304	QPN	ZG	0.00	1.35	0.18	1.35	0	-2165	-2166	S	409	QPN	ZG	0.00	0.00	2.36	0.00
0	-693	-695	S	105	QPN	ZG	0.00	2.27	0.29	2.12	0	-693	-695	S	118	QPN	ZG	0.05	0.12	0.29	0.24
0	-693	-695	S	118	QPN	ZG	0.00	0.09	0.05	0.12	0	-693	-695	S	117	QPN	ZG	0.00	0.49	0.29	0.64
0	-693	-695	S	111	QPN	ZG	0.00	2.27	0.29	2.12	0	-688	-689	S	111	QPN	ZG	0.00	2.35	0.76	2.35
0	-688	-689	S	118	QPN	ZG	0.80	0.52	0.85	0.54	0	-688	-689	S	118	QPN	ZG	0.24	0.24	0.80	0.52
0	-688	-689	S	118	QPN	ZG	0.00	0.12	0.24	0.24	0	-688	-689	S	111	QPN	ZG	0.76	2.35	0.85	2.31
0	-2052	-2058	S	307	QPN	ZG	0.00	1.00	1.05	1.00	0	-1252	-1245	S	205	QPN	ZG	0.00	4.48	0.81	4.48
0	-1252	-1245	S	206	QPN	ZG	0.00	2.77	0.81	2.77	0	-695	-696	S	105	QPN	ZG	0.00	2.12	0.51	1.86
0	-695	-696	S	118	QPN	ZG	0.00	0.24	0.56	0.52	0	-695	-696	S	117	QPN	ZG	0.35	0.81	0.56	0.92
0	-695	-696	S	117	QPN	ZG	0.00	0.64	0.35	0.81	0	-695	-696	S	111	QPN	ZG	0.00	2.12	0.56	1.84
0	-695	-696	S	105	QPN	ZG	0.51	1.86	0.56	1.84	0	-696	-699	S	105	QPN	ZG	0.00	1.84	0.12	1.78
0	-696	-699	S	118	QPN	ZG	0.05	0.54	0.12	0.57	0	-696	-699	S	118	QPN	ZG	0.00	0.52	0.05	0.54
0	-696	-699	S	117	QPN	ZG	0.00	0.92	0.12	0.98	0	-696	-699	S	111	QPN	ZG	0.00	1.84	0.12	1.78
0	-2164	-2144	S	405	QPN	ZG	0.00	1.20	5.80	1.20	0	-2164	-2144	S	409	QPN	ZG	5.80	0.25	5.80	0.00
0	-2164	-2144	S	409	QPN	ZG	5.79	0.75	5.80	0.32	0	-2164	-2144	S	409	QPN	ZG	5.79	0.87	5.79	0.75
0	-2164	-2144	S	409	QPN	ZG	0.00	1.09	5.80	1.09	0	-1362	-1363	S	600	QPN	ZG	0.00	6.61	2.54	6.61
0	-2105	-2098	S	304	QPN	ZG	0.00	1.35	0.81	1.35	0	-2145	-2144	S	409	QPN	ZG	0.00	0.00	0.74	0.00
0	-664	-663	S	104	QPN	ZG	0.00	0.51	0.57	0.23	0	-664	-663	S	119	QPN	ZG	0.00	2.34	0.82	2.75
0	-664	-663	S	104	QPN	ZG	0.57	0.23	0.82	0.10	0	-699	-703	S	105	QPN	ZG	0.00	1.78	0.65	1.46
0	-699	-703	S	118	QPN	ZG	0.00	0.57	0.65	0.90	0	-699	-703	S	117	QPN	ZG	0.00	0.98	0.65	1.30
0	-699	-703	S	111	QPN	ZG	0.00	1.78	0.65	1.46	0	-2117	-2111	S	304	QPN	ZG	0.00	1.35	0.97	1.35
0	-709	-712	S	105	QPN	ZG	0.00	1.02	0.60	0.73	0	-709	-712	S	118	QPN	ZG	0.00	1.33	0.60	1.63
0	-709	-712	S	117	QPN	ZG	0.00	1.74	0.60	2.03	0	-709	-712	S	111	QPN	ZG	0.00	1.02	0.60	0.73
0	-665	-664	S	104	QPN	ZG	0.00	2.04	0.50	1.79	0	-665	-664	S	119	QPN	ZG	0.00	0.81	3.07	2.34
0	-665	-664	S	104	QPN	ZG	0.50	1.79	3.07	0.51	0	-1230	-1229	S	203	QPN	ZG	0.00	7.25	0.20	7.25
0	-703	-709	S	105	QPN	ZG	0.00	1.46	0.43	1.24	0	-703	-709	S	118	QPN	ZG	0.00	0.90	0.86	1.33
0	-703	-709	S	117	QPN	ZG	0.12	1.36	0.86	1.74	0	-703	-709	S	117	QPN	ZG	0.00	1.30	0.12	1.36
0	-703	-709	S	111	QPN	ZG	0.30	1.31	0.86	1.02	0	-703	-709	S	111	QPN	ZG	0.00	1.46	0.30	1.31
0	-703	-709	S	105	QPN	ZG	0.43	1.24	0.86	1.02	0	-1363	-1364	S	600	QPN	ZG	0.00	6.61	1.10	6.61
0	-2098	-2099	S	305	QPN	ZG	0.00	0.97	2.54	0.97	0	-2147	-2146	S	409	QPN	ZG	0.00	0.00	1.28	0.00
0	-2062	-2069	S	307	QPN	ZG	0.00	1.00	3.14	1.00	0	-1365	-1366	S	600	QPN	ZG	0.00	6.61	1.51	6.61
0	-731	-730	S	105	QPN	ZG	0.00	1.86	0.51	2.12	0	-731	-730	S	117	QPN	ZG	0.00	0.77	1.55	0.00
0	-731	-730	S	105	QPN	ZG	0.99	2.35	1.55	2.63	0	-731	-730	S	105	QPN	ZG	0.81	2.27	0.99	2.35
0	-731	-730	S	105	QPN	ZG	0.51	2.12	0.81	2.27	0	-732	-731	S	105	QPN	ZG	0.00	1.24	0.43	1.46
0	-732	-731	S	117	QPN	ZG	0.00	1.40	1.25	0.77	0	-732	-731	S	105	QPN	ZG	1.20	1.84	1.25	1.86
0	-732	-731	S	105	QPN	ZG	1.08	1.78	1.20	1.84	0	-732	-731	S	105	QPN	ZG	0.43	1.46	1.08	1.78
0	-2132	-2144	S	304	QPN	ZG	0.00	1.35	1.19	1.35	0	-2149	-2157	S	408	QPN	ZG	0.00	1.77	3.81	1.77
0	-2149	-2157	S	409	QPN	ZG	0.00	1.09	3.81	1.09	0	-2149	-2157	S	408	QPN	ZG	3.81	1.77	3.81	1.77
0	-1364	-1365	S	600	QPN	ZG	0.00	6.61	0.12	6.61	0	-2160	-2166	S	408	QPN	ZG	0.00	1.77	0.11	1.77
0	-2160	-2166	S	409	QPN	ZG	0.96	0.79	0.96	0.00	0	-2160	-2166	S	409	QPN	ZG	0.96	1.09	0.96	0.79
0	-2160	-2166	S	409	QPN	ZG	0.00	1.09	0.96	1.09	0	-2160	-2166	S	408	QPN	ZG	0.96	0.79	0.96	0.00
0	-2160	-2166	S	408	QPN	ZG	0.96	1.26	0.96	1.22	0	-2160	-2166	S	408	QPN	ZG	0.96	1.77	0.96	1.26
0	-2160	-2166	S	408	QPN	ZG	0.11	1.77	0.96	1.77	0	-1231	-1230	S	203	QPN	ZG	0.00	7.25	0.82	7.25
0	-2148	-2147	S	409	QPN	ZG	0.00	0.00	0.37	0.00	0	-666	-665	S	104	QPN	ZG	0.00	2.85	0.01	2.85
0	-666	-665	S	119	QPN	ZG	1.40	0.70	1.61	0.81	0	-666	-665	S	119	QPN	ZG	0.00	0.00	1.40	0.70
0	-666	-665	S	104	QPN	ZG	1.06	2.32	1.61	2.05	0	-666	-665	S	104	QPN	ZG	0.01	2.85	1.06	2.32
0	-690	-689	S	111	QPN	ZG	0.00	0.81	3.01	2.31	0	-690	-689	S	118	QPN	ZG	2.94	0.57	3.01	0.54
0	-690	-689	S	118	QPN	ZG	1.43	1.33	2.94	0.57	0	-690	-689	S	118	QPN	ZG	0.83	1.63	1.43	1.33
0	-690	-689	S	118	QPN	ZG	0.00	2.04	0.83	1.63	0	-2058	-2062	S	307	QPN	ZG	0.00	1.00	1.05	1.00
0	-1253	-1259	S	204	QPN	ZG	0.00	4.85	0.18	4.85	0	-1253	-1259	S	205	QPN	ZG	0.00	4.48	0.18	4.48
0	-1232	-1231	S	203	QPN	ZG	0.00	7.25	3.07	7.25	0	-735	-734	S	111	QPN	ZG	0.00	0.66	0.50	0.41
0	-735	-734	S	118	QPN	ZG	0.33	2.35	0.50	2.35	0	-735	-734	S	118	QPN	ZG	0.01	2.19	0.33	2.35
0	-735	-734	S	118	QPN	ZG	0.00	2.19	0.01	2.19	0	-1259	-1261	S	204	QPN	ZG	0.00	4.85	0.29	4.85
0	-1259	-1261	S	205	QPN	ZG	0.00	4.48	0.29	4.48	0	-640	-644	S	104	QPN	ZG	0.00	1.58	1.12	2.15
0	-640	-644	S	119	QPN	ZG	0.91	0.81	1.12	0.70	0	-640	-644	S	119	QPN	ZG	0.00	1.26	0.91	0.81
0	-1249	-1253	S	205	QPN	ZG	0.00	4.48	0.81	4.48	0	-1261	-1263	S	204	QPN	ZG	0.00	4.85	0.61	4.85
0	-1261	-1263	S	205	QPN	ZG	0.00	4.48	0.61	4.48	0	-1263	-1266	S	204	QPN	ZG	0.00	4.85	0.07	4.85
0	-1263	-1266	S	205	QPN	ZG	0.00	4.48	0.07	4.48	0	-1270	-1276	S	204	QPN	ZG	0.00	4.85	0.86	4.85
0	-1270	-1276	S	205	QPN	ZG	0.00	4.48	0.86	4.48	0	-2166	-2167	S	408	QPN	ZG	0.00	0.00	2.54	0.00
0	-2064	-2067	S	307	QPN	ZG	0.00	1.00	1.12	1.00	0	-712	-733	S	105	QPN	ZG	0.00	0.73	1.45	0.00
0	-712	-733	S	118	QPN	ZG	0.00	1.63	1.45	2.35	0	-712	-733	S	117	QPN	ZG	1.20	2.63	1.45	2.63
0	-712	-733	S	117	QPN	ZG	0.00	2.03	1.20	2.63	0	-712	-733	S	111	QPN	ZG	0.13	0.66	1.45	0.00
0	-712	-733	S	111	QPN	ZG	0.00	0.73	0.13	0.66	0	-126									

0	-691	-694	S	111	QPN	ZG	0.00	0.00	0.32	0.16
0	-737	-736	S	111	QPN	ZG	0.00	2.35	0.76	2.35
0	-737	-736	S	111	QPN	ZG	2.79	1.46	3.09	1.30
0	-737	-736	S	111	QPN	ZG	2.02	1.84	2.14	1.78
0	-737	-736	S	111	QPN	ZG	0.99	2.35	1.17	2.27
0	-2099	-2100	S	305	QPN	ZG	0.00	0.97	1.10	0.97
0	-2150	-2149	S	408	QPN	ZG	0.00	0.00	1.55	0.00
0	-691	-690	S	111	QPN	ZG	0.00	0.00	1.60	0.80
0	-691	-690	S	118	QPN	ZG	0.17	2.35	0.99	2.35
0	-691	-690	S	111	QPN	ZG	1.60	0.80	1.61	0.80
0	-1279	-1300	S	205	QPN	ZG	0.00	4.48	1.45	4.48
0	-2151	-2150	S	408	QPN	ZG	0.00	0.00	1.25	0.00
0	-694	-702	S	111	QPN	ZG	0.00	0.16	1.28	0.80
0	-694	-702	S	118	QPN	ZG	0.00	2.20	0.01	2.19
0	-702	-737	S	118	QPN	ZG	0.02	1.54	3.10	0.00
0	-702	-737	S	111	QPN	ZG	3.01	2.31	3.10	2.36
0	-2168	-2169	S	408	QPN	ZG	0.00	0.00	0.12	0.00
0	-2107	-2106	S	306	QPN	ZG	0.00	0.82	0.54	0.82
0	-1233	-1232	S	203	QPN	ZG	0.00	7.25	1.61	7.25
0	-2178	-2184	S	407	QPN	ZG	0.00	0.22	0.80	0.00
0	-2184	-2170	S	415	QPN	ZG	0.00	0.00	0.93	0.26
0	-2170	-2161	S	415	QPN	ZG	0.00	0.26	0.85	0.50
0	-2161	-2159	S	414	QPN	ZG	0.00	0.50	0.19	0.55
0	-2109	-2108	S	306	QPN	ZG	0.00	0.82	3.01	0.82
0	-2158	-2152	S	414	QPN	ZG	0.00	0.82	3.81	1.91
0	-2158	-2152	S	408	QPN	ZG	3.81	1.25	3.81	0.83
0	-2067	-2083	S	307	QPN	ZG	0.00	1.00	1.40	1.00
0	-2152	-2151	S	305	QPN	ZG	0.00	0.97	2.48	0.97
0	-2083	-2179	S	411	QPN	ZG	0.00	1.91	5.35	0.00
0	-2083	-2179	S	412	QPN	ZG	0.00	0.82	4.47	0.82
0	-2083	-2179	S	412	QPN	ZG	0.00	0.25	0.00	0.49
0	-2083	-2089	S	412	QPN	ZG	0.00	0.00	0.76	0.00
0	-2110	-2163	S	413	QPN	ZG	0.00	1.58	4.47	0.00
0	-2110	-2109	S	306	QPN	ZG	0.00	0.82	1.61	0.82
0	-2092	-2110	S	412	QPN	ZG	0.00	0.00	1.01	0.00
0	-1260	-1269	S	204	QPN	ZG	0.00	4.85	1.28	4.85
0	-2155	-2154	S	414	QPN	ZG	0.00	0.00	1.29	0.00
0	-2156	-2155	S	306	QPN	ZG	0.00	0.82	3.09	0.82
402	-2182	-2183	S	404	QPN	ZG	0.00	0.00	3.57	0.00
403	-2162	-2161	S	415	QPN	ZG	0.00	0.00	1.08	0.00
406	-2181	-2174	S	404	QPN	ZG	0.80	1.94	0.91	1.94
409	-2157	-2160	S	408	QPN	ZG	0.00	1.77	0.94	1.77
409	-2157	-2160	S	408	QPN	ZG	0.94	1.77	1.02	1.77
410	-2159	-2158	S	414	QPN	ZG	0.00	0.55	0.94	0.82
412	-2055	-2179	S	407	QPN	ZG	0.00	1.46	7.81	0.17
412	-2179	-2184	S	407	QPN	ZG	0.00	0.17	1.04	0.00
415	-2163	-2184	S	412	QPN	ZG	0.00	0.56	1.28	0.35
415	-2163	-2184	S	415	QPN	ZG	0.00	0.11	0.00	0.38
415	-2156	-2163	S	413	QPN	ZG	0.00	1.09	6.49	0.00
415	-2156	-2163	S	414	QPN	ZG	0.00	1.45	6.25	0.42
422	-2175	-2181	S	402	QPN	ZG	0.00	1.72	0.85	1.72

0	-691	-694	S	118	QPN	ZG	0.00	2.35	0.32	2.19
0	-737	-736	S	118	QPN	ZG	0.00	0.00	3.09	1.54
0	-737	-736	S	111	QPN	ZG	2.14	1.78	2.79	1.46
0	-737	-736	S	111	QPN	ZG	1.17	2.27	2.02	1.84
0	-737	-736	S	111	QPN	ZG	0.76	2.35	0.99	2.35
0	-2100	-2101	S	305	QPN	ZG	0.00	0.97	0.12	0.97
0	-2150	-2149	S	305	QPN	ZG	0.00	0.97	1.55	0.97
0	-691	-690	S	118	QPN	ZG	0.99	2.35	1.61	2.04
0	-691	-690	S	118	QPN	ZG	0.00	2.35	0.17	2.35
0	-1279	-1300	S	204	QPN	ZG	0.00	4.85	1.45	4.85
0	-2108	-2107	S	306	QPN	ZG	0.00	0.82	0.54	0.82
0	-2151	-2150	S	305	QPN	ZG	0.00	0.97	1.25	0.97
0	-694	-702	S	118	QPN	ZG	0.01	2.19	1.28	1.55
0	-702	-737	S	111	QPN	ZG	0.00	0.80	0.00	0.80
0	-702	-737	S	118	QPN	ZG	0.00	1.55	0.02	1.55
0	-702	-737	S	111	QPN	ZG	0.00	0.81	3.01	2.31
0	-2055	-2064	S	307	QPN	ZG	0.00	1.00	3.17	1.00
0	-2169	-2170	S	408	QPN	ZG	0.00	0.00	1.51	0.00
0	-2178	-2184	S	406	QPN	ZG	0.00	2.86	0.80	2.86
0	-2184	-2170	S	410	QPN	ZG	0.00	2.86	0.93	2.86
0	-2170	-2161	S	408	QPN	ZG	0.00	1.77	0.85	1.77
0	-2161	-2159	S	408	QPN	ZG	0.00	1.77	0.11	1.77
0	-2161	-2159	S	408	QPN	ZG	0.11	1.77	0.19	1.77
0	-2158	-2152	S	408	QPN	ZG	0.00	1.77	3.81	1.77
0	-2158	-2152	S	408	QPN	ZG	3.81	0.83	3.81	0.00
0	-2158	-2152	S	408	QPN	ZG	3.81	1.77	3.81	1.25
0	-2152	-2151	S	408	QPN	ZG	0.00	0.00	2.48	0.00
0	-1257	-1260	S	204	QPN	ZG	0.00	4.85	0.32	4.85
0	-2083	-2179	S	412	QPN	ZG	4.47	0.82	5.35	0.51
0	-2083	-2179	S	412	QPN	ZG	0.00	0.49	0.00	0.82
0	-2083	-2179	S	412	QPN	ZG	0.00	0.00	0.00	0.25
0	-2110	-2163	S	412	QPN	ZG	0.00	0.82	4.47	0.82
0	-2089	-2092	S	412	QPN	ZG	0.00	0.00	0.69	0.00
0	-2153	-2152	S	306	QPN	ZG	0.00	0.82	0.82	0.82
0	-2154	-2153	S	306	QPN	ZG	0.00	0.82	0.50	0.82
0	-1269	-1304	S	204	QPN	ZG	0.00	4.85	3.10	4.85
0	-2155	-2154	S	306	QPN	ZG	0.00	0.82	1.29	0.82
402	-2180	-2181	S	402	QPN	ZG	0.00	0.00	5.13	0.00
402	-2182	-2183	S	405	QPN	ZG	0.00	0.00	3.57	0.00
406	-2181	-2174	S	400	QPN	ZG	0.00	1.72	0.91	1.72
406	-2181	-2174	S	404	QPN	ZG	0.00	1.94	0.80	1.94
409	-2157	-2160	S	409	QPN	ZG	0.00	1.09	1.02	1.09
410	-2159	-2158	S	408	QPN	ZG	0.00	1.77	0.94	1.77
410	-2159	-2158	S	408	QPN	ZG	0.94	1.76	0.94	1.76
412	-2055	-2179	S	411	QPN	ZG	0.00	1.31	7.81	0.00
412	-2179	-2184	S	412	QPN	ZG	0.00	0.35	1.04	0.00
415	-2163	-2184	S	415	QPN	ZG	0.00	0.38	2.32	0.00
415	-2163	-2184	S	412	QPN	ZG	1.28	0.35	2.32	0.00
415	-2156	-2163	S	414	QPN	ZG	6.25	0.42	6.49	0.38
415	-2156	-2163	S	414	QPN	ZG	0.00	0.79	0.00	1.12
422	-2175	-2181	S	403	QPN	ZG	0.00	1.49	0.85	1.49

Elenco carichi aste

Condizione di carico n. 4: Acc. Cat. B

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	100	QA	ZG	0.00	2.79	0.15	2.90
0	-635	-611	S	100	QA	ZG	1.41	3.85	1.86	3.85
0	-611	-612	S	100	QA	ZG	0.00	3.85	3.24	1.42
0	-641	-635	S	100	QA	ZG	0.00	1.40	1.86	2.79
0	-641	-635	S	114	QA	ZG	0.00	2.79	0.48	2.43
0	-612	-613	S	114	QA	ZG	0.48	2.79	1.28	3.39
0	-647	-641	S	100	QA	ZG	0.00	0.00	1.86	1.40
0	-647	-641	S	114	QA	ZG	0.46	3.85	1.06	3.39
0	-1209	-1185	S	200	QA	ZG	0.00	7.69	1.86	7.69
0	-613	-614	S	100	QA	ZG	0.00	0.46	0.61	0.00
0	-631	-614	S	100	QA	ZG	0.00	0.75	1.00	0.00
0	-631	-614	S	114	QA	ZG	0.55	3.85	1.00	3.85
0	-631	-614	S	102	QA	ZG	0.15	3.63	1.00	4.27
0	-634	-631	S	100	QA	ZG	0.00	0.90	0.20	0.75
0	-634	-631	S	114	QA	ZG	0.00	3.29	0.20	3.44
0	-645	-636	S	100	QA	ZG	0.00	3.43	2.49	1.56
0	-645	-636	S	115	QA	ZG	0.84	2.80	2.12	1.84
0	-645	-636	S	115	QA	ZG	0.00	3.43	0.25	3.24
0	-645	-636	S	114	QA	ZG	0.00	0.76	0.25	0.94
0	-645	-636	S	102	QA	ZG	1.20	1.73	2.17	2.46
0	-645	-636	S	102	QA	ZG	0.00	0.81	0.49	1.20

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	114	QA	ZG	0.00	1.40	1.86	0.00
0	-635	-611	S	100	QA	ZG	0.15	2.90	1.41	3.85
0	-611	-612	S	114	QA	ZG	0.00	0.00	3.24	2.43
0	-641	-635	S	114	QA	ZG	0.48	2.43	1.86	1.40
0	-612	-613	S	100	QA	ZG	0.00	1.42	1.28	0.46
0	-612	-613	S	114	QA	ZG	0.00	2.43	0.48	2.79
0	-647	-641	S	114	QA	ZG	1.06	3.39	1.86	2.79
0	-647	-641	S	114	QA	ZG	0.00	3.85	0.46	3.85
0	-1214	-1209	S	200	QA	ZG	0.00	7.69	1.86	7.69
0	-613	-614	S	114	QA	ZG	0.00	3.39	0.61	3.85
0	-631	-614	S	115	QA	ZG	0.00	0.75	1.00	0.00
0	-631	-614	S	114	QA	ZG	0.00	3.44	0.55	3.85
0	-631	-614	S	102	QA	ZG	0.00	3.52	0.15	3.63
0	-634	-631	S	115	QA	ZG	0.00	0.90	0.20	0.75
0	-634	-631	S	102	QA	ZG	0.00	3.36	0.20	3.52
0	-645	-636	S	115	QA	ZG	2.12	1.84	2.49	1.56
0	-645	-636	S	115	QA	ZG	0.25	3.24	0.84	2.80
0	-645	-636	S	114	QA	ZG	0.25	0.94	2.49	2.63
0	-645	-636	S	102	QA	ZG	2.17	2.46	2.49	2.70
0	-645	-636	S	102	QA	ZG	0.49	1.20	1.20	1.73
0	-669	-647	S	101	QA	ZG	0.00	3.85	0.86	3.85

0	-669	-647	S	113	QA	ZG	0.00	0.65	0.86	0.00	0	-647	-648	S	100	QA	ZG	0.00	0.00	1.05	0.79
0	-647	-648	S	114	QA	ZG	0.75	3.29	1.05	3.06	0	-647	-648	S	114	QA	ZG	0.55	3.44	0.75	3.28
0	-647	-648	S	114	QA	ZG	0.00	3.85	0.55	3.44	0	-647	-648	S	113	QA	ZG	0.86	0.65	1.05	0.79
0	-647	-648	S	113	QA	ZG	0.00	0.00	0.86	0.65	0	-647	-648	S	101	QA	ZG	0.51	3.46	1.05	3.06
0	-647	-648	S	101	QA	ZG	0.00	3.85	0.51	3.46	0	-614	-615	S	102	QA	ZG	0.00	4.27	0.10	4.27
0	-614	-615	S	115	QA	ZG	2.08	1.56	2.46	1.84	0	-614	-615	S	115	QA	ZG	1.21	0.90	2.08	1.56
0	-614	-615	S	115	QA	ZG	1.00	0.75	1.21	0.90	0	-614	-615	S	115	QA	ZG	0.00	0.00	1.00	0.75
0	-614	-615	S	102	QA	ZG	1.64	3.11	2.46	2.50	0	-614	-615	S	102	QA	ZG	0.10	4.27	1.64	3.11
0	-670	-669	S	101	QA	ZG	0.00	3.85	0.25	3.85	0	-670	-669	S	113	QA	ZG	0.07	0.79	0.25	0.65
0	-670	-669	S	113	QA	ZG	0.00	0.84	0.07	0.79	0	-684	-670	S	101	QA	ZG	0.00	3.69	0.21	3.85
0	-684	-670	S	113	QA	ZG	0.00	1.77	1.24	0.84	0	-684	-670	S	101	QA	ZG	0.21	3.85	1.24	3.85
0	-615	-616	S	102	QA	ZG	0.00	2.50	1.18	1.61	0	-615	-616	S	115	QA	ZG	0.00	1.84	1.27	2.80
0	-615	-616	S	102	QA	ZG	1.18	1.61	1.27	1.54	0	-1205	-1188	S	200	QA	ZG	0.00	7.69	1.00	7.69
0	-1205	-1188	S	201	QA	ZG	0.00	8.69	1.00	8.69	0	-648	-649	S	100	QA	ZG	0.00	0.79	0.81	1.40
0	-648	-649	S	114	QA	ZG	0.58	2.63	2.82	0.94	0	-648	-649	S	114	QA	ZG	0.00	3.06	0.58	2.63
0	-648	-649	S	113	QA	ZG	1.31	1.77	2.82	2.90	0	-648	-649	S	113	QA	ZG	0.07	0.84	1.31	1.77
0	-648	-649	S	113	QA	ZG	0.00	0.79	0.07	0.84	0	-648	-649	S	101	QA	ZG	2.40	1.26	2.82	0.94
0	-648	-649	S	101	QA	ZG	0.00	3.06	2.40	1.26	0	-648	-649	S	100	QA	ZG	2.67	2.79	2.82	2.90
0	-648	-649	S	100	QA	ZG	0.81	1.40	2.67	2.79	0	-649	-650	S	100	QA	ZG	0.00	2.90	0.88	3.56
0	-649	-650	S	114	QA	ZG	0.25	0.76	0.88	0.28	0	-649	-650	S	114	QA	ZG	0.00	0.94	0.25	0.76
0	-649	-650	S	113	QA	ZG	0.13	3.00	0.88	3.56	0	-649	-650	S	113	QA	ZG	0.00	2.90	0.13	3.00
0	-649	-650	S	101	QA	ZG	0.61	0.49	0.88	0.28	0	-649	-650	S	101	QA	ZG	0.00	0.94	0.61	0.49
0	-1219	-1214	S	200	QA	ZG	0.00	7.69	1.86	7.69	0	-651	-645	S	100	QA	ZG	0.00	3.85	0.46	3.85
0	-651	-645	S	115	QA	ZG	0.00	4.19	1.01	3.43	0	-651	-645	S	114	QA	ZG	0.38	0.28	1.01	0.76
0	-651	-645	S	114	QA	ZG	0.00	0.00	0.38	0.28	0	-651	-645	S	102	QA	ZG	0.00	0.00	1.01	0.81
0	-651	-645	S	100	QA	ZG	0.46	3.85	1.01	3.43	0	-1208	-1205	S	200	QA	ZG	0.00	7.69	0.20	7.69
0	-1208	-1205	S	201	QA	ZG	0.00	8.69	0.20	8.69	0	-701	-684	S	101	QA	ZG	0.00	2.46	1.14	3.31
0	-701	-684	S	113	QA	ZG	0.13	2.90	1.64	1.77	0	-701	-684	S	113	QA	ZG	0.00	3.00	0.13	2.90
0	-701	-684	S	101	QA	ZG	1.14	3.31	1.64	3.69	0	-1237	-1235	S	202	QA	ZG	0.00	7.69	0.25	7.69
0	-636	-634	S	100	QA	ZG	0.00	1.56	0.20	1.42	0	-636	-634	S	115	QA	ZG	0.00	1.56	0.88	0.90
0	-636	-634	S	114	QA	ZG	0.58	3.06	0.88	3.29	0	-636	-634	S	114	QA	ZG	0.00	2.63	0.58	3.06
0	-636	-634	S	102	QA	ZG	0.28	2.91	0.88	3.36	0	-636	-634	S	102	QA	ZG	0.00	2.70	0.28	2.91
0	-636	-634	S	100	QA	ZG	0.20	1.42	0.88	0.90	0	-1250	-1237	S	202	QA	ZG	0.00	7.69	1.24	7.69
0	-616	-617	S	102	QA	ZG	0.00	1.54	0.59	1.10	0	-616	-617	S	115	QA	ZG	0.00	2.80	0.59	3.24
0	-1210	-1208	S	200	QA	ZG	0.00	7.69	0.88	7.69	0	-1210	-1208	S	201	QA	ZG	0.00	8.69	0.88	8.69
0	-617	-618	S	102	QA	ZG	0.00	1.10	0.42	0.79	0	-617	-618	S	115	QA	ZG	1.26	4.19	1.47	4.20
0	-617	-618	S	115	QA	ZG	0.25	3.43	1.26	4.19	0	-617	-618	S	115	QA	ZG	0.00	3.24	0.25	3.43
0	-617	-618	S	102	QA	ZG	0.42	0.79	1.47	0.00	0	-710	-701	S	101	QA	ZG	0.00	1.23	1.54	2.38
0	-710	-701	S	113	QA	ZG	0.89	3.56	1.64	3.00	0	-710	-701	S	113	QA	ZG	0.51	3.85	0.89	3.56
0	-710	-701	S	113	QA	ZG	0.00	3.85	0.51	3.85	0	-710	-701	S	101	QA	ZG	1.54	2.38	1.64	2.46
0	-668	-651	S	101	QA	ZG	0.00	0.49	0.27	0.28	0	-668	-651	S	113	QA	ZG	0.14	3.85	0.65	3.85
0	-668	-651	S	113	QA	ZG	0.00	3.85	0.14	3.85	0	-668	-651	S	109	QA	ZG	0.55	1.20	0.65	0.00
0	-668	-651	S	109	QA	ZG	0.00	1.71	0.55	1.73	0	-668	-651	S	101	QA	ZG	0.27	0.28	0.65	0.00
0	-652	-651	S	102	QA	ZG	0.00	1.12	0.52	0.76	0	-652	-651	S	122	QA	ZG	0.00	1.18	1.60	1.26
0	-652	-651	S	115	QA	ZG	1.41	4.46	1.60	4.45	0	-652	-651	S	115	QA	ZG	0.00	3.34	1.41	4.46
0	-652	-651	S	109	QA	ZG	0.00	0.08	1.60	0.00	0	-652	-651	S	102	QA	ZG	0.52	0.76	1.60	0.00
0	-673	-668	S	101	QA	ZG	0.00	1.26	0.42	0.94	0	-673	-668	S	113	QA	ZG	0.00	3.85	1.03	3.85
0	-673	-668	S	109	QA	ZG	0.00	1.67	1.03	1.71	0	-673	-668	S	101	QA	ZG	0.42	0.94	1.03	0.49
0	-673	-674	S	122	QA	ZG	0.00	1.26	1.60	1.18	0	-673	-674	S	122	QA	ZG	1.60	1.18	2.22	1.18
0	-1217	-1210	S	200	QA	ZG	0.00	7.69	2.49	7.69	0	-1217	-1210	S	201	QA	ZG	0.00	8.69	2.49	8.69
0	-618	-632	S	102	QA	ZG	0.00	0.00	1.05	0.79	0	-618	-632	S	115	QA	ZG	0.00	4.20	1.05	3.46
0	-618	-632	S	107	QA	ZG	0.00	4.89	1.05	4.89	0	-632	-638	S	102	QA	ZG	0.00	0.79	1.01	1.54
0	-632	-638	S	115	QA	ZG	0.45	3.14	1.10	2.65	0	-632	-638	S	115	QA	ZG	0.00	3.46	0.45	3.14
0	-632	-638	S	107	QA	ZG	0.00	4.89	1.10	4.89	0	-632	-638	S	102	QA	ZG	1.01	1.54	1.10	1.61
0	-675	-676	S	123	QA	ZG	0.00	1.18	0.92	1.18	0	-1235	-1219	S	202	QA	ZG	0.00	7.69	0.86	7.69
0	-1268	-1250	S	202	QA	ZG	0.00	7.69	1.64	7.69	0	-650	-651	S	100	QA	ZG	0.00	3.56	0.38	3.85
0	-650	-651	S	114	QA	ZG	0.00	0.28	0.38	0.00	0	-650	-651	S	113	QA	ZG	0.00	3.56	0.38	3.85
0	-650	-651	S	101	QA	ZG	0.00	0.28	0.38	0.00	0	-704	-673	S	101	QA	ZG	0.00	3.46	0.54	3.06
0	-704	-673	S	112	QA	ZG	0.00	3.33	2.94	3.33	0	-704	-673	S	113	QA	ZG	2.47	3.85	2.94	3.85
0	-704	-673	S	113	QA	ZG	0.00	1.99	2.47	3.85	0	-704	-673	S	101	QA	ZG	0.54	3.06	2.94	1.26
0	-653	-674	S	109	QA	ZG	0.00	1.73	1.58	1.66	0	-653	-674	S	123	QA	ZG	0.00	0.07	1.58	0.00
0	-653	-674	S	122	QA	ZG	0.00	0.00	1.58	0.07	0	-653	-674	S	120	QA	ZG	0.00	1.18	1.58	1.24
0	-1222	-1217	S	200	QA	ZG	0.00	7.69	1.01	7.69	0	-1222	-1217	S	201	QA	ZG	0.00	8.69	1.01	8.69
0	-639	-623	S	103	QA	ZG	0.00	2.50	1.51	3.64	0	-639	-623	S	116	QA	ZG	0.80	1.16	2.35	0.00
0	-639	-623	S	116	QA	ZG	0.18	1.63	0.80	1.16	0	-639	-623	S	116	QA	ZG	0.00	1.76	0.18	1.63
0	-639	-623	S	107	QA	ZG	0.00	4.89	2.35	4.89	0	-639	-623	S	103	QA	ZG	1.93	3.95	2.35	3.95
0	-639	-623	S	103	QA	ZG	1.51	3.64	1.93	3.95	0	-642	-657	S	102	QA	ZG	0.00	3.11	1.54	4.27
0	-642	-657	S	115	QA	ZG	0.59	0.72	1.54	0.00	0	-642	-657	S	115	QA	ZG	0.00	1.16	0.59	0.72
0	-642	-657	S	107	QA	ZG	0.00	4.89	1.54	4.89	0	-714	-710	S	101	QA	ZG	0.00	0.00	1.64	1.23
0	-714	-710	S	113	QA	ZG	0.00	3.85	1.64	3.85	0	-1277	-1268	S	202	QA	ZG	0.00	7.69	1.64	7.69
0	-1234	-1222	S	202	QA	ZG	0.00	7.69	0.65	7.69	0	-1234	-1222	S	211	QA	ZG	0.55	1.20	0.65	0.00
0	-1234	-1222	S	211	QA	ZG	0.00	1.71	0.55	1.73	0	-1192	-1206	S	201	QA	ZG	0.00			

0	-1206	-1212	S	201	QA	ZG	0.00	8.69	1.10	8.69	0	-624	-625	S	103	QA	ZG	0.00	2.79	0.63	2.32
0	-624	-625	S	116	QA	ZG	0.00	1.16	0.63	1.63	0	-643	-639	S	103	QA	ZG	0.00	1.16	0.46	1.50
0	-643	-639	S	116	QA	ZG	0.00	3.11	1.80	1.76	0	-643	-639	S	107	QA	ZG	0.00	4.89	1.80	4.89
0	-643	-639	S	103	QA	ZG	0.46	1.50	1.80	2.50	0	-1313	-1314	S	600	QA	ZG	0.00	11.01	0.28	11.01
0	-1314	-1315	S	600	QA	ZG	0.00	11.01	1.33	11.01	0	-654	-653	S	102	QA	ZG	0.00	2.46	0.97	1.73
0	-654	-653	S	123	QA	ZG	0.00	1.18	0.97	1.18	0	-654	-653	S	115	QA	ZG	0.00	1.88	0.97	2.61
0	-676	-677	S	123	QA	ZG	0.00	1.18	0.45	1.18	0	-1315	-1316	S	600	QA	ZG	0.00	11.01	0.28	11.01
0	-1316	-1317	S	600	QA	ZG	0.00	11.01	0.68	11.01	0	-655	-654	S	102	QA	ZG	0.00	2.91	0.28	2.70
0	-655	-654	S	123	QA	ZG	0.00	1.18	0.60	1.18	0	-655	-654	S	115	QA	ZG	0.00	1.43	0.60	1.88
0	-655	-654	S	102	QA	ZG	0.28	2.70	0.60	2.46	0	-674	-685	S	112	QA	ZG	0.00	3.33	0.89	3.33
0	-656	-655	S	102	QA	ZG	0.00	3.63	0.15	3.52	0	-656	-655	S	124	QA	ZG	0.00	1.21	0.95	1.18
0	-656	-655	S	115	QA	ZG	0.58	1.16	0.95	1.43	0	-656	-655	S	115	QA	ZG	0.00	0.72	0.58	1.16
0	-656	-655	S	102	QA	ZG	0.35	3.36	0.95	2.91	0	-656	-655	S	102	QA	ZG	0.15	3.52	0.35	3.36
0	-655	-677	S	120	QA	ZG	0.00	1.18	1.57	1.25	0	-655	-677	S	121	QA	ZG	0.00	1.43	1.57	1.43
0	-1223	-1222	S	201	QA	ZG	0.00	0.41	1.60	0.57	0	-1223	-1222	S	211	QA	ZG	0.00	0.08	1.60	0.00
0	-1223	-1222	S	208	QA	ZG	0.00	1.18	1.60	1.26	0	-685	-697	S	112	QA	ZG	0.00	3.33	1.08	3.33
0	-1224	-1223	S	208	QA	ZG	0.00	0.00	0.09	1.18	0	-1224	-1223	S	208	QA	ZG	0.09	1.18	0.71	1.18
0	-1319	-1320	S	600	QA	ZG	0.00	11.01	1.28	11.01	0	-705	-707	S	112	QA	ZG	0.00	3.33	0.45	3.33
0	-1271	-1240	S	202	QA	ZG	0.00	7.69	2.94	7.69	0	-1271	-1240	S	207	QA	ZG	0.00	3.33	2.94	3.33
0	-1224	-1241	S	208	QA	ZG	0.00	0.00	1.58	0.07	0	-1224	-1241	S	212	QA	ZG	0.00	1.18	1.58	1.24
0	-1224	-1241	S	211	QA	ZG	0.00	1.73	1.58	1.66	0	-1224	-1241	S	209	QA	ZG	0.00	0.07	1.58	0.00
0	-715	-714	S	101	QA	ZG	0.00	2.38	1.54	1.23	0	-715	-714	S	113	QA	ZG	0.71	1.99	3.18	3.85
0	-715	-714	S	113	QA	ZG	0.00	1.46	0.71	1.99	0	-715	-714	S	101	QA	ZG	1.54	1.23	3.18	0.00
0	-1312	-1313	S	600	QA	ZG	0.00	11.01	0.71	11.01	0	-1212	-1215	S	201	QA	ZG	0.00	8.69	2.00	8.69
0	-686	-679	S	105	QA	ZG	0.00	0.61	0.81	0.00	0	-686	-679	S	117	QA	ZG	0.56	3.95	0.81	3.95
0	-686	-679	S	117	QA	ZG	0.00	3.53	0.56	3.95	0	-686	-679	S	108	QA	ZG	0.00	4.89	0.81	4.89
0	-1281	-1277	S	202	QA	ZG	0.00	7.69	1.64	7.69	0	-1226	-1225	S	209	QA	ZG	0.00	1.18	0.60	1.18
0	-674	-675	S	123	QA	ZG	0.00	0.00	0.09	1.18	0	-674	-675	S	123	QA	ZG	0.09	1.18	0.29	1.18
0	-697	-705	S	112	QA	ZG	0.00	3.33	0.97	3.33	0	-657	-656	S	102	QA	ZG	0.00	4.27	0.10	4.27
0	-657	-656	S	124	QA	ZG	0.00	1.24	0.95	1.21	0	-657	-656	S	115	QA	ZG	0.00	0.00	0.95	0.72
0	-657	-656	S	102	QA	ZG	0.10	4.27	0.95	3.63	0	-1225	-1224	S	209	QA	ZG	0.00	1.18	0.97	1.18
0	-1227	-1226	S	210	QA	ZG	0.00	1.21	0.95	1.18	0	-625	-626	S	103	QA	ZG	0.00	2.32	1.00	1.57
0	-625	-626	S	116	QA	ZG	0.18	1.76	1.28	2.59	0	-625	-626	S	116	QA	ZG	0.00	1.63	0.18	1.76
0	-625	-626	S	103	QA	ZG	1.00	1.57	1.28	1.36	0	-1317	-1318	S	600	QA	ZG	0.00	11.01	1.55	11.01
0	-1318	-1319	S	600	QA	ZG	0.00	11.01	0.63	11.01	0	-717	-704	S	101	QA	ZG	0.00	3.85	1.03	3.85
0	-717	-704	S	112	QA	ZG	0.00	3.33	2.65	3.33	0	-717	-704	S	113	QA	ZG	1.95	1.46	2.65	1.99
0	-717	-704	S	113	QA	ZG	0.71	0.53	1.95	1.46	0	-717	-704	S	113	QA	ZG	0.00	0.00	0.71	0.53
0	-717	-704	S	101	QA	ZG	2.15	3.85	2.65	3.47	0	-717	-704	S	101	QA	ZG	1.28	3.85	2.15	3.85
0	-717	-704	S	101	QA	ZG	1.03	3.85	1.28	3.85	0	-677	-678	S	121	QA	ZG	0.00	0.06	1.91	0.00
0	-677	-678	S	124	QA	ZG	0.00	1.18	1.91	1.24	0	-657	-678	S	121	QA	ZG	0.00	1.43	1.57	1.43
0	-657	-678	S	121	QA	ZG	1.57	1.43	1.65	0.00	0	-707	-711	S	112	QA	ZG	0.00	3.33	0.61	3.33
0	-716	-715	S	101	QA	ZG	0.00	3.31	1.14	2.46	0	-716	-715	S	113	QA	ZG	0.00	0.53	1.24	1.46
0	-716	-715	S	101	QA	ZG	1.14	2.46	1.24	2.39	0	-717	-716	S	101	QA	ZG	0.00	3.85	0.21	3.69
0	-717	-716	S	113	QA	ZG	0.00	0.00	0.71	0.53	0	-717	-716	S	101	QA	ZG	0.21	3.69	0.71	3.31
0	-657	-658	S	110	QA	ZG	0.00	2.48	3.26	2.48	0	-711	-722	S	112	QA	ZG	0.00	3.33	1.59	3.33
0	-1240	-1234	S	202	QA	ZG	0.00	7.69	1.03	7.69	0	-1240	-1234	S	211	QA	ZG	0.00	1.67	1.03	1.71
0	-678	-706	S	108	QA	ZG	0.00	4.89	3.31	4.89	0	-1241	-1242	S	209	QA	ZG	0.00	0.00	0.09	1.18
0	-1241	-1242	S	209	QA	ZG	0.09	1.18	1.66	1.18	0	-1251	-1264	S	207	QA	ZG	0.00	3.33	1.08	3.33
0	-678	-679	S	110	QA	ZG	0.00	2.48	3.26	2.48	0	-1228	-1227	S	210	QA	ZG	0.00	1.24	0.95	1.21
0	-626	-627	S	103	QA	ZG	0.00	1.36	0.77	0.79	0	-626	-627	S	116	QA	ZG	0.70	3.11	1.82	3.95
0	-626	-627	S	116	QA	ZG	0.00	2.59	0.70	3.11	0	-626	-627	S	103	QA	ZG	0.77	0.79	1.82	0.00
0	-658	-643	S	103	QA	ZG	0.00	0.00	0.88	0.66	0	-658	-643	S	116	QA	ZG	0.42	3.95	1.54	3.11
0	-658	-643	S	116	QA	ZG	0.00	3.95	0.42	3.95	0	-658	-643	S	107	QA	ZG	0.00	4.89	1.54	4.89
0	-658	-643	S	103	QA	ZG	0.88	0.66	1.54	1.16	0	-1240	-1241	S	208	QA	ZG	0.00	1.26	1.60	1.18
0	-1240	-1241	S	208	QA	ZG	1.60	1.18	2.22	1.18	0	-706	-713	S	108	QA	ZG	0.00	4.89	1.02	4.89
0	-1241	-1251	S	207	QA	ZG	0.00	3.33	0.89	3.33	0	-659	-658	S	103	QA	ZG	0.00	0.66	0.88	0.00
0	-659	-658	S	116	QA	ZG	0.25	3.48	0.88	3.95	0	-659	-658	S	116	QA	ZG	0.00	3.29	0.25	3.48
0	-659	-658	S	106	QA	ZG	0.00	2.48	0.88	2.48	0	-713	-725	S	108	QA	ZG	0.00	4.89	1.19	4.89
0	-628	-629	S	104	QA	ZG	0.00	3.33	0.15	3.22	0	-628	-629	S	119	QA	ZG	0.84	1.57	1.30	1.92
0	-628	-629	S	119	QA	ZG	0.00	0.94	0.84	1.57	0	-628	-629	S	104	QA	ZG	1.27	2.38	1.30	2.35
0	-628	-629	S	104	QA	ZG	0.15	3.22	1.27	2.38	0	-1226	-1242	S	212	QA	ZG	0.00	1.18	1.57	1.25
0	-1226	-1242	S	213	QA	ZG	0.00	1.43	1.57	1.43	0	-1264	-1272	S	207	QA	ZG	0.00	3.33	0.97	3.33
0	-1272	-1274	S	207	QA	ZG	0.00	3.33	0.45	3.33	0	-692	-686	S	105	QA	ZG	0.00	0.74	0.18	0.61
0	-692	-686	S	117	QA	ZG	0.00	3.40	0.18	3.53	0	-692	-686	S	108	QA	ZG	0.00	4.89	0.18	4.89
0	-698	-692	S	105	QA	ZG	0.00	1.47	0.97	0.74	0	-698	-692	S	117	QA	ZG	0.00	2.67	0.97	3.40
0	-698	-692	S	108	QA	ZG	0.00	4.89	0.97	4.89	0	-1215	-1228	S	201	QA	ZG	0.00	8.69	1.44	8.69
0	-1215	-1228	S	201	QA	ZG	1.44	8.69	1.54	6.28	0	-1228	-1243	S	213	QA	ZG	0.00	1.43	1.57	1.43
0	-1228	-1243	S	213	QA	ZG	1.57	1.43	1.65	0.00	0	-1243	-1273	S	206	QA	ZG	0.00	4.89	3.31	4.89
0	-680	-681	S	105	QA	ZG	0.00	1.91	1.10	2.73	0	-680	-681	S	117	QA	ZG	0.89	1.38	1.10	1.22
0	-680	-681	S	117	QA	ZG	0.77	1.47	0.89	1.38	0	-680	-681	S	117	QA	ZG	0.12	1.96	0.77	1.47
0	-680	-681	S	117	QA	ZG	0.00	2.05	0.12	1.96	0	-680	-681	S	106	QA	ZG	0.00	2.48	1.10	2.48
0	-659	-660	S	103	QA	ZG	0.00	0.66	0.66												

0	-633	-637	S	119	QA	ZG	0.21	0.95	1.05	1.57	0	-633	-637	S	119	QA	ZG	0.00	0.79	0.21	0.95
0	-633	-637	S	116	QA	ZG	0.25	3.29	1.05	2.69	0	-633	-637	S	116	QA	ZG	0.00	3.48	0.25	3.29
0	-633	-637	S	104	QA	ZG	0.55	3.07	1.05	2.69	0	-633	-637	S	104	QA	ZG	0.00	3.48	0.55	3.07
0	-633	-637	S	103	QA	ZG	0.77	1.36	1.05	1.57	0	-1201	-1202	S	203	QA	ZG	0.00	8.54	1.26	8.54
0	-1320	-1321	S	600	QA	ZG	0.00	11.01	1.82	11.01	0	-1278	-1289	S	207	QA	ZG	0.00	3.33	1.59	3.33
0	-661	-660	S	103	QA	ZG	0.00	3.64	1.51	2.50	0	-661	-660	S	116	QA	ZG	0.03	0.34	2.85	2.45
0	-661	-660	S	116	QA	ZG	0.00	0.31	0.03	0.34	0	-661	-660	S	106	QA	ZG	0.00	2.48	2.85	2.48
0	-661	-660	S	103	QA	ZG	1.51	2.50	2.85	1.50	0	-1273	-1280	S	206	QA	ZG	0.00	4.89	1.02	4.89
0	-646	-662	S	103	QA	ZG	0.00	3.93	0.03	3.95	0	-646	-662	S	119	QA	ZG	0.00	3.93	0.45	4.27
0	-646	-662	S	116	QA	ZG	0.03	0.31	0.45	0.00	0	-646	-662	S	116	QA	ZG	0.00	0.34	0.03	0.31
0	-646	-662	S	104	QA	ZG	0.00	0.34	0.45	0.00	0	-646	-662	S	103	QA	ZG	0.03	3.95	0.45	3.95
0	-1361	-1362	S	600	QA	ZG	0.00	11.01	2.36	11.01	0	-1258	-1252	S	205	QA	ZG	0.00	7.91	0.18	7.91
0	-1258	-1252	S	206	QA	ZG	0.00	4.89	0.18	4.89	0	-730	-698	S	105	QA	ZG	0.00	3.95	0.25	3.95
0	-730	-698	S	117	QA	ZG	2.79	2.09	3.56	2.67	0	-730	-698	S	117	QA	ZG	1.55	1.16	2.79	2.09
0	-730	-698	S	117	QA	ZG	0.00	0.00	1.55	1.16	0	-730	-698	S	108	QA	ZG	0.00	4.89	3.56	4.89
0	-730	-698	S	105	QA	ZG	2.98	1.91	3.56	1.47	0	-730	-698	S	105	QA	ZG	1.88	2.73	2.98	1.91
0	-730	-698	S	105	QA	ZG	1.76	2.82	1.88	2.73	0	-730	-698	S	105	QA	ZG	0.25	3.95	1.76	2.82
0	-1280	-1292	S	206	QA	ZG	0.00	4.89	1.19	4.89	0	-1265	-1262	S	205	QA	ZG	0.00	7.91	0.56	7.91
0	-1265	-1262	S	206	QA	ZG	0.00	4.89	0.56	4.89	0	-662	-661	S	103	QA	ZG	0.00	3.95	0.42	3.64
0	-662	-661	S	116	QA	ZG	0.00	0.00	0.42	0.31	0	-662	-661	S	106	QA	ZG	0.00	2.48	0.42	2.48
0	-682	-683	S	105	QA	ZG	0.00	2.82	1.51	3.95	0	-682	-683	S	117	QA	ZG	0.70	0.61	1.51	0.00
0	-682	-683	S	117	QA	ZG	0.52	0.74	0.70	0.61	0	-682	-683	S	117	QA	ZG	0.23	0.96	0.52	0.74
0	-682	-683	S	117	QA	ZG	0.00	1.13	0.23	0.96	0	-682	-683	S	106	QA	ZG	0.00	2.48	1.51	2.48
0	-637	-646	S	103	QA	ZG	0.00	1.57	1.00	2.32	0	-637	-646	S	119	QA	ZG	0.46	1.92	3.14	3.93
0	-637	-646	S	119	QA	ZG	0.00	1.57	0.46	1.92	0	-637	-646	S	116	QA	ZG	0.32	2.45	3.14	0.34
0	-637	-646	S	116	QA	ZG	0.00	2.69	0.32	2.45	0	-637	-646	S	104	QA	ZG	0.00	2.69	3.14	0.34
0	-637	-646	S	103	QA	ZG	1.62	2.79	3.14	3.93	0	-637	-646	S	103	QA	ZG	1.00	2.32	1.62	2.79
0	-627	-633	S	103	QA	ZG	0.00	0.00	1.05	0.79	0	-627	-633	S	119	QA	ZG	0.00	0.00	1.05	0.79
0	-627	-633	S	116	QA	ZG	0.42	3.95	1.05	3.48	0	-627	-633	S	116	QA	ZG	0.00	3.95	0.42	3.95
0	-627	-633	S	104	QA	ZG	0.00	4.27	1.05	3.48	0	-627	-633	S	104	QA	ZG	0.00	0.00	0.81	0.61
0	-679	-680	S	117	QA	ZG	1.80	2.60	2.54	2.05	0	-679	-680	S	117	QA	ZG	1.20	3.05	1.80	2.60
0	-679	-680	S	117	QA	ZG	0.00	3.95	1.20	3.05	0	-679	-680	S	106	QA	ZG	0.00	2.48	2.54	2.48
0	-679	-680	S	105	QA	ZG	1.96	1.47	2.54	1.91	0	-679	-680	S	105	QA	ZG	0.81	0.61	1.96	1.47
0	-629	-630	S	104	QA	ZG	0.00	2.35	3.14	0.00	0	-629	-630	S	119	QA	ZG	3.13	4.27	3.14	4.27
0	-629	-630	S	119	QA	ZG	2.68	3.93	3.13	4.27	0	-629	-630	S	119	QA	ZG	0.00	1.92	2.68	3.93
0	-1203	-1204	S	203	QA	ZG	0.00	8.54	3.14	8.54	0	-681	-682	S	105	QA	ZG	0.00	2.73	0.12	2.82
0	-681	-682	S	117	QA	ZG	0.00	1.22	0.12	1.13	0	-681	-682	S	106	QA	ZG	0.00	2.48	0.12	2.48
0	-663	-662	S	104	QA	ZG	0.00	0.15	0.20	0.00	0	-663	-662	S	119	QA	ZG	0.19	4.27	0.20	4.27
0	-663	-662	S	119	QA	ZG	0.00	4.12	0.19	4.27	0	-630	-640	S	104	QA	ZG	0.00	0.00	3.14	2.35
0	-630	-640	S	119	QA	ZG	1.01	3.51	3.17	1.89	0	-630	-640	S	119	QA	ZG	0.19	4.13	1.01	3.51
0	-630	-640	S	119	QA	ZG	0.00	4.27	0.19	4.12	0	-630	-640	S	104	QA	ZG	3.14	2.35	3.17	2.38
0	-1202	-1203	S	203	QA	ZG	0.00	8.54	1.30	8.54	0	-1262	-1258	S	205	QA	ZG	0.00	7.91	0.41	7.91
0	-1262	-1258	S	206	QA	ZG	0.00	4.89	0.41	4.89	0	-1297	-1265	S	205	QA	ZG	0.00	7.91	3.56	7.91
0	-1297	-1265	S	206	QA	ZG	0.00	4.89	3.56	4.89	0	-733	-732	S	105	QA	ZG	0.00	0.00	1.45	1.09
0	-733	-732	S	117	QA	ZG	1.71	2.67	2.48	2.09	0	-733	-732	S	117	QA	ZG	0.74	3.40	1.71	2.67
0	-733	-732	S	117	QA	ZG	0.56	3.53	0.74	3.40	0	-733	-732	S	117	QA	ZG	0.00	3.95	0.56	3.53
0	-733	-732	S	105	QA	ZG	2.05	1.54	2.48	1.86	0	-733	-732	S	105	QA	ZG	1.45	1.09	2.05	1.54
0	-683	-687	S	105	QA	ZG	0.00	3.95	0.25	3.95	0	-683	-687	S	117	QA	ZG	0.00	0.00	0.81	0.61
0	-683	-687	S	105	QA	ZG	0.25	3.95	0.81	3.53	0	-687	-693	S	105	QA	ZG	0.00	3.53	0.18	3.40
0	-687	-693	S	118	QA	ZG	0.00	0.00	0.18	0.14	0	-687	-693	S	117	QA	ZG	0.00	0.61	0.18	0.74
0	-687	-693	S	111	QA	ZG	0.00	3.53	0.18	3.40	0	-688	-687	S	111	QA	ZG	0.00	3.53	0.23	3.53
0	-688	-687	S	118	QA	ZG	0.05	0.14	0.23	0.00	0	-688	-687	S	118	QA	ZG	0.00	0.17	0.05	0.14
0	-693	-695	S	105	QA	ZG	0.00	3.40	0.29	3.18	0	-693	-695	S	118	QA	ZG	0.05	0.17	0.29	0.35
0	-693	-695	S	118	QA	ZG	0.00	0.14	0.05	0.17	0	-693	-695	S	117	QA	ZG	0.00	0.74	0.29	0.96
0	-693	-695	S	111	QA	ZG	0.00	3.40	0.29	3.18	0	-688	-689	S	111	QA	ZG	0.00	3.53	0.76	3.53
0	-688	-689	S	118	QA	ZG	0.80	0.77	0.85	0.81	0	-688	-689	S	118	QA	ZG	0.24	0.35	0.80	0.77
0	-688	-689	S	118	QA	ZG	0.00	0.17	0.24	0.35	0	-688	-689	S	111	QA	ZG	0.76	3.53	0.85	3.46
0	-1252	-1245	S	205	QA	ZG	0.00	7.91	0.81	7.91	0	-1252	-1245	S	206	QA	ZG	0.00	4.89	0.81	4.89
0	-695	-696	S	105	QA	ZG	0.00	3.18	0.51	2.79	0	-695	-696	S	118	QA	ZG	0.00	0.35	0.56	0.77
0	-695	-696	S	117	QA	ZG	0.35	1.22	0.56	1.38	0	-695	-696	S	117	QA	ZG	0.23	1.13	0.35	1.22
0	-695	-696	S	117	QA	ZG	0.00	0.96	0.23	1.13	0	-695	-696	S	111	QA	ZG	0.00	3.18	0.56	2.76
0	-695	-696	S	105	QA	ZG	0.51	2.79	0.56	2.76	0	-696	-699	S	105	QA	ZG	0.00	2.76	0.12	2.67
0	-696	-699	S	118	QA	ZG	0.05	0.81	0.12	0.86	0	-696	-699	S	118	QA	ZG	0.00	0.77	0.05	0.81
0	-696	-699	S	117	QA	ZG	0.00	1.38	0.12	1.47	0	-696	-699	S	111	QA	ZG	0.00	2.76	0.12	2.67
0	-1362	-1363	S	600	QA	ZG	0.00	11.01	2.54	11.01	0	-664	-663	S	104	QA	ZG	0.00	0.77	0.57	0.34
0	-664	-663	S	119	QA	ZG	0.00	3.51	0.82	4.12	0	-664	-663	S	104	QA	ZG	0.57	0.34	0.82	0.15
0	-699	-703	S	105	QA	ZG	0.00	2.67	0.65	2.18	0	-699	-703	S	118	QA	ZG	0.00	0.86	0.65	1.35
0	-699	-703	S	117	QA	ZG	0.00	1.47	0.65	1.96	0	-699	-703	S	111	QA	ZG	0.00	2.67	0.65	2.18
0	-709	-712	S	105	QA	ZG	0.00	1.54	0.60	1.09	0	-709	-712	S	118	QA	ZG	0.00	2.00	0.60	2.44
0	-709	-712	S	117	QA	ZG	0.00	2.60	0.60	3.05	0	-709	-712	S	111	QA	ZG	0.00	1.54	0.60	1.09
0	-665	-664	S	104	QA	ZG	0.00	3.07	0.50	2.69	0	-665	-664	S	119	QA	ZG	0.91	1.89	3.07	3.51
0	-665	-664	S	119	QA	ZG	0.00	1.21	0.91	1.89	0	-665	-664	S	104	QA	ZG	0.			

0	-731	-730	S	105	QA	ZG	0.51	3.18	0.81	3.40	0	-732	-731	S	105	QA	ZG	0.00	1.86	0.43	2.18
0	-732	-731	S	117	QA	ZG	0.00	2.09	1.25	1.16	0	-732	-731	S	105	QA	ZG	1.20	2.76	1.25	2.79
0	-732	-731	S	105	QA	ZG	1.08	2.67	1.20	2.76	0	-732	-731	S	105	QA	ZG	0.43	2.18	1.08	2.67
0	-1364	-1365	S	600	QA	ZG	0.00	11.01	0.12	11.01	0	-1231	-1230	S	203	QA	ZG	0.00	8.54	0.82	8.54
0	-666	-665	S	104	QA	ZG	0.00	4.27	0.01	4.27	0	-666	-665	S	119	QA	ZG	1.40	1.05	1.61	1.21
0	-666	-665	S	119	QA	ZG	0.00	0.00	1.40	1.05	0	-666	-665	S	104	QA	ZG	1.06	3.48	1.61	3.07
0	-666	-665	S	104	QA	ZG	0.01	4.27	1.06	3.48	0	-690	-689	S	111	QA	ZG	0.00	1.21	3.01	3.46
0	-690	-689	S	118	QA	ZG	2.94	0.86	3.01	0.81	0	-690	-689	S	118	QA	ZG	2.29	1.35	2.94	0.86
0	-690	-689	S	118	QA	ZG	1.43	2.00	2.29	1.35	0	-690	-689	S	118	QA	ZG	0.83	2.44	1.43	2.00
0	-690	-689	S	118	QA	ZG	0.00	3.07	0.83	2.44	0	-1253	-1259	S	204	QA	ZG	0.00	8.55	0.18	8.55
0	-1253	-1259	S	205	QA	ZG	0.00	7.91	0.18	7.91	0	-1232	-1231	S	203	QA	ZG	0.00	8.54	3.07	8.54
0	-735	-734	S	111	QA	ZG	0.00	0.99	0.50	0.62	0	-735	-734	S	118	QA	ZG	0.33	3.53	0.50	3.53
0	-735	-734	S	118	QA	ZG	0.01	3.29	0.33	3.53	0	-735	-734	S	118	QA	ZG	0.00	3.28	0.01	3.29
0	-1259	-1261	S	204	QA	ZG	0.00	8.55	0.29	8.55	0	-1259	-1261	S	205	QA	ZG	0.00	7.91	0.29	7.91
0	-640	-644	S	104	QA	ZG	0.00	2.38	1.12	3.22	0	-640	-644	S	119	QA	ZG	0.91	1.21	1.12	1.05
0	-640	-644	S	119	QA	ZG	0.00	1.89	0.91	1.21	0	-1249	-1253	S	205	QA	ZG	0.00	7.91	0.81	7.91
0	-1261	-1263	S	204	QA	ZG	0.00	8.55	0.61	8.55	0	-1261	-1263	S	205	QA	ZG	0.00	7.91	0.61	7.91
0	-1263	-1266	S	204	QA	ZG	0.00	8.55	0.07	8.55	0	-1263	-1266	S	205	QA	ZG	0.00	7.91	0.07	7.91
0	-1270	-1276	S	204	QA	ZG	0.00	8.55	0.86	8.55	0	-1270	-1276	S	205	QA	ZG	0.00	7.91	0.86	7.91
0	-712	-733	S	105	QA	ZG	0.00	1.09	1.45	0.00	0	-712	-733	S	118	QA	ZG	0.83	3.07	1.45	3.53
0	-712	-733	S	118	QA	ZG	0.00	2.44	0.83	3.07	0	-712	-733	S	117	QA	ZG	1.20	3.95	1.45	3.95
0	-712	-733	S	117	QA	ZG	0.00	3.05	1.20	3.95	0	-712	-733	S	111	QA	ZG	0.63	0.62	1.45	0.00
0	-712	-733	S	111	QA	ZG	0.13	0.99	0.63	0.62	0	-712	-733	S	111	QA	ZG	0.00	1.09	0.13	0.99
0	-1266	-1270	S	204	QA	ZG	0.00	8.55	0.65	8.55	0	-1266	-1270	S	205	QA	ZG	0.00	7.91	0.65	7.91
0	-734	-733	S	111	QA	ZG	0.00	0.62	0.82	0.00	0	-734	-733	S	118	QA	ZG	0.00	3.53	0.82	3.53
0	-644	-666	S	104	QA	ZG	0.00	3.22	0.15	3.33	0	-644	-666	S	119	QA	ZG	0.00	1.05	1.40	0.00
0	-644	-666	S	104	QA	ZG	0.15	3.33	1.40	4.27	0	-736	-735	S	111	QA	ZG	0.00	1.96	0.56	1.54
0	-736	-735	S	118	QA	ZG	0.02	2.33	1.29	3.28	0	-736	-735	S	118	QA	ZG	0.00	2.32	0.02	2.33
0	-736	-735	S	111	QA	ZG	1.16	1.09	1.29	0.99	0	-736	-735	S	111	QA	ZG	0.56	1.54	1.16	1.09
0	-1276	-1279	S	204	QA	ZG	0.00	8.55	0.60	8.55	0	-1276	-1279	S	205	QA	ZG	0.00	7.91	0.60	7.91
0	-691	-694	S	111	QA	ZG	0.00	0.00	0.32	0.24	0	-691	-694	S	118	QA	ZG	0.00	3.53	0.32	3.29
0	-737	-736	S	111	QA	ZG	0.00	3.53	0.76	3.53	0	-737	-736	S	118	QA	ZG	0.00	0.00	3.09	2.32
0	-737	-736	S	111	QA	ZG	2.79	2.18	3.09	1.96	0	-737	-736	S	111	QA	ZG	2.14	2.67	2.79	2.18
0	-737	-736	S	111	QA	ZG	2.02	2.76	2.14	2.67	0	-737	-736	S	111	QA	ZG	1.46	3.18	2.02	2.76
0	-737	-736	S	111	QA	ZG	1.17	3.40	1.46	3.18	0	-737	-736	S	111	QA	ZG	0.99	3.53	1.17	3.40
0	-737	-736	S	111	QA	ZG	0.76	3.53	0.99	3.53	0	-691	-690	S	111	QA	ZG	0.00	0.00	0.32	0.24
0	-691	-690	S	118	QA	ZG	0.99	3.53	1.61	3.07	0	-691	-690	S	118	QA	ZG	0.17	3.53	0.99	3.53
0	-691	-690	S	118	QA	ZG	0.00	3.53	0.17	3.53	0	-691	-690	S	111	QA	ZG	1.60	1.20	1.61	1.21
0	-691	-690	S	111	QA	ZG	0.32	0.24	1.60	1.20	0	-1279	-1300	S	204	QA	ZG	0.00	8.55	1.45	8.55
0	-1279	-1300	S	205	QA	ZG	0.00	7.91	1.45	7.91	0	-694	-702	S	111	QA	ZG	0.00	0.24	1.28	1.20
0	-694	-702	S	118	QA	ZG	0.01	3.28	1.28	2.33	0	-694	-702	S	118	QA	ZG	0.00	3.29	0.01	3.29
0	-702	-737	S	111	QA	ZG	0.00	1.20	0.00	1.21	0	-702	-737	S	118	QA	ZG	0.02	2.32	3.10	0.00
0	-702	-737	S	118	QA	ZG	0.00	2.33	0.02	2.32	0	-702	-737	S	111	QA	ZG	3.01	3.46	3.10	3.53
0	-702	-737	S	111	QA	ZG	0.00	1.21	3.01	3.46	0	-1233	-1232	S	203	QA	ZG	0.00	8.54	1.61	8.54
0	-1257	-1260	S	204	QA	ZG	0.00	8.55	0.32	8.55	0	-1260	-1269	S	204	QA	ZG	0.00	8.55	1.28	8.55
0	-1269	-1304	S	204	QA	ZG	0.00	8.55	3.10	8.55											

Elenco carichi aste

Condizione di carico n. 5: Neve

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-2036	-2171	S	401	QA	ZG	0.00	2.27	5.86	2.27	0	-2133	-2180	S	402	QA	ZG	0.00	2.27	5.88	2.27
0	-2133	-2180	S	402	QA	ZG	6.73	2.27	6.73	0.00	0	-2133	-2180	S	402	QA	ZG	5.88	2.27	6.73	2.27
0	-2040	-2041	S	404	QA	ZG	0.00	0.00	1.27	0.00	0	-2171	-2180	S	400	QA	ZG	0.00	2.27	0.91	2.27
0	-947	-948	S	--	M	ZG	0.00	1.39	3.18	1.39	0	-2043	-2177	S	404	QA	ZG	0.00	2.57	5.86	2.57
0	-2043	-2177	S	406	QA	ZG	0.00	3.78	5.97	3.78	0	-2043	-2177	S	404	QA	ZG	5.86	2.57	5.97	2.57
0	-2134	-2133	S	402	QA	ZG	0.00	0.00	3.18	0.00	0	-2174	-2039	S	401	QA	ZG	0.00	2.27	5.86	2.27
0	-2174	-2039	S	404	QA	ZG	5.86	1.66	5.86	1.09	0	-2174	-2039	S	404	QA	ZG	0.00	2.57	5.86	2.57
0	-2136	-2135	S	402	QA	ZG	0.00	0.00	0.71	0.00	0	-2136	-2175	S	402	QA	ZG	0.00	2.27	5.88	2.27
0	-2136	-2175	S	403	QA	ZG	0.00	0.98	5.88	0.98	0	-2136	-2175	S	402	QA	ZG	0.00	0.91	0.00	2.39
0	-2136	-2175	S	402	QA	ZG	0.00	0.33	0.00	0.91	0	-2136	-2175	S	402	QA	ZG	0.00	0.00	0.00	0.33
0	-2135	-2134	S	402	QA	ZG	0.00	0.00	1.24	0.00	0	-2177	-2183	S	404	QA	ZG	0.00	2.57	0.80	2.57
0	-2177	-2183	S	406	QA	ZG	0.00	3.78	0.80	3.78	0	-2177	-2183	S	404	QA	ZG	0.80	1.02	0.80	0.00
0	-2183	-2164	S	405	QA	ZG	0.00	0.00	0.00	1.66	0	-2183	-2164	S	410	QA	ZG	0.00	3.78	0.93	3.78
0	-2183	-2164	S	405	QA	ZG	0.85	1.58	0.93	1.58	0	-2183	-2164	S	405	QA	ZG	0.00	3.17	0.85	3.17
0	-2142	-2141	S	405	QA	ZG	0.00	0.00	0.77	0.00	0	-2176	-2141	S	403	QA	ZG	0.00	0.98	5.88	0.98
0	-2176	-2141	S	405	QA	ZG	5.88	0.34	5.88	0.00	0	-2176	-2141	S	405	QA	ZG	5.88	0.95	5.88	0.34
0	-2176	-2141	S	405	QA	ZG	5.87	1.58	5.88	0.95	0	-2176	-2141	S	405	QA	ZG	0.08	1.58	5.87	1.58
0	-2176	-2141	S	405	QA	ZG	0.00	1.58	0.08	1.58	0	-2052	-2178	S	406	QA	ZG	0.00	3.78	5.97	3.78
0	-2052	-2178	S	407	QA	ZG	0.00	2.53	5.97	0.30	0	-2143	-2142	S	405	QA	ZG	0.00	0.00	1.37	0.00
0	-2144	-2143	S	405	QA	ZG	0.00	0.00	1.43	0.00	0	-2164	-2165	S	409	QA	ZG	0.00	0.00	0.90	0.00
0	-2165	-2166	S	409	QA	ZG	0.00	0.00	2.36	0.00	0	-2164	-2144	S	405	QA	ZG	0.00	1.58	5.80	1.58
0	-2164	-2144	S	409	QA	ZG	5.80	0.33	5.80	0.00	0	-2164	-2144	S	409	QA	ZG	5.79	0.99	5.80	0.42
0	-2164	-2144	S	409	QA	ZG	5.79	1.15	5.79	0.99	0	-2164	-2144	S	409	QA	ZG	1.98	1.44	5.79	1.44
0	-2164	-2144	S	409	QA	ZG	0.96	1.44	1.98	1.44	0	-2164	-2144	S	409	QA	ZG	0.00	1.44	0.96	1.44
0	-2145	-2144	S	409	QA	ZG	0.00	0.00	0.74	0.00	0	-2147	-2146	S	409	QA	ZG	0.00	0.00	1.28	0.00
0	-2149	-2157	S	408	QA	ZG	0.00	2.33	3.81	2.33	0	-2149	-2157	S	409	QA	ZG	0.00	1.44	3.81	1.44

0	-2149	-2157	S	408	QA	ZG	3.81	2.33	3.81	2.33	0	-2160	-2166	S	408	QA	ZG	0.00	2.33	0.11	2.33
0	-2160	-2166	S	409	QA	ZG	0.96	1.10	0.96	0.00	0	-2160	-2166	S	409	QA	ZG	0.96	1.52	0.96	1.10
0	-2160	-2166	S	409	QA	ZG	0.00	1.44	0.96	1.44	0	-2160	-2166	S	408	QA	ZG	0.96	1.05	0.96	0.00
0	-2160	-2166	S	408	QA	ZG	0.96	1.66	0.96	1.61	0	-2160	-2166	S	408	QA	ZG	0.96	2.33	0.96	1.66
0	-2160	-2166	S	408	QA	ZG	0.11	2.33	0.96	2.33	0	-2148	-2147	S	409	QA	ZG	0.00	0.00	0.37	0.00
0	-2166	-2167	S	408	QA	ZG	0.00	0.00	2.54	0.00	0	-2150	-2149	S	408	QA	ZG	0.00	0.00	1.55	0.00
0	-2151	-2150	S	408	QA	ZG	0.00	0.00	1.25	0.00	0	-2168	-2169	S	408	QA	ZG	0.00	0.00	0.12	0.00
0	-2169	-2170	S	408	QA	ZG	0.00	0.00	1.51	0.00	0	-2178	-2184	S	406	QA	ZG	0.00	3.78	0.80	3.78
0	-2178	-2184	S	407	QA	ZG	0.00	0.30	0.80	0.00	0	-2184	-2170	S	410	QA	ZG	0.00	3.78	0.93	3.78
0	-2184	-2170	S	415	QA	ZG	0.00	0.00	0.93	0.35	0	-2170	-2161	S	408	QA	ZG	0.00	2.33	0.85	2.33
0	-2170	-2161	S	415	QA	ZG	0.00	0.35	0.85	0.66	0	-2161	-2159	S	408	QA	ZG	0.00	2.33	0.11	2.33
0	-2161	-2159	S	414	QA	ZG	0.00	0.66	0.19	0.73	0	-2161	-2159	S	408	QA	ZG	0.11	2.34	0.19	2.34
0	-2158	-2152	S	408	QA	ZG	0.00	2.33	3.81	2.33	0	-2158	-2152	S	414	QA	ZG	0.00	1.09	3.81	2.52
0	-2158	-2152	S	408	QA	ZG	3.81	1.15	3.81	0.00	0	-2158	-2152	S	408	QA	ZG	3.81	1.73	3.81	1.15
0	-2158	-2152	S	408	QA	ZG	3.81	2.45	3.81	1.73	0	-2152	-2151	S	408	QA	ZG	0.00	0.00	2.48	0.00
0	-2083	-2179	S	411	QA	ZG	0.00	2.49	5.35	0.00	0	-2083	-2179	S	412	QA	ZG	4.47	1.08	5.35	0.67
0	-2083	-2179	S	412	QA	ZG	0.00	1.08	4.47	1.08	0	-2083	-2179	S	412	QA	ZG	0.00	0.64	0.00	1.08
0	-2083	-2179	S	412	QA	ZG	0.00	0.33	0.00	0.64	0	-2083	-2179	S	412	QA	ZG	0.00	0.00	0.00	0.33
0	-2083	-2089	S	412	QA	ZG	0.00	0.00	0.76	0.00	0	-2110	-2163	S	412	QA	ZG	0.00	1.08	4.47	1.08
0	-2110	-2163	S	413	QA	ZG	0.00	2.06	4.47	0.00	0	-2089	-2092	S	412	QA	ZG	0.00	0.00	0.69	0.00
0	-2092	-2110	S	412	QA	ZG	0.00	0.00	1.01	0.00	0	-2155	-2154	S	414	QA	ZG	0.00	0.00	1.29	0.00
402	-2180	-2181	S	402	QA	ZG	0.00	0.00	5.13	0.00	402	-2182	-2183	S	404	QA	ZG	0.00	0.00	3.57	0.00
402	-2182	-2183	S	405	QA	ZG	0.00	0.00	3.57	0.00	403	-2162	-2161	S	415	QA	ZG	0.00	0.00	1.08	0.00
406	-2181	-2174	S	400	QA	ZG	0.00	2.27	0.91	2.27	406	-2181	-2174	S	404	QA	ZG	0.80	2.57	0.91	2.57
406	-2181	-2174	S	404	QA	ZG	0.00	2.57	0.80	2.57	409	-2157	-2160	S	408	QA	ZG	0.00	2.34	0.94	2.34
409	-2157	-2160	S	409	QA	ZG	0.00	1.44	1.02	1.44	409	-2157	-2160	S	408	QA	ZG	0.94	2.34	1.02	2.34
410	-2159	-2158	S	408	QA	ZG	0.00	2.34	0.94	2.34	410	-2159	-2158	S	414	QA	ZG	0.00	0.73	0.94	1.09
410	-2159	-2158	S	408	QA	ZG	0.94	2.33	0.94	2.33	412	-2055	-2179	S	407	QA	ZG	0.00	1.93	7.81	0.23
412	-2055	-2179	S	411	QA	ZG	0.00	1.70	7.81	0.00	412	-2179	-2184	S	407	QA	ZG	0.00	0.23	1.04	0.00
412	-2179	-2184	S	412	QA	ZG	0.00	0.46	1.04	0.00	415	-2163	-2184	S	412	QA	ZG	0.00	0.73	1.28	0.45
415	-2163	-2184	S	415	QA	ZG	1.11	0.27	2.32	0.00	415	-2163	-2184	S	415	QA	ZG	0.00	0.51	1.11	0.27
415	-2163	-2184	S	415	QA	ZG	0.00	0.15	0.00	0.53	415	-2163	-2184	S	412	QA	ZG	1.28	0.45	2.32	0.00
415	-2156	-2163	S	413	QA	ZG	0.00	1.42	6.49	0.00	415	-2156	-2163	S	414	QA	ZG	6.25	0.56	6.49	0.50
415	-2156	-2163	S	414	QA	ZG	5.01	0.83	6.25	0.56	415	-2156	-2163	S	414	QA	ZG	0.00	1.92	5.01	0.83
415	-2156	-2163	S	414	QA	ZG	0.00	1.10	0.00	1.55	422	-2175	-2181	S	402	QA	ZG	0.00	2.27	0.85	2.27
422	-2175	-2181	S	403	QA	ZG	0.00	1.97	0.85	1.97											

Elenco carichi aste

Condizione di carico n. 6: PP Scale

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-67	-338	S	--	M	ZG	0.00	7.90	3.90	7.90	0	-339	-674	S	--	M	ZG	0.00	7.90	3.95	7.90
0	-347	-340	S	--	M	ZG	0.00	7.90	1.59	7.90	0	-340	-339	S	--	M	ZG	0.00	7.90	0.61	7.90
0	-911	-1241	S	--	M	ZG	0.00	7.90	4.10	7.90	0	-913	-911	S	--	M	ZG	0.00	7.90	0.61	7.90
0	-338	-341	S	--	M	ZG	0.00	7.90	1.02	7.90	0	-341	-352	S	--	M	ZG	0.00	7.90	1.19	7.90
0	-678	-910	S	--	M	ZG	0.00	7.90	3.98	7.90	0	-910	-915	S	--	M	ZG	0.00	7.90	1.02	7.90
0	-924	-913	S	--	M	ZG	0.00	7.90	1.59	7.90	0	-1647	-2094	S	--	M	ZG	0.00	7.90	3.87	7.90
0	-1650	-1647	S	--	M	ZG	0.00	7.90	0.61	7.90	0	-1243	-1646	S	--	M	ZG	0.00	7.90	3.82	7.90
0	-915	-928	S	--	M	ZG	0.00	7.90	1.19	7.90	0	-1661	-1650	S	--	M	ZG	0.00	7.90	1.59	7.90
0	-663	-662	S	--	M	ZG	0.00	5.30	0.20	5.30	0	-51	-294	S	--	M	ZG	0.00	5.30	3.69	5.30
0	-688	-687	S	--	M	ZG	0.00	5.30	0.23	5.30	0	-1652	-1664	S	--	M	ZG	0.00	7.90	1.19	7.90
0	-688	-689	S	--	M	ZG	0.00	5.30	0.85	5.30	0	-1646	-1652	S	--	M	ZG	0.00	7.90	1.02	7.90
0	-664	-663	S	--	M	ZG	0.00	5.30	0.82	5.30	0	-294	-295	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-308	-689	S	--	M	ZG	0.00	5.30	3.62	5.30	0	-664	-878	S	--	M	ZG	0.00	5.30	3.78	5.30
0	-1230	-1229	S	--	M	ZG	0.00	5.30	0.20	5.30	0	-309	-308	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1231	-1230	S	--	M	ZG	0.00	5.30	0.82	5.30	0	-1231	-1613	S	--	M	ZG	0.00	5.30	3.61	5.30
0	-1254	-1253	S	--	M	ZG	0.00	5.30	0.23	5.30	0	-1255	-1254	S	--	M	ZG	0.00	5.30	0.85	5.30
0	-878	-879	S	--	M	ZG	0.00	5.30	1.61	5.30	0	-898	-1255	S	--	M	ZG	0.00	5.30	3.79	5.30
0	-2108	-2107	S	--	M	ZG	0.00	5.30	0.54	5.30	0	-899	-898	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-2107	-2106	S	--	M	ZG	0.00	5.30	0.54	5.30	0	-1613	-1614	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1633	-2108	S	--	M	ZG	0.00	5.30	3.54	5.30	0	-1634	-1633	S	--	M	ZG	0.00	5.30	1.61	5.30

Elenco carichi aste

Condizione di carico n. 7: Permanenti Non Strutturali scale

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-67	-338	S	--	M	ZG	0.00	1.60	3.90	1.60	0	-339	-674	S	--	M	ZG	0.00	1.60	3.95	1.60
0	-347	-340	S	--	M	ZG	0.00	1.60	1.59	1.60	0	-340	-339	S	--	M	ZG	0.00	1.60	0.61	1.60
0	-911	-1241	S	--	M	ZG	0.00	1.60	4.10	1.60	0	-913	-911	S	--	M	ZG	0.00	1.60	0.61	1.60
0	-338	-341	S	--	M	ZG	0.00	1.60	1.02	1.60	0	-341	-352	S	--	M	ZG	0.00	1.60	1.19	1.60
0	-678	-910	S	--	M	ZG	0.00	1.60	3.98	1.60	0	-910	-915	S	--	M	ZG	0.00	1.60	1.02	1.60
0	-924	-913	S	--	M	ZG	0.00	1.60	1.59	1.60	0	-1647	-2094	S	--	M	ZG	0.00	1.60	3.87	1.60
0	-1650	-1647	S	--	M	ZG	0.00	1.60	0.61	1.60	0	-1243	-1646	S	--	M	ZG	0.00	1.60	3.82	1.60
0	-915	-928	S	--	M	ZG	0.00	1.60	1.19	1.60	0	-1661	-1650	S	--	M	ZG	0.00	1.60	1.59	1.60
0	-663	-662	S	--	M	ZG	0.00	1.10	0.20	1.10	0	-51	-294	S	--	M	ZG	0.00	1.10	3.69	1.10

0	-688	-687	S	--	M	ZG	0.00	1.10	0.23	1.10
0	-688	-689	S	--	M	ZG	0.00	1.10	0.85	1.10
0	-664	-663	S	--	M	ZG	0.00	1.10	0.82	1.10
0	-308	-689	S	--	M	ZG	0.00	1.10	3.62	1.10
0	-1230	-1229	S	--	M	ZG	0.00	1.10	0.20	1.10
0	-1231	-1230	S	--	M	ZG	0.00	1.10	0.82	1.10
0	-1254	-1253	S	--	M	ZG	0.00	1.10	0.23	1.10
0	-878	-879	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-2108	-2107	S	--	M	ZG	0.00	1.10	0.54	1.10
0	-2107	-2106	S	--	M	ZG	0.00	1.10	0.54	1.10
0	-1633	-2108	S	--	M	ZG	0.00	1.10	3.54	1.10

0	-1652	-1664	S	--	M	ZG	0.00	1.60	1.19	1.60
0	-1646	-1652	S	--	M	ZG	0.00	1.60	1.02	1.60
0	-294	-295	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-664	-878	S	--	M	ZG	0.00	1.10	3.78	1.10
0	-309	-308	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-1231	-1613	S	--	M	ZG	0.00	1.10	3.61	1.10
0	-1255	-1254	S	--	M	ZG	0.00	1.10	0.85	1.10
0	-898	-1255	S	--	M	ZG	0.00	1.10	3.79	1.10
0	-899	-898	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-1613	-1614	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-1634	-1633	S	--	M	ZG	0.00	1.10	1.61	1.10

Elenco carichi aste

Condizione di carico n. 8: Acc. Cat. C2

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-617	-618	S	125	QA	ZG	0.00	3.80	1.47	3.80
0	-619	-620	S	125	QA	ZG	0.00	3.80	0.28	3.80
0	-621	-622	S	125	QA	ZG	0.00	3.80	0.28	3.80
0	-67	-338	S	--	M	ZG	0.00	6.00	3.90	6.00
0	-622	-623	S	125	QA	ZG	0.00	3.80	0.68	3.80
0	-340	-339	S	--	M	ZG	0.00	6.00	0.61	6.00
0	-913	-911	S	--	M	ZG	0.00	6.00	0.61	6.00
0	-341	-352	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-910	-915	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-1647	-2094	S	--	M	ZG	0.00	6.00	3.87	6.00
0	-1243	-1646	S	--	M	ZG	0.00	6.00	3.82	6.00
0	-1661	-1650	S	--	M	ZG	0.00	6.00	1.59	6.00
0	-51	-294	S	--	M	ZG	0.00	4.00	3.69	4.00
0	-1652	-1664	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-1646	-1652	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-294	-295	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-664	-878	S	--	M	ZG	0.00	4.00	3.78	4.00
0	-309	-308	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1231	-1613	S	--	M	ZG	0.00	4.00	3.61	4.00
0	-1255	-1254	S	--	M	ZG	0.00	4.00	0.85	4.00
0	-898	-1255	S	--	M	ZG	0.00	4.00	3.79	4.00
0	-899	-898	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1613	-1614	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1634	-1633	S	--	M	ZG	0.00	4.00	1.61	4.00

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-620	-621	S	125	QA	ZG	0.00	3.80	1.33	3.80
0	-618	-619	S	125	QA	ZG	0.00	3.80	0.71	3.80
0	-623	-624	S	125	QA	ZG	0.00	3.80	1.55	3.80
0	-339	-674	S	--	M	ZG	0.00	6.00	3.95	6.00
0	-347	-340	S	--	M	ZG	0.00	6.00	1.59	6.00
0	-911	-1241	S	--	M	ZG	0.00	6.00	4.10	6.00
0	-338	-341	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-678	-910	S	--	M	ZG	0.00	6.00	3.98	6.00
0	-924	-913	S	--	M	ZG	0.00	6.00	1.59	6.00
0	-1650	-1647	S	--	M	ZG	0.00	6.00	0.61	6.00
0	-915	-928	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-663	-662	S	--	M	ZG	0.00	4.00	0.20	4.00
0	-688	-687	S	--	M	ZG	0.00	4.00	0.23	4.00
0	-688	-689	S	--	M	ZG	0.00	4.00	0.85	4.00
0	-664	-663	S	--	M	ZG	0.00	4.00	0.82	4.00
0	-308	-689	S	--	M	ZG	0.00	4.00	3.62	4.00
0	-1230	-1229	S	--	M	ZG	0.00	4.00	0.20	4.00
0	-1231	-1230	S	--	M	ZG	0.00	4.00	0.82	4.00
0	-1254	-1253	S	--	M	ZG	0.00	4.00	0.23	4.00
0	-878	-879	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-2108	-2107	S	--	M	ZG	0.00	4.00	0.54	4.00
0	-2107	-2106	S	--	M	ZG	0.00	4.00	0.54	4.00
0	-1633	-2108	S	--	M	ZG	0.00	4.00	3.54	4.00

Elenco carichi aste

Condizione di carico n. 9: Vento X

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-635	-611	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-647	-641	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-1214	-1209	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-670	-669	S	--	M	XG	0.00	-3.99	0.25	-3.99
0	-1219	-1214	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-701	-684	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-1250	-1237	S	--	M	XG	0.00	-3.85	1.24	-3.85
0	-2065	-2060	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1235	-1219	S	--	M	XG	0.00	-3.85	0.86	-3.85
0	-2085	-2070	S	--	M	XG	0.00	-2.71	0.86	-2.71
0	-714	-710	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-2103	-2090	S	--	M	XG	0.00	-2.71	1.24	-2.71
0	-2129	-2120	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-1281	-1277	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-640	-644	S	--	M	XG	0.00	-2.39	1.12	-2.39
0	-672	-691	S	--	M	XG	0.00	-2.39	1.01	-2.39
0	-1213	-1216	S	--	M	XG	0.00	-2.31	1.12	-2.31
0	-691	-694	S	--	M	XG	0.00	-2.39	0.32	-2.39
0	-1216	-1233	S	--	M	XG	0.00	-2.31	1.40	-2.31
0	-2055	-2064	S	--	M	XG	0.00	-1.62	3.17	-1.62
0	-2067	-2083	S	--	M	XG	0.00	-1.62	1.40	-1.62
0	-2083	-2089	S	--	M	XG	0.00	-1.62	0.76	-1.62
0	-2092	-2110	S	--	M	XG	0.00	-1.62	1.01	-1.62
0	-1269	-1304	S	--	M	XG	0.00	-2.31	3.10	-2.31
0	-2113	-2121	S	--	M	XG	0.00	-1.62	1.28	-1.62

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-641	-635	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-1209	-1185	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-669	-647	S	--	M	XG	0.00	-3.99	0.86	-3.99
0	-684	-670	S	--	M	XG	0.00	-3.99	1.24	-3.99
0	-2060	-2036	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1237	-1235	S	--	M	XG	0.00	-3.85	0.25	-3.85
0	-710	-701	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-2070	-2065	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1268	-1250	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-2090	-2085	S	--	M	XG	0.00	-2.71	0.25	-2.71
0	-1277	-1268	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-2120	-2103	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-2133	-2129	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-630	-640	S	--	M	XG	0.00	-2.39	3.17	-2.39
0	-1204	-1213	S	--	M	XG	0.00	-2.31	3.17	-2.31
0	-2064	-2067	S	--	M	XG	0.00	-1.62	1.12	-1.62
0	-644	-666	S	--	M	XG	0.00	-2.39	1.40	-2.39
0	-694	-702	S	--	M	XG	0.00	-2.39	1.28	-2.39
0	-702	-737	S	--	M	XG	0.00	-2.39	3.10	-2.39
0	-1239	-1257	S	--	M	XG	0.00	-2.31	1.01	-2.31
0	-1257	-1260	S	--	M	XG	0.00	-2.31	0.32	-2.31
0	-2089	-2092	S	--	M	XG	0.00	-1.62	0.69	-1.62
0	-1260	-1269	S	--	M	XG	0.00	-2.31	1.28	-2.31
0	-2110	-2113	S	--	M	XG	0.00	-1.62	0.32	-1.62
0	-2121	-2156	S	--	M	XG	0.00	-1.62	3.10	-1.62

Elenco carichi aste

Condizione di carico n. 10: Vento Y

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-611	-612	S	--	M	YG	0.00	-3.99	3.24	-3.99	0	-612	-613	S	--	M	YG	0.00	-3.99	1.28	-3.99
0	-613	-614	S	--	M	YG	0.00	-3.99	0.61	-3.99	0	-1185	-1186	S	--	M	YG	0.00	-3.85	3.24	-3.85
0	-1186	-1187	S	--	M	YG	0.00	-3.85	1.28	-3.85	0	-1187	-1188	S	--	M	YG	0.00	-3.85	0.61	-3.85
0	-614	-615	S	--	M	YG	0.00	-3.99	2.46	-3.99	0	-615	-616	S	--	M	YG	0.00	-3.99	1.27	-3.99
0	-1188	-1189	S	--	M	YG	0.00	-3.85	2.46	-3.85	0	-2036	-2037	S	--	M	YG	0.00	-2.71	3.24	-2.71
0	-616	-617	S	--	M	YG	0.00	-3.99	0.59	-3.99	0	-617	-618	S	--	M	YG	0.00	-3.99	1.47	-3.99
0	-620	-621	S	--	M	YG	0.00	-3.99	1.33	-3.99	0	-2037	-2038	S	--	M	YG	0.00	-2.71	1.28	-2.71
0	-2038	-2039	S	--	M	YG	0.00	-2.71	0.61	-2.71	0	-2039	-2040	S	--	M	YG	0.00	-2.71	2.46	-2.71
0	-619	-620	S	--	M	YG	0.00	-3.99	0.28	-3.99	0	-1190	-1191	S	--	M	YG	0.00	-3.85	0.59	-3.85
0	-1191	-1192	S	--	M	YG	0.00	-3.85	1.47	-3.85	0	-618	-619	S	--	M	YG	0.00	-3.99	0.71	-3.99
0	-1189	-1190	S	--	M	YG	0.00	-3.85	1.27	-3.85	0	-1192	-1193	S	--	M	YG	0.00	-3.85	0.71	-3.85
0	-1193	-1194	S	--	M	YG	0.00	-3.85	0.28	-3.85	0	-621	-622	S	--	M	YG	0.00	-3.99	0.28	-3.99
0	-623	-624	S	--	M	YG	0.00	-3.99	1.55	-3.99	0	-624	-625	S	--	M	YG	0.00	-3.99	0.63	-3.99
0	-1194	-1195	S	--	M	YG	0.00	-3.85	1.33	-3.85	0	-2041	-2042	S	--	M	YG	0.00	-2.71	0.59	-2.71
0	-1195	-1196	S	--	M	YG	0.00	-3.85	0.28	-3.85	0	-2040	-2041	S	--	M	YG	0.00	-2.71	1.27	-2.71
0	-622	-623	S	--	M	YG	0.00	-3.99	0.68	-3.99	0	-2044	-2045	S	--	M	YG	0.00	-2.71	0.28	-2.71
0	-715	-714	S	--	M	YG	0.00	-2.39	3.18	-2.39	0	-2042	-2043	S	--	M	YG	0.00	-2.71	1.47	-2.71
0	-1196	-1197	S	--	M	YG	0.00	-3.85	0.68	-3.85	0	-2043	-2044	S	--	M	YG	0.00	-2.71	0.71	-2.71
0	-1197	-1198	S	--	M	YG	0.00	-3.85	1.55	-3.85	0	-2046	-2047	S	--	M	YG	0.00	-2.71	0.28	-2.71
0	-1282	-1281	S	--	M	YG	0.00	-2.31	3.18	-2.31	0	-625	-626	S	--	M	YG	0.00	-3.99	1.28	-3.99
0	-1198	-1199	S	--	M	YG	0.00	-3.85	0.63	-3.85	0	-2045	-2046	S	--	M	YG	0.00	-2.71	1.33	-2.71
0	-716	-715	S	--	M	YG	0.00	-2.39	1.24	-2.39	0	-717	-716	S	--	M	YG	0.00	-2.39	0.71	-2.39
0	-718	-717	S	--	M	YG	0.00	-2.39	0.66	-2.39	0	-719	-718	S	--	M	YG	0.00	-2.39	0.24	-2.39
0	-720	-719	S	--	M	YG	0.00	-2.39	0.86	-2.39	0	-721	-720	S	--	M	YG	0.00	-2.39	0.20	-2.39
0	-1283	-1282	S	--	M	YG	0.00	-2.31	1.24	-2.31	0	-2134	-2133	S	--	M	YG	0.00	-1.62	3.18	-1.62
0	-626	-627	S	--	M	YG	0.00	-3.99	1.82	-3.99	0	-1200	-1201	S	--	M	YG	0.00	-3.85	1.82	-3.85
0	-722	-721	S	--	M	YG	0.00	-2.39	0.27	-2.39	0	-723	-722	S	--	M	YG	0.00	-2.39	0.77	-2.39
0	-1286	-1285	S	--	M	YG	0.00	-2.31	0.24	-2.31	0	-725	-724	S	--	M	YG	0.00	-2.39	1.43	-2.39
0	-628	-629	S	--	M	YG	0.00	-3.99	1.30	-3.99	0	-726	-725	S	--	M	YG	0.00	-2.39	0.74	-2.39
0	-1287	-1286	S	--	M	YG	0.00	-2.31	0.86	-2.31	0	-2136	-2135	S	--	M	YG	0.00	-1.62	0.71	-1.62
0	-2047	-2048	S	--	M	YG	0.00	-2.71	0.68	-2.71	0	-1199	-1200	S	--	M	YG	0.00	-3.85	1.28	-3.85
0	-1285	-1284	S	--	M	YG	0.00	-2.31	0.66	-2.31	0	-2135	-2134	S	--	M	YG	0.00	-1.62	1.24	-1.62
0	-2137	-2136	S	--	M	YG	0.00	-1.62	0.66	-1.62	0	-627	-628	S	--	M	YG	0.00	-3.99	1.26	-3.99
0	-2049	-2050	S	--	M	YG	0.00	-2.71	0.63	-2.71	0	-2050	-2051	S	--	M	YG	0.00	-2.71	1.28	-2.71
0	-1284	-1283	S	--	M	YG	0.00	-2.31	0.71	-2.31	0	-1201	-1202	S	--	M	YG	0.00	-3.85	1.26	-3.85
0	-2048	-2049	S	--	M	YG	0.00	-2.71	1.55	-2.71	0	-2052	-2053	S	--	M	YG	0.00	-2.71	1.26	-2.71
0	-727	-726	S	--	M	YG	0.00	-2.39	0.21	-2.39	0	-728	-727	S	--	M	YG	0.00	-2.39	1.28	-2.39
0	-729	-728	S	--	M	YG	0.00	-2.39	0.37	-2.39	0	-730	-729	S	--	M	YG	0.00	-2.39	0.66	-2.39
0	-2051	-2052	S	--	M	YG	0.00	-2.71	1.82	-2.71	0	-1288	-1287	S	--	M	YG	0.00	-2.31	0.20	-2.31
0	-1289	-1288	S	--	M	YG	0.00	-2.31	0.27	-2.31	0	-2138	-2137	S	--	M	YG	0.00	-1.62	0.24	-1.62
0	-2139	-2138	S	--	M	YG	0.00	-1.62	0.86	-1.62	0	-2140	-2139	S	--	M	YG	0.00	-1.62	0.20	-1.62
0	-1290	-1289	S	--	M	YG	0.00	-2.31	0.77	-2.31	0	-2142	-2141	S	--	M	YG	0.00	-1.62	0.77	-1.62
0	-2141	-2140	S	--	M	YG	0.00	-1.62	0.27	-1.62	0	-629	-630	S	--	M	YG	0.00	-3.99	3.14	-3.99
0	-1203	-1204	S	--	M	YG	0.00	-3.85	3.14	-3.85	0	-1295	-1294	S	--	M	YG	0.00	-2.31	1.28	-2.31
0	-1202	-1203	S	--	M	YG	0.00	-3.85	1.30	-3.85	0	-1292	-1291	S	--	M	YG	0.00	-2.31	1.43	-2.31
0	-1293	-1292	S	--	M	YG	0.00	-2.31	0.74	-2.31	0	-1296	-1295	S	--	M	YG	0.00	-2.31	0.37	-2.31
0	-733	-732	S	--	M	YG	0.00	-2.39	2.48	-2.39	0	-2143	-2142	S	--	M	YG	0.00	-1.62	1.37	-1.62
0	-2144	-2143	S	--	M	YG	0.00	-1.62	1.43	-1.62	0	-1294	-1293	S	--	M	YG	0.00	-2.31	0.21	-2.31
0	-2145	-2144	S	--	M	YG	0.00	-1.62	0.74	-1.62	0	-2146	-2145	S	--	M	YG	0.00	-1.62	0.21	-1.62
0	-2053	-2054	S	--	M	YG	0.00	-2.71	1.30	-2.71	0	-2147	-2146	S	--	M	YG	0.00	-1.62	1.28	-1.62
0	-731	-730	S	--	M	YG	0.00	-2.39	1.55	-2.39	0	-732	-731	S	--	M	YG	0.00	-2.39	1.25	-2.39
0	-1297	-1296	S	--	M	YG	0.00	-2.31	0.66	-2.31	0	-1298	-1297	S	--	M	YG	0.00	-2.31	1.55	-2.31
0	-2148	-2147	S	--	M	YG	0.00	-1.62	0.37	-1.62	0	-735	-734	S	--	M	YG	0.00	-2.39	0.50	-2.39
0	-2149	-2148	S	--	M	YG	0.00	-1.62	0.66	-1.62	0	-2054	-2055	S	--	M	YG	0.00	-2.71	3.14	-2.71
0	-734	-733	S	--	M	YG	0.00	-2.39	0.82	-2.39	0	-1299	-1298	S	--	M	YG	0.00	-2.31	1.25	-2.31
0	-736	-735	S	--	M	YG	0.00	-2.39	1.29	-2.39	0	-737	-736	S	--	M	YG	0.00	-2.39	3.09	-2.39
0	-1300	-1299	S	--	M	YG	0.00	-2.31	2.48	-2.31	0	-2150	-2149	S	--	M	YG	0.00	-1.62	1.55	-1.62
0	-2151	-2150	S	--	M	YG	0.00	-1.62	1.25	-1.62	0	-2152	-2151	S	--	M	YG	0.00	-1.62	2.48	-1.62
0	-1301	-1300	S	--	M	YG	0.00	-2.31	0.82	-2.31	0	-2153	-2152	S	--	M	YG	0.00	-1.62	0.82	-1.62
0	-1302	-1301	S	--	M	YG	0.00	-2.31	0.50	-2.31	0	-2154	-2153	S	--	M	YG	0.00	-1.62	0.50	-1.62
0	-1303	-1302	S	--	M	YG	0.00	-2.31	1.29	-2.31	0	-1304	-1303	S	--	M	YG	0.00	-2.31	3.09	-2.31
0	-2155	-2154	S	--	M	YG	0.00	-1.62	1.29	-1.62	0	-2156	-2155	S	--	M	YG	0.00	-1.62	3.09	-1.62

Elenco carichi aste
Condizione di carico n. 11: Acc. Cat. H
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-2060	-2036	S	300	QA	ZG	0.00	1.28	1.86	1.28	0	-2065	-2060	S	300	QA	ZG	0.00	1.28	1.86	1.28
0	-2036	-2171	S	401	QA2	ZG	0.00	1.27	5.86	1.27	0	-2070	-2065	S	300	QA	ZG	0.00	1.28	1.86	1.28
0	-2056	-2039	S	300	QA	ZG	0.00	1.28	1.00	1.28	0	-2056	-2039	S	301	QA	ZG	0.00	1.45	1.00	1.45
0	-2085	-2070	S	302	QA	ZG	0.00	1.28	0.86	1.28	0	-2059	-2056	S	300	QA	ZG	0.00	1.28	0.20	1.28
0	-2059	-2056	S	301	QA	ZG	0.00	1.45	0.20	1.45	0	-2090	-2085	S	302	QA	ZG	0.00	1.28	0.25	1.28
0	-2068	-2061	S	300	QA	ZG	0.00	1.28	2.49	1.28	0	-2068	-2061	S	301	QA	ZG	0.00	1.45	2.49	1.45
0	-2061	-2059	S	300	QA	ZG	0.00	1.28	0.88	1.28	0	-2061	-2059	S	301	QA	ZG	0.00	1.45	0.88	1.45
0	-2103	-2090	S	302	QA	ZG	0.00	1.28	1.24	1.28	0	-2120	-2103	S	302	QA	ZG	0.00	1.28	1.64	1.28

Fascicolo dei calcoli

0	-2129	-2120	S	302	QA	ZG	0.00	1.28	1.64	1.28	0	-2133	-2180	S	402	QA2	ZG	0.00	1.27	5.88	1.27
0	-2133	-2180	S	402	QA2	ZG	6.73	1.27	6.73	0.00	0	-2133	-2180	S	402	QA2	ZG	5.88	1.27	6.73	1.27
0	-2073	-2074	S	301	QA	ZG	0.00	0.09	1.60	0.07	0	-2073	-2074	S	311	QA	ZG	0.00	1.26	1.60	1.18
0	-2073	-2074	S	308	QA	ZG	0.00	0.00	1.60	0.08	0	-2133	-2129	S	302	QA	ZG	0.00	1.28	1.64	1.28
0	-2040	-2041	S	404	QA2	ZG	0.00	0.00	1.27	0.00	0	-2043	-2057	S	301	QA	ZG	0.00	1.45	1.05	1.45
0	-2084	-2073	S	302	QA	ZG	0.00	1.28	0.65	1.28	0	-2084	-2073	S	308	QA	ZG	0.55	1.20	0.65	0.00
0	-2084	-2073	S	308	QA	ZG	0.00	1.71	0.55	1.73	0	-2171	-2180	S	400	QA2	ZG	0.00	1.27	0.91	1.27
0	-2073	-2068	S	300	QA	ZG	0.00	1.28	1.01	1.28	0	-2073	-2068	S	301	QA	ZG	0.00	1.45	1.01	1.45
0	-2057	-2063	S	301	QA	ZG	0.00	1.45	1.10	1.45	0	-947	-948	S	--	M	ZG	0.00	0.75	3.18	0.75
0	-947	-948	S	--	M	ZG	0.00	0.75	3.18	0.75	0	-2043	-2177	S	404	QA2	ZG	0.00	1.43	5.86	1.43
0	-2043	-2177	S	406	QA2	ZG	0.00	2.11	5.97	2.11	0	-2043	-2177	S	404	QA2	ZG	5.86	1.43	5.97	1.43
0	-2094	-2104	S	303	QA	ZG	0.00	0.56	0.89	0.56	0	-2134	-2133	S	402	QA2	ZG	0.00	0.00	3.18	0.00
0	-2174	-2039	S	401	QA2	ZG	0.00	1.27	5.86	1.27	0	-2174	-2039	S	404	QA2	ZG	5.86	0.93	5.86	0.61
0	-2174	-2039	S	404	QA2	ZG	0.00	1.43	5.86	1.43	0	-2093	-2086	S	302	QA	ZG	0.00	1.28	0.81	1.28
0	-2093	-2086	S	308	QA	ZG	0.00	1.67	0.81	1.70	0	-2074	-2075	S	311	QA	ZG	0.00	1.18	0.62	1.18
0	-2074	-2075	S	311	QA	ZG	0.62	1.18	0.71	0.00	0	-2086	-2084	S	302	QA	ZG	0.00	1.28	0.21	1.28
0	-2086	-2084	S	308	QA	ZG	0.00	1.70	0.21	1.71	0	-2093	-2094	S	311	QA	ZG	0.00	1.26	1.60	1.18
0	-2093	-2094	S	311	QA	ZG	1.60	1.18	2.22	1.18	0	-2123	-2093	S	302	QA	ZG	0.00	1.28	2.94	1.28
0	-2123	-2093	S	303	QA	ZG	0.00	0.56	2.94	0.56	0	-2075	-2094	S	308	QA	ZG	0.00	1.73	0.76	1.70
0	-2075	-2094	S	312	QA	ZG	0.00	0.07	1.58	0.00	0	-2075	-2094	S	311	QA	ZG	0.00	0.00	1.58	0.07
0	-2075	-2094	S	309	QA	ZG	0.00	1.18	1.58	1.24	0	-2075	-2094	S	308	QA	ZG	0.76	1.70	1.58	1.66
0	-2075	-2076	S	312	QA	ZG	0.00	1.18	0.97	1.18	0	-2063	-2066	S	301	QA	ZG	0.00	1.45	2.00	1.45
0	-2077	-2095	S	309	QA	ZG	0.00	1.18	1.57	1.25	0	-2077	-2095	S	310	QA	ZG	0.00	1.43	1.57	1.43
0	-2077	-2078	S	313	QA	ZG	0.00	1.18	0.95	1.21	0	-2078	-2079	S	313	QA	ZG	0.00	1.21	0.95	1.24
0	-2136	-2175	S	402	QA2	ZG	0.00	1.27	5.88	1.27	0	-2136	-2175	S	403	QA2	ZG	0.00	0.55	5.88	0.55
0	-2136	-2175	S	402	QA2	ZG	0.00	0.51	0.00	1.33	0	-2136	-2175	S	402	QA2	ZG	0.00	0.18	0.00	0.51
0	-2136	-2175	S	402	QA2	ZG	0.00	0.00	0.00	0.18	0	-2094	-2095	S	312	QA	ZG	0.00	0.00	0.09	1.18
0	-2094	-2095	S	312	QA	ZG	0.09	1.18	1.66	1.18	0	-2135	-2134	S	402	QA2	ZG	0.00	0.00	1.24	0.00
0	-2116	-2124	S	303	QA	ZG	0.00	0.56	0.97	0.56	0	-2126	-2130	S	303	QA	ZG	0.00	0.56	0.61	0.56
0	-2066	-2079	S	301	QA	ZG	0.00	1.45	1.44	1.45	0	-2066	-2079	S	301	QA	ZG	1.44	1.45	1.54	1.05
0	-2136	-2123	S	302	QA	ZG	0.00	1.28	2.65	1.28	0	-2136	-2123	S	303	QA	ZG	0.00	0.56	2.65	0.56
0	-2095	-2096	S	310	QA	ZG	0.00	0.06	1.91	0.00	0	-2095	-2096	S	313	QA	ZG	0.00	1.18	1.91	1.24
0	-2076	-2077	S	312	QA	ZG	0.00	1.18	0.60	1.18	0	-2079	-2087	S	310	QA	ZG	0.00	1.43	0.76	1.43
0	-2104	-2116	S	303	QA	ZG	0.00	0.56	1.08	0.56	0	-2087	-2096	S	310	QA	ZG	0.00	1.43	0.81	1.43
0	-2087	-2096	S	310	QA	ZG	0.81	1.43	0.89	0.00	0	-2177	-2183	S	404	QA2	ZG	0.00	1.43	0.80	1.43
0	-2177	-2183	S	406	QA2	ZG	0.00	2.11	0.80	2.11	0	-2177	-2183	S	404	QA2	ZG	0.80	0.57	0.80	0.00
0	-2124	-2126	S	303	QA	ZG	0.00	0.56	0.45	0.56	0	-2183	-2164	S	405	QA2	ZG	0.00	0.00	0.00	0.93
0	-2183	-2164	S	410	QA2	ZG	0.00	2.11	0.93	2.11	0	-2183	-2164	S	405	QA2	ZG	0.85	0.88	0.93	0.88
0	-2183	-2164	S	405	QA2	ZG	0.00	1.77	0.85	1.77	0	-2130	-2141	S	303	QA	ZG	0.00	0.56	1.59	0.56
0	-2142	-2141	S	405	QA2	ZG	0.00	0.00	0.77	0.00	0	-2176	-2141	S	403	QA2	ZG	0.00	0.55	5.88	0.55
0	-2176	-2141	S	405	QA2	ZG	5.88	0.19	5.88	0.00	0	-2176	-2141	S	405	QA2	ZG	5.88	0.53	5.88	0.19
0	-2176	-2141	S	405	QA2	ZG	5.87	0.88	5.88	0.53	0	-2176	-2141	S	405	QA2	ZG	0.08	0.88	5.87	0.88
0	-2176	-2141	S	405	QA2	ZG	0.00	0.88	0.08	0.88	0	-2052	-2178	S	406	QA2	ZG	0.00	2.11	5.97	2.11
0	-2052	-2178	S	407	QA2	ZG	0.00	1.41	5.97	0.17	0	-2096	-2125	S	304	QA	ZG	0.00	0.81	3.31	0.81
0	-2143	-2142	S	405	QA2	ZG	0.00	0.00	1.37	0.00	0	-2144	-2143	S	405	QA2	ZG	0.00	0.00	1.43	0.00
0	-2125	-2132	S	304	QA	ZG	0.00	0.81	1.02	0.81	0	-2164	-2165	S	409	QA2	ZG	0.00	0.00	0.90	0.00
0	-2111	-2105	S	304	QA	ZG	0.00	0.81	0.18	0.81	0	-2165	-2166	S	409	QA2	ZG	0.00	0.00	2.36	0.00
0	-2164	-2144	S	405	QA2	ZG	0.00	0.88	5.80	0.88	0	-2164	-2144	S	409	QA2	ZG	5.80	0.18	5.80	0.00
0	-2164	-2144	S	409	QA2	ZG	5.79	0.55	5.80	0.24	0	-2164	-2144	S	409	QA2	ZG	5.79	0.65	5.79	0.55
0	-2164	-2144	S	409	QA2	ZG	1.98	0.81	5.79	0.81	0	-2164	-2144	S	409	QA2	ZG	0.96	0.81	1.98	0.81
0	-2164	-2144	S	409	QA2	ZG	0.00	0.81	0.96	0.81	0	-2105	-2098	S	304	QA	ZG	0.00	0.81	0.81	0.81
0	-2145	-2144	S	409	QA2	ZG	0.00	0.00	0.74	0.00	0	-2117	-2111	S	304	QA	ZG	0.00	0.81	0.97	0.81
0	-2147	-2146	S	409	QA2	ZG	0.00	0.00	1.28	0.00	0	-2132	-2144	S	304	QA	ZG	0.00	0.81	1.19	0.81
0	-2149	-2157	S	408	QA2	ZG	0.00	1.31	3.81	1.31	0	-2149	-2157	S	409	QA2	ZG	0.00	0.81	3.81	0.81
0	-2149	-2157	S	408	QA2	ZG	3.81	1.30	3.81	1.30	0	-2160	-2166	S	408	QA2	ZG	0.00	1.30	0.11	1.30
0	-2160	-2166	S	409	QA2	ZG	0.96	0.61	0.96	0.00	0	-2160	-2166	S	409	QA2	ZG	0.96	0.85	0.96	0.61
0	-2160	-2166	S	409	QA2	ZG	0.00	0.81	0.96	0.81	0	-2160	-2166	S	408	QA2	ZG	0.96	0.59	0.96	0.00
0	-2160	-2166	S	408	QA2	ZG	0.96	0.93	0.96	0.90	0	-2160	-2166	S	408	QA2	ZG	0.96	1.30	0.96	0.93
0	-2160	-2166	S	408	QA2	ZG	0.11	1.30	0.96	1.30	0	-2148	-2147	S	409	QA2	ZG	0.00	0.00	0.37	0.00
0	-2166	-2167	S	408	QA2	ZG	0.00	0.00	2.54	0.00	0	-2149	-2117	S	304	QA	ZG	0.00	0.81	3.56	0.81
0	-2150	-2149	S	408	QA2	ZG	0.00	0.00	1.55	0.00	0	-2151	-2150	S	408	QA2	ZG	0.00	0.00	1.25	0.00
0	-2168	-2169	S	408	QA2	ZG	0.00	0.00	0.12	0.00	0	-2169	-2170	S	408	QA2	ZG	0.00	0.00	1.51	0.00
0	-2178	-2184	S	406	QA2	ZG	0.00	2.11	0.80	2.11	0	-2178	-2184	S	407	QA2	ZG	0.00	0.17	0.80	0.00
0	-2184	-2170	S	410	QA2	ZG	0.00	2.11	0.93	2.11	0	-2184	-2170	S	415	QA2	ZG	0.00	0.00	0.93	0.19
0	-2170	-2161	S	408	QA2	ZG	0.00	1.30	0.85	1.30	0	-2170	-2161	S	415	QA2	ZG	0.00	0.19	0.85	0.37
0	-2161	-2159	S	408	QA2	ZG	0.00	1.30	0.11	1.30	0	-2161	-2159	S	414	QA2	ZG	0.00	0.37	0.19	0.41
0	-2161	-2159	S	408	QA2	ZG	0.11	1.31	0.19	1.31	0	-2158	-2152	S	408	QA2	ZG	0.00	1.31	3.81	1.31
0	-2158	-2152	S	414	QA2	ZG	0.00	0.61	3.81	1.41	0	-2158	-2152	S	408	QA2	ZG	3.81	0.64	3.81	0.00
0	-2158	-2152	S	408	QA2	ZG	3.81	0.97	3.81	0.64	0	-2158	-2152	S	408	QA2	ZG	3.81	1.37	3.81	0.97
0	-2152	-2151	S	408	QA2	ZG	0.00	0.00	2.48	0.00	0	-2083	-2179	S	411	QA2	ZG	0.00	1.39	5.35	0.00

409	-2157	-2160	S	408	QA2	ZG	0.00	1.31	0.94	1.31	409	-2157	-2160	S	409	QA2	ZG	0.00	0.81	1.02	0.81
409	-2157	-2160	S	408	QA2	ZG	0.94	1.31	1.02	1.31	410	-2159	-2158	S	408	QA2	ZG	0.00	1.31	0.94	1.31
410	-2159	-2158	S	414	QA2	ZG	0.00	0.41	0.94	0.61	410	-2159	-2158	S	408	QA2	ZG	0.94	1.30	0.94	1.30
412	-2055	-2179	S	407	QA2	ZG	0.00	1.08	7.81	0.13	412	-2055	-2179	S	411	QA2	ZG	0.00	0.95	7.81	0.00
412	-2179	-2184	S	407	QA2	ZG	0.00	0.13	1.04	0.00	412	-2179	-2184	S	412	QA2	ZG	0.00	0.26	1.04	0.00
415	-2163	-2184	S	412	QA2	ZG	0.00	0.41	1.28	0.25	415	-2163	-2184	S	415	QA2	ZG	1.11	0.15	2.32	0.00
415	-2163	-2184	S	415	QA2	ZG	0.00	0.28	1.11	0.15	415	-2163	-2184	S	415	QA2	ZG	0.00	0.08	0.00	0.30
415	-2163	-2184	S	412	QA2	ZG	1.28	0.25	2.32	0.00	415	-2156	-2163	S	413	QA2	ZG	0.00	0.79	6.49	0.00
415	-2156	-2163	S	414	QA2	ZG	6.25	0.31	6.49	0.28	415	-2156	-2163	S	414	QA2	ZG	5.01	0.46	6.25	0.31
415	-2156	-2163	S	414	QA2	ZG	0.00	1.07	5.01	0.46	415	-2156	-2163	S	414	QA2	ZG	0.00	0.61	0.00	0.87
422	-2175	-2181	S	402	QA2	ZG	0.00	1.27	0.85	1.27	422	-2175	-2181	S	403	QA2	ZG	0.00	1.10	0.85	1.10

Elenco carichi aste
Condizione di carico n. 12: Acc. Cat. A
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-456	-457	S	--	M	ZG	0.00	3.00	3.18	3.00

Elenco peso proprio elementi bidimensionali

Simbologia
Tb = Numero del tipo muro/elemento bidimensionale
Comm. = Commento
Spess. = Spessore
Mat. = Materiale
P = Peso specifico
PQ = Peso specifico per unità di superficie

Tb	Comm.	Spess. <m>	Mat.	P <kN/mc>	PQ <kN/mq>
10	M 17	0.17	Muratura in pietra Efess LC2 tabellati	21.00	3.57
25	M 15	0.15	Muratura in pietra Efess LC2 tabellati	21.00	3.15
29	M 36	0.36	Muratura in pietra Efess LC2 tabellati	21.00	7.56
36	M 12 tramezzo	0.12	Muratura in pietra Efess LC2 tabellati	21.00	2.52
59	M 15 vano scale	0.15	Muratura in pietra Efess LC2 tabellati	21.00	3.15
60	M 45 no res	0.45	Muratura in pietra Efess LC2 tabellati	21.00	9.45
63	M 65 (pietra)	0.65	Muratura in pietra Efess LC2 tabellati	21.00	13.65
64	M 60 (pietra)	0.60	Muratura in pietra Efess LC2 tabellati	21.00	12.60
65	M 40 (pietra)	0.40	Muratura in pietra Efess LC2 tabellati	21.00	8.40
66	M 32 (pietra)	0.32	Muratura in pietra Efess LC2 tabellati	21.00	6.72
67	M 55 (pietra)	0.55	Muratura in pietra Efess LC2 tabellati	21.00	11.55
68	M 45 (pietra)	0.45	Muratura in pietra Efess LC2 tabellati	21.00	9.45
69	M 50 (pietra)	0.50	Muratura in pietra Efess LC2 tabellati	21.00	10.50
76	M 60 (pietra) nc	0.60	Muratura in pietra Efess LC2 tabellati	21.00	12.60
77	M 30 sottofinestra (pietra)	0.30	Muratura in pietra Efess LC2 tabellati	21.00	6.30
80	M 15 (pietra)	0.15	Muratura in pietra Efess LC2 tabellati	21.00	3.15
81	M 30 (pietra)	0.30	Muratura in pietra Efess LC2 tabellati	21.00	6.30
82	M 25 (pietra)	0.25	Muratura in pietra Efess LC2 tabellati	21.00	5.25

Risultati del calcolo

Parametri di calcolo
La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.13, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 2015, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 08
Tipo di calcolo: analisi sismica dinamica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: trasferire all'impalcato più vicino con modifica XY baricentro

Generazione combinazioni

- Lineari: Sì
- Valuta spostamenti e non sollecitazioni: No
- buckling: No

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: No
- Uniformare i carichi variabili: No

Fascicolo dei calcoli

- Massimizzare i carichi variabili: No
- Minimo carico da considerare: 0.00 <kN/m>
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Soluzione matrice con metodo ver. 5.1: No
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Zona sismica: zona 2
- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N : 50.00
- Classe d'uso: Classe IV
- SL Esercizio: SLO No, SLD Sì
- SL Ultimi: SLV Sì, SLC No
- Classe di duttilità: Classe B
- Quota di riferimento: 0.00 <m>
- Altezza della struttura: 14.40 <m>
- Numero piani edificio: 3
- Coefficiente θ : 0.00
- Edificio regolare in altezza: Sì
- Edificio regolare in pianta: No
- Forze orizzontali convenzionali per stati limite non sismici: 1.00%
- Genera stati limite per verifiche di resistenza al fuoco: No

Dati di piano

Simbologia

- Imp. = Numero dell'impalcato
- Lx = Dimensione del piano in dir. X
- Ly = Dimensione del piano in dir. Y
- Ex = Eccentricità in dir. X
- Ey = Eccentricità in dir. Y
- Ea = Eccentricità complessiva

Imp.	Lx <m>	Ly <m>	Ex <m>	Ey <m>	Ea <m>
1	25.15	13.81	1.26	0.69	1.43
2	25.15	12.86	1.26	0.64	1.41
3	25.15	12.86	1.26	0.64	1.41

Dati di calcolo

- Tipologia edificio: muratura esistente
- Coeff. C_1 : 0.05
- Periodo T_1 : 0.36961
- Coeff. λ SLD: 1.00
- Coeff. λ SLV: 0.85
- Rapporto di sovraresistenza (α_u/α_1): 1.50
- Valore di riferimento del fattore di struttura (q_0): 2.50
- Fattore di struttura (q): 2.50
- Fattore di struttura per sisma verticale (q_v): 1.50
- Modalità di calcolo modi di vibrare: Autovalori
- Numero modi: 80
- Modi da considerare: Tali da movimentare una percentuale di massa pari a 85.00%
- Trascura modi con massa movimentata minore di: No
- Smorzamento spettro: 5.00%

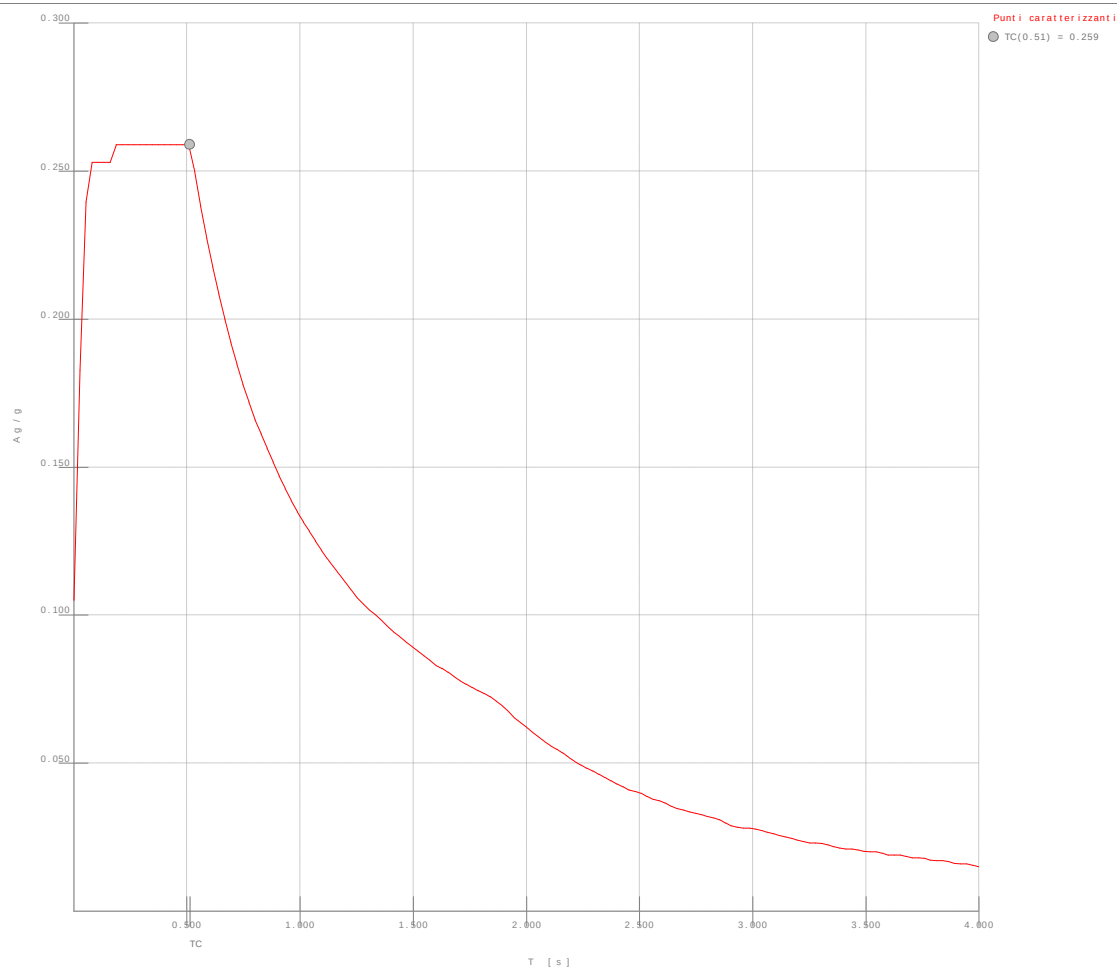


Figura numero 1: Spettro SLD

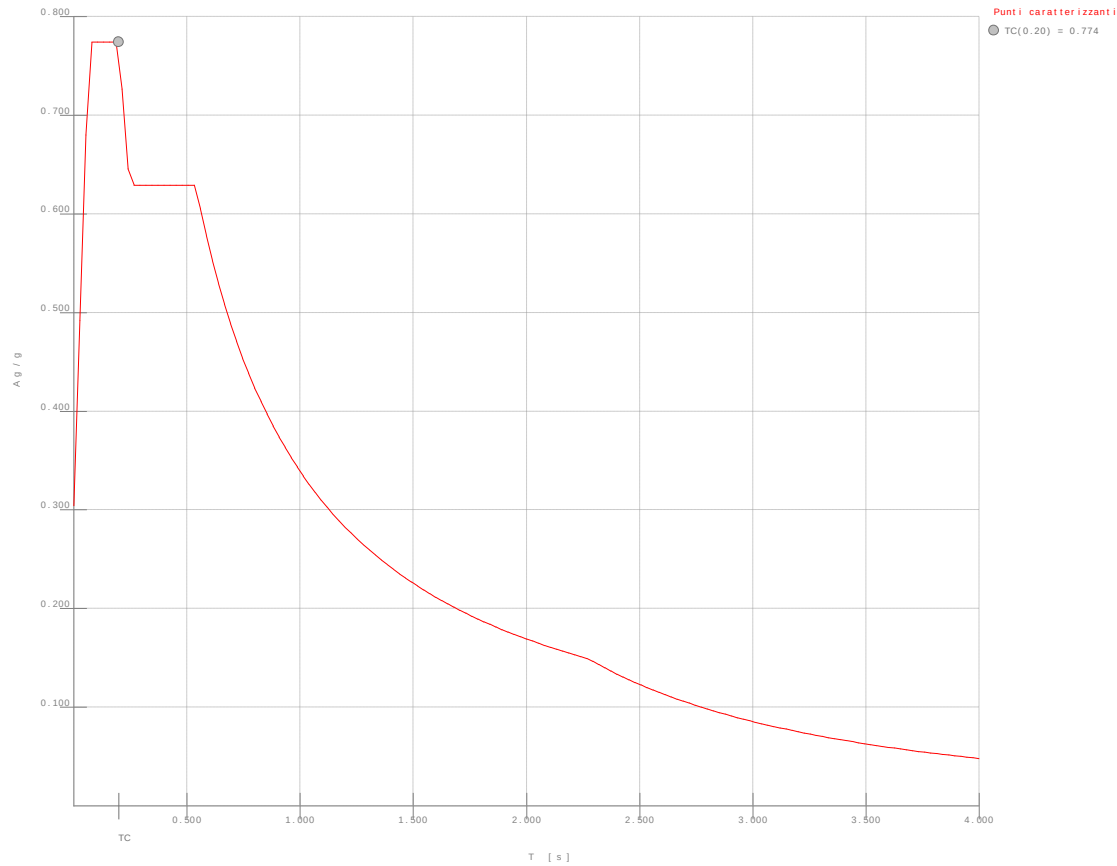


Figura numero 2: Spettro SLV

- Angolo di ingresso del sisma: 0.00 <grad>

Condizioni di carico elementari

Simbologia
 CCE = Numero della condizione di carico elementare
 Comm. = Commento
 Mx = Moltiplicatore della massa in dir. X
 My = Moltiplicatore della massa in dir. Y
 Mz = Moltiplicatore della massa in dir. Z
 Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
 Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
 Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
 Tipo CCE = Tipo di CCE per calcolo agli stati limite
 Sic. = Contributo alla sicurezza
 F = a favore
 S = a sfavore
 A = ambigua
 Var. = Tipo di variabilità
 B = di base
 I = indipendente
 A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sic.	Var.
1	Pesi propri	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
2	PP Impalcati	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
3	Portati Non Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	2	S	--
4	Acc. Cat. B	1.00	1.00	0.00	0.00	0.00	1.00	4	S	B
5	Neve	1.00	1.00	0.00	0.00	0.00	1.00	11	S	B
6	PP Scale	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
7	Permanenti Non Strutturali scale	1.00	1.00	0.00	0.00	0.00	1.00	2	S	--
8	Acc. Cat. C2	1.00	1.00	0.00	0.00	0.00	1.00	5	S	B
9	Vento X	1.00	1.00	0.00	0.00	0.00	1.00	10	S	B
10	Vento Y	1.00	1.00	0.00	0.00	0.00	1.00	10	S	B
11	Acc. Cat. H	1.00	1.00	0.00	0.00	0.00	1.00	19	S	B
12	Acc. Cat. A	1.00	1.00	0.00	0.00	0.00	1.00	3	S	B

Elenco tipi cce definiti

Simbologia
 Tipo CCE = Tipo condizione di carico elementare
 Comm. = Commento
 Tipo = Tipologia
 G = Permanente
 Q = Variabile
 I = Da ignorare
 A = Azione eccezionale
 P = Precompressione
 Durata = Durata del carico
 N = Non definita
 P = Permanente
 L = Lunga
 M = Media
 B = Breve
 I = Istantanea
 $\gamma_{min.}$ = Coeff. $\gamma_{min.}$
 γ_{max} = Coeff. γ_{max}
 ψ_0 = Coeff. ψ_0
 ψ_1 = Coeff. ψ_1
 ψ_2 = Coeff. ψ_2
 $\psi_{0,s}$ = Coeff. ψ_0 sismico (D.M. 96)

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min.}$	γ_{max}	ψ_0	ψ_1	ψ_2	$\psi_{0,s}$
10	D.M. 08 Variabili Vento	Q	N	0.00	1.50	0.60	0.20	0.00	0.00
1	D.M. 08 Permanenti strutturali	G	N	1.00	1.30				
2	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				
4	D.M. 08 Variabili Categoria B Uffici	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
11	D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	Q	N	0.00	1.50	0.50	0.20	0.00	0.00
5	D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
19	D.M. 08 Variabili Categoria H - Coperture	Q	N	0.00	1.50	0.00	0.00	0.00	1.00
3	D.M. 08 Variabili Categoria A Ambienti ad uso residenziale	Q	N	0.00	1.50	0.70	0.50	0.30	0.00

Ambienti di carico

Simbologia
 N Numero
 Comm. Commento
 9 Vento X

- 1

Pesi propri
- 2

PP Impalcati
- 3

Portati Non Strutturali
- 4

Acc. Cat. B
- 5

Neve
- 6

PP Scale
- 7

Permanenti Non Strutturali scale
- 8

Acc. Cat. C2
- 9

Vento X
- 10

Vento Y
- 11

Acc. Cat. H
- 12

Acc. Cat. A
- F

azioni orizzontali convenzionali
- SLU

Stato limite ultimo
- SLR

Stato limite per combinazioni rare
- SLF

Stato limite per combinazioni frequenti
- SLQ/D

Stato limite per combinazioni quasi permanenti o di danno

N	Comm.	1	2	3	4	5	6	7	8	9	10	11	12	F	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	No	Sì	Sì	No	No	No
2	Calcolo statico	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	Sì	No	Sì	No	No	No

Elenco combinazioni di carico simboliche

- Simbologia

CC

= Numero della combinazione delle condizioni di carico elementari

Comm.

= Commento

TCC

= Tipo di combinazione di carico

SLU

= Stato limite ultimo

SLU S

= Stato limite ultimo (azione sismica)

SLE R

= Stato limite d'esercizio, combinazione rara

SLE F

= Stato limite d'esercizio, combinazione frequente

SLE Q

= Stato limite d'esercizio, combinazione quasi permanente

SLD

= Stato limite di danno

SLV

= Stato limite di salvaguardia della vita

SLC

= Stato limite di prevenzione del collasso

SLO

= Stato limite di operatività

SLU I

= Stato limite di resistenza al fuoco

CC	Comm.	TCC	1	2	3	4	5	6	7	8	9	10	11	12	F	S
1	Amb. 1 (Sisma)	SLU S	1	1	1	Ψ_2	Ψ_2	1	1	Ψ_2	Ψ_2	Ψ_2	Ψ_2	Ψ_2	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	γ max	γ max	γ max	γ max	γ max	γ max	γ max	γ max	γ max	1	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: No

Considera sollecitazioni dinamiche con segno dei modi principali: No

Combinazioni delle cce

- Simbologia

CC

= Numero della combinazione delle condizioni di carico elementari

Comm.

= Commento

TCC

= Tipo di combinazione di carico

SLU

= Stato limite ultimo

SLU S

= Stato limite ultimo (azione sismica)

SLE R

= Stato limite d'esercizio, combinazione rara

SLE F

= Stato limite d'esercizio, combinazione frequente

SLE Q

= Stato limite d'esercizio, combinazione quasi permanente

SLD

= Stato limite di danno

SLV

= Stato limite di salvaguardia della vita

SLC

= Stato limite di prevenzione del collasso

SLO

= Stato limite di operatività

SLU I

= Stato limite di resistenza al fuoco

An.

= Tipo di analisi

L

= Lineare

NL

= Non lineare

Bk

= buckling

S

= Sì

N

= No

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	8	9	10	11	12	F X	F Y	±S X	±S Y
1	CC 1 - Amb. 1 (SLU S) S +X+0.3Y	SLV	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	1.00	0.30
2	CC 2 - Amb. 1 (SLE) S +X+0.3Y	SLD	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	1.00	0.30
3	CC 3 - Amb. 1 (SLU S) S +X-0.3Y	SLV	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	1.00	-0.30
4	CC 4 - Amb. 1 (SLE) S +X-0.3Y	SLD	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	1.00	-0.30
5	CC 5 - Amb. 1 (SLU S) S +0.3X+Y	SLV	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	0.30	1.00
6	CC 6 - Amb. 1 (SLE) S +0.3X+Y	SLD	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	0.30	1.00
7	CC 7 - Amb. 1 (SLU S) S -0.3X+Y	SLV	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	-0.30	1.00
8	CC 8 - Amb. 1 (SLE) S -0.3X+Y	SLD	L	N	1.00	1.00	1.00	0.30	0.00	1.00	1.00	0.60	0.00	0.00	0.00	0.30	0.00	0.00	-0.30	1.00
9	CC 9 - Amb. 2 (SLU) F X	SLU	L	N	1.30	1.30	1.50	1.50	1.50	1.30	1.50	1.50	1.50	1.50	1.50	1.50	1.00	0.00	0.00	0.00
10	CC 10 - Amb. 2 (SLU) F -X	SLU	L	N	1.30	1.30	1.50	1.50	1.50	1.30	1.50	1.50	1.50	1.50	1.50	1.50	-1.00	0.00	0.00	0.00
11	CC 11 - Amb. 2 (SLU) F Y	SLU	L	N	1.30	1.30	1.50	1.50	1.50	1.30	1.50	1.50	1.50	1.50	1.50	1.50	0.00	1.00	0.00	0.00
12	CC 12 - Amb. 2 (SLU) F -Y	SLU	L	N	1.30	1.30	1.50	1.50	1.50	1.30	1.50	1.50	1.50	1.50	1.50	1.50	0.00	-1.00	0.00	0.00

Elenco masse nodi

Simbologia

Nodo = Numero del nodo

Mo = Massa orizzontale

Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-2184	1625.76	-2183	1906.87	-2182	66.74	-2181	1132.86	-2180	4660.77	-2179	3838.95
-2178	5316.38	-2177	5776.60	-2176	2694.48	-2175	3699.88	-2174	4837.64	-2173	1287.71
-2172	1471.05	-2171	4478.93	-2170	1947.17	-2169	615.90	-2168	460.97	-2167	1375.32
-2166	2610.06	-2165	1231.76	-2164	4301.04	-2163	3066.09	-2162	273.12	-2161	842.33
-2160	1083.66	-2159	559.52	-2158	2514.82	-2157	2465.18	-2156	1982.64	-2155	377.41
-2154	153.96	-2153	113.73	-2152	2181.80	-2151	347.89	-2150	260.59	-2149	2657.19
-2148	45.36	-2147	72.88	-2146	65.80	-2145	42.08	-2144	2206.64	-2143	112.59
-2142	85.78	-2141	1992.20	-2140	18.56	-2139	45.79	-2138	48.46	-2137	39.74
-2136	3320.17	-2135	86.11	-2134	195.23	-2133	2603.99	-2132	897.02	-2131	456.07
-2130	756.70	-2129	2076.39	-2128	324.07	-2127	17.22	-2126	365.89	-2125	1763.53
-2124	488.72	-2123	3111.54	-2122	335.94	-2121	193.82	-2120	2076.39	-2119	42.14
-2118	160.18	-2117	1291.51	-2116	706.02	-2115	37.49	-2114	32.51	-2113	70.86
-2112	80.73	-2111	313.85	-2110	1558.06	-2109	1335.83	-2108	2830.67	-2107	564.46
-2106	693.16	-2105	496.95	-2104	676.82	-2103	1822.78	-2102	1212.72	-2101	754.99
-2100	565.09	-2099	1686.01	-2098	2420.43	-2097	1263.13	-2096	2470.16	-2095	962.05
-2094	3900.94	-2093	2260.22	-2092	75.11	-2091	430.81	-2090	1221.36	-2089	64.04
-2088	671.31	-2087	993.10	-2086	403.22	-2085	931.25	-2084	339.12	-2083	2070.01
-2082	1527.56	-2081	1432.23	-2080	973.07	-2079	1348.71	-2078	258.46	-2077	651.02
-2076	207.95	-2075	709.18	-2074	336.47	-2073	1214.94	-2072	1219.31	-2071	1610.85
-2070	2017.26	-2069	1354.30	-2068	2392.15	-2067	239.38	-2066	1788.09	-2065	2157.82
-2064	407.52	-2063	1565.97	-2062	1580.65	-2061	2303.30	-2060	2157.82	-2059	739.86
-2058	792.21	-2057	1086.07	-2056	823.58	-2055	2428.32	-2054	213.85	-2053	123.30
-2052	3638.63	-2051	149.31	-2050	91.76	-2049	104.52	-2048	106.97	-2047	45.84
-2046	77.13	-2045	77.13	-2044	44.49	-2043	4156.16	-2042	90.95	-2041	82.36
-2040	164.70	-2039	3462.59	-2038	83.45	-2037	199.56	-2036	2463.15	-2035	1116.86
-2034	789.65	-2033	322.11	-2032	125.89	-2031	697.83	-2030	671.56	-2029	503.00
-2028	922.11	-2027	185.15	-2026	297.47	-2025	268.63	-2024	171.81	-2023	543.69
-2022	289.93	-2021	180.61	-2020	377.53	-2019	75.80	-2018	70.23	-2017	81.13
-2016	162.26	-2015	595.10	-2014	351.55	-2013	796.86	-2012	868.82	-2011	325.25
-2010	302.39	-2009	288.78	-2008	591.03	-2007	214.87	-2006	70.31	-2005	139.64
-2004	639.44	-2003	186.51	-2002	733.60	-2001	222.73	-2000	791.45	-1999	591.03
-1998	172.09	-1997	106.20	-1996	668.20	-1995	269.44	-1994	99.81	-1993	132.75
-1992	289.36	-1991	69.82	-1990	169.63	-1989	450.88	-1988	605.76	-1987	465.46
-1986	141.61	-1985	216.83	-1984	146.03	-1983	258.30	-1982	518.85	-1981	414.49
-1980	240.43	-1979	179.96	-1978	536.92	-1977	586.98	-1976	128.23	-1975	762.18
-1974	388.56	-1973	409.82	-1972	616.05	-1971	306.48	-1970	131.28	-1969	269.08
-1968	261.41	-1967	171.11	-1966	243.38	-1965	135.05	-1964	201.69	-1963	113.42
-1962	626.90	-1961	690.33	-1960	603.30	-1959	328.94	-1958	386.22	-1957	93.91
-1956	164.22	-1955	77.19	-1954	160.17	-1953	113.75	-1952	482.35	-1951	601.82
-1950	570.85	-1949	646.46	-1948	529.55	-1947	458.91	-1946	454.32	-1945	522.17
-1944	671.26	-1943	773.42	-1942	457.27	-1941	618.05	-1940	441.86	-1939	671.26
-1938	141.93	-1937	309.76	-1936	317.14	-1935	158.00	-1934	1189.06	-1933	873.23
-1932	503.49	-1931	760.64	-1930	609.69	-1929	374.67	-1928	426.79	-1927	436.81
-1926	187.17	-1925	314.94	-1924	314.94	-1923	181.68	-1922	547.36	-1921	371.38
-1920	336.23	-1919	672.46	-1918	684.02	-1917	340.74	-1916	814.89	-1915	919.75
-1914	1276.42	-1913	902.45	-1912	368.12	-1911	102.33	-1910	755.98	-1909	767.50
-1908	574.85	-1907	1053.84	-1906	211.60	-1905	339.96	-1904	307.00	-1903	196.36
-1902	621.36	-1901	268.50	-1900	143.57	-1899	431.47	-1898	86.63	-1897	36.99
-1896	49.45	-1895	185.44	-1894	680.12	-1893	401.77	-1892	910.70	-1891	992.94
-1890	371.71	-1889	345.58	-1888	330.04	-1887	675.47	-1886	245.56	-1885	415.55
-1884	159.59	-1883	730.78	-1882	213.16	-1881	838.39	-1880	254.55	-1879	904.51
-1878	675.47	-1877	1017.09	-1876	121.38	-1875	708.18	-1874	307.94	-1873	114.07
-1872	151.72	-1871	330.69	-1870	79.79	-1869	138.38	-1868	515.29	-1867	692.29
-1866	531.96	-1865	161.84	-1864	247.81	-1863	166.89	-1862	295.20	-1861	592.97
-1860	461.25	-1859	274.78	-1858	205.66	-1857	613.63	-1856	670.83	-1855	132.82
-1854	765.13	-1853	818.09	-1852	354.45	-1851	656.09	-1850	350.27	-1849	127.41
-1848	307.51	-1847	298.76	-1846	185.38	-1845	183.78	-1844	154.34	-1843	230.51
-1842	129.62	-1841	716.46	-1840	788.95	-1839	689.49	-1838	375.93	-1837	397.92
-1836	107.33	-1835	153.65	-1834	88.22	-1833	152.97	-1832	130.00	-1831	551.25
-1830	687.80	-1829	652.40	-1828	738.81	-1827	605.20	-1826	524.47	-1825	519.22
-1824	596.77	-1823	767.15	-1822	883.91	-1821	522.59	-1820	706.34	-1819	504.99
-1818	767.15	-1817	162.21	-1816	354.01	-1815	362.44	-1814	180.57	-1813	1358.93
-1812	997.98	-1811	575.41	-1810	869.30	-1809	696.79	-1808	428.19	-1807	487.75
-1806	499.21	-1805	213.90	-1804	359.93	-1803	359.93	-1802	207.63	-1801	625.56
-1800	424.44	-1799	384.26	-1798	768.53	-1797	781.73	-1796	389.41	-1795	931.30
-1794	1051.15	-1793	2297.55	-1792	1236.17	-1791	274.38	-1790	432.00	-1789	1608.56
-1788	1006.79	-1787	660.03	-1786	1896.91	-1785	380.88	-1784	226.70	-1783	167.36
-1782	353.44	-1781	1118.45	-1780	858.15	-1779	633.27	-1778	776.64	-1777	155.94
-1776	324.67	-1775	347.09	-1774	333.79	-1773	1224.21	-1772	350.00	-1771	1266.05
-1770	1787.29	-1769	669.09	-1768	622.05	-1767	594.07	-1766	1215.84	-1765	347.89

-1764	287.26	-1763	1315.41	-1762	383.68	-1761	1509.11	-1760	364.07	-1759	1628.13
-1758	1215.84	-1757	201.24	-1756	1080.25	-1755	554.28	-1754	38.70	-1753	51.48
-1752	595.25	-1751	71.40	-1750	54.62	-1749	927.52	-1748	1246.13	-1747	839.33
-1746	54.91	-1745	327.86	-1744	300.41	-1743	531.36	-1742	694.52	-1741	786.58
-1740	494.60	-1739	370.20	-1738	1104.53	-1737	1207.49	-1736	190.97	-1735	1005.90
-1734	238.71	-1733	834.43	-1732	422.81	-1731	150.03	-1730	253.72	-1729	101.36
-1728	298.05	-1727	52.37	-1726	736.80	-1725	186.25	-1724	1060.89	-1723	1420.10
-1722	989.90	-1721	425.50	-1720	1001.36	-1719	189.74	-1718	125.98	-1717	126.26
-1716	90.31	-1715	234.00	-1714	681.99	-1713	1591.62	-1712	2085.34	-1711	2361.55
-1710	1089.35	-1709	399.02	-1708	597.51	-1707	1907.52	-1706	2452.16	-1705	1253.96
-1704	1670.43	-1703	1271.41	-1702	171.33	-1701	2452.16	-1700	99.36	-1699	637.22
-1698	1158.52	-1697	325.02	-1696	2446.06	-1695	1369.54	-1694	608.92	-1693	1564.74
-1692	833.96	-1691	546.66	-1690	1559.07	-1689	1595.70	-1688	683.73	-1687	299.15
-1686	299.15	-1685	663.69	-1684	1999.55	-1683	1356.69	-1682	477.70	-1681	999.62
-1680	1407.12	-1679	315.71	-1678	2223.32	-1677	3359.91	-1676	3646.90	-1675	1819.04
-1674	207.77	-1673	552.21	-1672	1879.34	-1671	1037.46	-1670	646.33	-1669	2139.67
-1668	429.62	-1667	154.78	-1666	87.85	-1665	398.68	-1664	2052.79	-1663	1066.18
-1662	812.52	-1661	1937.65	-1660	175.89	-1659	433.83	-1658	459.12	-1657	376.51
-1656	1380.88	-1655	297.01	-1654	1872.02	-1653	2836.97	-1652	2226.96	-1651	701.66
-1650	2140.67	-1649	1929.91	-1648	367.75	-1647	3320.23	-1646	4715.12	-1645	432.79
-1644	1702.24	-1643	386.01	-1642	2584.33	-1641	1929.91	-1640	222.48	-1639	1218.49
-1638	625.22	-1637	944.84	-1636	61.61	-1635	61.61	-1634	2194.37	-1633	4290.07
-1632	1288.68	-1631	338.85	-1630	338.85	-1629	599.36	-1628	964.95	-1627	887.24
-1626	557.90	-1625	417.57	-1624	1245.88	-1623	1362.02	-1622	215.40	-1621	1134.64
-1620	269.25	-1619	894.48	-1618	1011.77	-1617	169.24	-1616	336.19	-1615	197.76
-1614	2738.93	-1613	4595.00	-1612	1478.67	-1611	414.15	-1610	81.00	-1609	263.94
-1608	687.98	-1607	1228.76	-1606	307.29	-1605	824.16	-1604	1866.13	-1603	1434.13
-1602	61.61	-1601	718.77	-1600	366.61	-1599	3882.64	-1598	2016.51	-1597	575.02
-1596	1764.99	-1595	830.58	-1594	1027.01	-1593	1587.20	-1592	255.18	-1591	142.90
-1590	379.79	-1589	1292.56	-1588	713.54	-1587	444.53	-1586	1471.61	-1585	295.49
-1584	106.46	-1583	60.42	-1582	274.20	-1581	867.69	-1580	733.29	-1579	558.83
-1578	602.51	-1577	120.97	-1576	152.30	-1575	169.70	-1574	258.95	-1573	949.74
-1572	204.28	-1571	519.07	-1570	482.58	-1569	460.88	-1568	252.93	-1567	222.85
-1566	1020.49	-1565	297.66	-1564	1170.76	-1563	265.49	-1562	153.01	-1561	838.05
-1560	430.01	-1559	42.37	-1558	42.37	-1557	233.05	-1556	233.05	-1555	412.22
-1554	610.23	-1553	383.71	-1552	287.20	-1551	856.88	-1550	936.77	-1549	148.15
-1548	780.38	-1547	185.19	-1546	615.20	-1545	116.40	-1544	231.22	-1543	136.01
-1542	284.84	-1541	55.71	-1540	181.53	-1539	473.18	-1538	845.11	-1537	211.34
-1536	986.36	-1535	42.37	-1534	494.36	-1533	252.15	-1532	395.49	-1531	1213.92
-1530	571.25	-1529	706.36	-1528	1091.64	-1527	175.51	-1526	2055.94	-1525	1025.48
-1524	106.54	-1523	283.14	-1522	963.63	-1521	531.96	-1520	331.41	-1519	1097.12
-1518	220.29	-1517	79.37	-1516	45.05	-1515	204.42	-1514	646.88	-1513	546.69
-1512	416.62	-1511	449.19	-1510	90.19	-1509	38.51	-1508	51.48	-1507	193.05
-1506	708.05	-1505	152.29	-1504	1055.35	-1503	1599.34	-1502	386.98	-1501	359.78
-1500	343.59	-1499	1087.98	-1498	188.57	-1497	166.14	-1496	760.80	-1495	221.91
-1494	872.83	-1493	197.93	-1492	1456.92	-1491	1087.98	-1490	114.08	-1489	624.79
-1488	320.58	-1487	532.65	-1486	31.59	-1485	31.59	-1484	829.98	-1483	1115.09
-1482	726.50	-1481	173.75	-1480	173.75	-1479	307.32	-1478	543.99	-1477	454.94
-1476	286.07	-1475	214.11	-1474	638.83	-1473	698.38	-1472	110.45	-1471	581.79
-1470	138.06	-1469	458.64	-1468	816.40	-1467	86.78	-1466	160.58	-1465	172.38
-1464	707.99	-1463	101.40	-1462	1383.00	-1461	1270.77	-1460	833.60	-1459	212.36
-1458	962.20	-1457	164.82	-1456	103.56	-1455	103.56	-1454	41.54	-1453	135.34
-1452	352.77	-1451	1460.13	-1450	2003.79	-1449	2269.20	-1448	630.05	-1447	157.56
-1446	514.07	-1445	1832.92	-1444	2356.26	-1443	1101.48	-1442	1605.10	-1441	735.35
-1440	2356.26	-1439	31.59	-1438	368.55	-1437	1113.22	-1436	187.98	-1435	2188.84
-1434	1168.12	-1433	326.15	-1432	905.00	-1431	487.53	-1430	493.13	-1429	1498.10
-1428	1533.30	-1427	656.99	-1426	254.16	-1425	254.16	-1424	637.73	-1423	1921.35
-1422	1303.64	-1421	404.07	-1420	557.31	-1419	813.84	-1418	161.67	-1417	2081.22
-1416	3228.52	-1415	1677.58	-1414	1129.13	-1413	426.87	-1412	357.45	-1411	1216.53
-1410	953.74	-1409	700.55	-1408	1385.04	-1407	278.10	-1406	390.30	-1405	346.97
-1404	258.07	-1403	816.64	-1402	407.88	-1401	243.68	-1400	567.07	-1399	113.86
-1398	154.63	-1397	171.00	-1396	243.72	-1395	893.87	-1394	473.30	-1393	1142.17
-1392	1305.01	-1391	488.54	-1390	454.20	-1389	433.76	-1388	887.76	-1387	238.05
-1386	209.74	-1385	960.46	-1384	280.15	-1383	1101.89	-1382	249.87	-1381	1188.79
-1380	887.76	-1379	144.01	-1378	788.75	-1377	404.72	-1376	434.63	-1375	39.88
-1374	39.88	-1373	677.23	-1372	909.87	-1371	592.79	-1370	219.34	-1369	219.34
-1368	387.98	-1367	597.02	-1366	1546.80	-1365	1367.30	-1364	1023.38	-1363	3053.38
-1362	3906.33	-1361	2196.27	-1360	1640.49	-1359	174.29	-1358	579.01	-1357	337.52
-1356	182.90	-1355	221.85	-1354	250.59	-1353	302.95	-1352	128.01	-1351	799.84
-1350	1036.90	-1349	680.19	-1348	268.09	-1347	717.70	-1346	70.53	-1345	44.31
-1344	44.31	-1343	52.44	-1342	170.86	-1341	445.34	-1340	624.80	-1339	857.44
-1338	971.00	-1337	795.40	-1336	198.91	-1335	682.40	-1334	784.32	-1333	1008.26
-1332	1161.71	-1331	686.84	-1330	928.34	-1329	1008.26	-1328	39.88	-1327	465.27
-1326	476.35	-1325	237.31	-1324	1786.02	-1323	1119.61	-1322	564.24	-1321	2265.95
-1320	2829.33	-1319	1738.68	-1318	1980.55	-1317	2027.08	-1316	868.57	-1315	1461.52
-1314	1461.52	-1313	879.48	-1312	1258.58	-1311	557.84	-1310	348.09	-1309	853.13
-1308	1027.42	-1307	354.25	-1306	1066.44	-1305	1381.51	-1304	4700.80	-1303	1984.23
-1302	809.39	-1301	597.99	-1300	3719.17	-1299	1687.49	-1298	1293.08	-1297	5553.94
-1296	477.64	-1295	747.48	-1294	675.00	-1293	431.73	-1292	1790.88	-1291	619.86

-1290	331.45	-1289	1150.48	-1288	199.99	-1287	385.53	-1286	408.85	-1285	407.72
-1284	3254.73	-1283	883.38	-1282	2002.35	-1281	3083.21	-1280	1552.65	-1279	3135.23
-1278	975.80	-1277	3285.22	-1276	2156.92	-1275	443.39	-1274	471.84	-1273	3052.48
-1272	630.23	-1271	5550.94	-1270	2238.48	-1269	4667.07	-1268	3285.22	-1267	1085.22
-1266	1088.17	-1265	5124.81	-1264	910.46	-1263	909.40	-1262	1050.30	-1261	1209.55
-1260	1706.30	-1259	669.51	-1258	668.61	-1257	1306.10	-1256	1458.76	-1255	3159.00
-1254	647.40	-1253	1157.79	-1252	1255.53	-1251	872.80	-1250	2756.35	-1249	1455.05
-1248	579.00	-1247	433.37	-1246	1293.00	-1245	2046.21	-1244	161.21	-1243	6179.55
-1242	1968.85	-1241	4545.20	-1240	4321.12	-1239	457.55	-1238	316.14	-1237	1368.02
-1236	412.05	-1235	1121.10	-1234	1648.51	-1233	2245.02	-1232	4682.30	-1231	5726.39
-1230	1288.86	-1229	682.54	-1228	2597.41	-1227	437.91	-1226	928.53	-1225	343.35
-1224	998.69	-1223	661.13	-1222	2897.62	-1221	1215.64	-1220	1374.69	-1219	3105.37
-1218	1275.23	-1217	4851.54	-1216	1141.61	-1215	3450.89	-1214	3731.16	-1213	1943.46
-1212	3022.32	-1211	1488.36	-1210	4511.04	-1209	3731.16	-1208	1482.40	-1207	745.96
-1206	2096.13	-1205	1811.62	-1204	4949.41	-1203	4807.19	-1202	2703.68	-1201	2644.79
-1200	1468.23	-1199	902.26	-1198	1027.77	-1197	1051.92	-1196	450.73	-1195	758.43
-1194	758.43	-1193	450.85	-1192	2009.92	-1191	933.22	-1190	713.53	-1189	1558.42
-1188	2895.69	-1187	724.34	-1186	1915.78	-1185	3333.36	-1184	2048.90	-1183	1448.61
-1182	590.91	-1181	436.57	-1180	1453.02	-1179	1231.98	-1178	965.33	-1177	1672.03
-1176	357.77	-1175	545.71	-1174	492.79	-1173	315.19	-1172	1013.78	-1171	474.10
-1170	253.51	-1169	691.73	-1168	152.96	-1167	348.92	-1166	362.98	-1165	297.66
-1164	1038.50	-1163	644.93	-1162	1461.84	-1161	1593.86	-1160	546.95	-1159	508.50
-1158	485.63	-1157	1084.26	-1156	361.33	-1155	258.86	-1154	234.82	-1153	1075.30
-1152	313.65	-1151	1233.64	-1150	374.56	-1149	1451.92	-1148	1084.26	-1147	633.57
-1146	178.60	-1145	1022.79	-1144	453.11	-1143	167.85	-1142	240.61	-1141	223.25
-1140	530.83	-1139	117.41	-1138	145.52	-1137	794.86	-1136	1018.66	-1135	851.09
-1134	238.13	-1133	296.29	-1132	245.57	-1131	434.36	-1130	951.82	-1129	697.02
-1128	404.32	-1127	302.62	-1126	902.91	-1125	830.97	-1124	1354.17	-1123	704.81
-1122	533.28	-1121	1046.12	-1120	334.04	-1119	220.76	-1118	493.62	-1117	287.74
-1116	370.01	-1115	416.73	-1114	862.39	-1113	1160.88	-1112	964.92	-1111	253.01
-1110	349.75	-1109	870.24	-1108	157.93	-1107	229.59	-1106	129.81	-1105	228.19
-1104	191.28	-1103	856.88	-1102	1012.04	-1101	959.96	-1100	1162.25	-1099	890.50
-1098	868.18	-1097	833.45	-1096	878.10	-1095	1231.43	-1094	1418.85	-1093	768.96
-1092	1039.33	-1091	835.93	-1090	1231.43	-1089	268.51	-1088	520.90	-1087	533.31
-1086	298.90	-1085	2086.93	-1084	1468.46	-1083	846.68	-1082	1279.11	-1081	1025.27
-1080	630.05	-1079	717.70	-1078	734.56	-1077	314.75	-1076	529.62	-1075	529.62
-1074	325.00	-1073	980.46	-1072	681.31	-1071	616.82	-1070	1233.64	-1069	1262.37
-1068	625.08	-1067	1494.92	-1066	1687.29	-1065	3172.81	-1064	1717.18	-1063	388.99
-1062	676.05	-1061	2250.07	-1060	1400.07	-1059	987.15	-1058	2589.21	-1057	554.02
-1056	323.07	-1055	241.13	-1054	488.09	-1053	1569.89	-1052	910.95	-1051	558.68
-1050	774.47	-1049	1071.17	-1048	236.87	-1047	540.32	-1046	562.09	-1045	460.95
-1044	1608.17	-1043	493.03	-1042	971.81	-1041	1276.64	-1040	846.98	-1039	604.95
-1038	752.02	-1037	868.46	-1036	114.01	-1035	363.63	-1034	1665.15	-1033	485.69
-1032	1910.34	-1031	118.19	-1030	2248.36	-1029	868.46	-1028	56.35	-1027	1482.80
-1026	701.65	-1025	52.96	-1024	174.81	-1023	160.16	-1022	822.01	-1021	181.82
-1020	91.91	-1019	1230.88	-1018	1577.44	-1017	1173.52	-1016	185.25	-1015	419.73
-1014	343.57	-1013	672.63	-1012	563.50	-1011	1079.36	-1010	626.11	-1009	132.19
-1008	1061.76	-1007	1286.80	-1006	1402.49	-1005	302.17	-1004	1084.44	-1003	1108.58
-1002	219.52	-1001	259.23	-1000	90.79	-999	572.98	-998	131.49	-997	1926.75
-996	1797.67	-995	1494.21	-994	391.80	-993	309.16	-992	1159.22	-991	352.90
-990	287.31	-989	290.08	-988	310.41	-987	427.45	-986	1005.60	-985	1181.83
-984	1486.53	-983	1799.80	-982	1378.98	-981	1940.05	-980	1290.63	-979	1962.22
-978	1906.93	-977	2197.15	-976	1194.70	-975	1288.31	-974	1449.08	-973	1906.93
-972	84.73	-971	816.76	-970	820.67	-969	571.54	-968	3231.70	-967	1743.83
-966	1311.00	-965	3607.60	-964	1831.26	-963	716.58	-962	2024.18	-961	2071.74
-960	887.70	-959	395.49	-958	395.49	-957	916.64	-956	2765.28	-955	1921.55
-954	683.40	-953	1947.47	-952	2820.93	-951	584.40	-950	1792.96	-949	2612.85
-948	5647.90	-947	6316.35	-946	1336.90	-945	1336.90	-944	668.45	-943	436.79
-942	1069.07	-941	632.28	-940	5132.19	-939	2559.88	-938	411.46	-937	1093.55
-936	3639.62	-935	2054.52	-934	1386.61	-933	4188.18	-932	896.15	-931	306.52
-930	173.97	-929	789.51	-928	3330.59	-927	1546.69	-926	1134.96	-925	1410.83
-924	2794.31	-923	383.15	-922	513.30	-921	548.52	-920	745.61	-919	2601.30
-918	588.18	-917	2123.89	-916	3218.67	-915	2842.28	-914	903.00	-913	2687.01
-912	2189.57	-911	3733.77	-910	6034.66	-909	785.64	-908	3090.08	-907	3636.85
-906	2189.57	-905	2399.01	-904	1134.96	-903	182.26	-902	1329.65	-901	294.10
-900	252.00	-899	2713.14	-898	4972.79	-897	1838.45	-896	223.68	-895	662.75
-894	540.56	-893	1088.02	-892	1094.78	-891	1745.93	-890	1012.76	-889	74.56
-888	1578.19	-887	2081.46	-886	2059.71	-885	488.78	-884	1623.74	-883	2037.96
-882	304.45	-881	210.22	-880	926.82	-879	4083.52	-878	5326.58	-877	2416.97
-876	633.76	-875	403.87	-874	1752.15	-873	2404.55	-872	2911.28	-871	2230.58
-870	2087.67	-869	3084.56	-868	3554.01	-867	1950.98	-866	3084.56	-865	5227.46
-864	2601.30	-863	2684.15	-862	4226.43	-861	1154.64	-860	395.58	-859	322.06
-858	325.16	-857	347.94	-856	479.14	-855	959.63	-854	2174.66	-853	2199.51
-852	1242.66	-851	1547.11	-850	622.88	-849	2033.83	-848	3162.05	-847	505.34
-846	4396.18	-845	2379.16	-844	538.85	-843	936.72	-842	3117.66	-841	1939.78
-840	1367.65	-839	3587.55	-838	767.64	-837	632.47	-836	518.93	-835	676.29
-834	2175.20	-833	1199.60	-832	576.28	-831	937.87	-830	1484.20	-829	328.20
-828	264.06	-827	294.22	-826	638.68	-825	2228.24	-824	683.01	-823	2435.81
-822	3419.84	-821	1173.56	-820	773.50	-819	1041.98	-818	2326.41	-817	503.84

Fascicolo dei calcoli

-816	2307.19	-815	672.97	-814	2646.93	-813	3115.29	-812	2326.41	-811	2066.81
-810	972.20	-809	156.12	-808	1138.96	-807	251.92	-806	204.02	-805	1705.48
-804	2185.67	-803	1574.79	-802	191.60	-801	567.71	-800	463.04	-799	931.99
-798	1521.19	-797	1495.54	-796	867.52	-795	63.87	-794	1351.86	-793	1782.96
-792	1764.33	-791	418.68	-790	1390.88	-789	1326.66	-788	260.79	-787	538.06
-786	793.90	-785	2460.30	-784	2490.81	-783	2070.35	-782	542.88	-781	345.95
-780	672.79	-779	230.50	-778	187.66	-777	189.47	-776	202.74	-775	279.19
-774	559.17	-773	1500.87	-772	2059.71	-771	2493.77	-770	1910.69	-769	1267.14
-768	1788.27	-767	1281.63	-766	2642.20	-765	3044.33	-764	724.08	-763	1671.19
-762	901.48	-761	2642.20	-760	879.98	-759	879.98	-758	362.95	-757	4477.78
-756	2416.09	-755	1595.82	-754	4321.66	-753	2218.67	-752	883.36	-751	2424.84
-750	2481.81	-749	1063.41	-748	308.04	-747	308.04	-746	1098.07	-745	3312.63
-744	2301.90	-743	843.51	-742	1369.32	-741	1842.49	-740	479.41	-739	2484.17
-738	3620.31	-737	6009.47	-736	4298.73	-735	1646.63	-734	1320.37	-733	5098.41
-732	3501.49	-731	2614.67	-730	7041.14	-729	554.95	-728	866.17	-727	782.18
-726	500.29	-725	2272.28	-724	752.52	-723	402.38	-722	1168.28	-721	242.79
-720	429.92	-719	452.24	-718	472.47	-717	3777.79	-716	1723.99	-715	4134.68
-714	4752.43	-713	2102.13	-712	2493.40	-711	868.25	-710	3586.54	-709	1548.13
-708	336.73	-707	444.47	-706	4132.75	-705	638.22	-704	6443.77	-703	1604.81
-702	4122.48	-701	3756.05	-700	824.16	-699	818.35	-698	6376.87	-697	922.00
-696	719.15	-695	966.95	-694	1507.19	-693	605.65	-692	1488.30	-691	2113.01
-690	3858.59	-689	5128.24	-688	1207.94	-687	1180.73	-686	1397.70	-685	883.87
-684	3273.75	-683	2594.01	-682	1847.73	-681	1144.55	-680	3887.83	-679	5787.64
-678	8228.16	-677	1548.52	-676	274.26	-675	240.94	-674	4389.48	-673	5139.72
-672	530.20	-671	352.88	-670	1619.23	-669	1136.62	-668	1480.57	-667	189.50
-666	2854.12	-665	4124.25	-664	5492.49	-663	1356.38	-662	1264.67	-661	2823.04
-660	3423.67	-659	1724.78	-658	4220.02	-657	4933.68	-656	1693.06	-655	1946.14
-654	1386.53	-653	2107.39	-652	2088.73	-651	3753.26	-650	1342.42	-649	4553.28
-648	4961.98	-647	4037.65	-646	4951.67	-645	4790.70	-644	2583.56	-643	4129.73
-642	5145.79	-641	3713.81	-640	4398.21	-639	5132.08	-638	4267.63	-637	5557.30
-636	4430.81	-635	3713.81	-634	1249.92	-633	2669.69	-632	2881.35	-631	1605.90
-630	6471.91	-629	4368.05	-628	2438.99	-627	4527.81	-626	2878.75	-625	1697.75
-624	2481.25	-623	5257.78	-622	706.93	-621	806.44	-620	806.44	-619	729.98
-618	3881.94	-617	2450.20	-616	1744.20	-615	3672.64	-614	4492.38	-613	1659.65
-612	4226.50	-611	5003.12	-608	2521.34	-607	1782.64	-606	727.16	-605	537.24
-604	1786.71	-603	653.23	-602	944.54	-601	481.19	-600	171.03	-599	177.87
-598	1100.40	-597	1025.63	-596	1746.01	-595	1753.94	-594	1516.05	-593	1135.52
-592	1899.29	-591	354.70	-590	389.34	-589	351.59	-588	351.95	-587	1219.72
-586	583.42	-585	311.96	-584	569.15	-583	188.24	-582	429.38	-581	446.68
-580	366.30	-579	1305.67	-578	793.64	-577	1798.92	-576	1910.06	-575	621.29
-574	577.62	-573	206.86	-572	1231.63	-571	410.44	-570	134.31	-569	142.53
-568	1221.46	-567	267.21	-566	1852.61	-565	425.47	-564	1231.63	-563	328.73
-562	216.96	-561	1276.40	-560	386.02	-559	190.66	-558	239.50	-557	133.37
-556	324.03	-555	1157.12	-554	966.77	-553	270.50	-552	336.56	-551	278.95
-550	370.05	-549	1081.20	-548	791.76	-547	459.28	-546	343.75	-545	1025.63
-544	1746.02	-543	1854.12	-542	446.05	-541	104.68	-540	87.65	-539	908.54
-538	1898.31	-537	304.69	-536	560.72	-535	420.30	-534	351.41	-533	206.07
-532	1318.67	-531	1096.07	-530	287.40	-529	306.75	-528	619.51	-527	745.74
-526	375.69	-525	1223.80	-524	1327.58	-523	538.17	-522	523.91	-521	442.37
-520	559.27	-519	461.99	-518	836.74	-517	250.82	-516	604.43	-515	756.53
-514	1320.23	-513	1011.54	-512	986.18	-511	941.10	-510	997.45	-509	1398.81
-508	1169.33	-507	873.48	-506	1180.60	-505	949.55	-504	1398.81	-503	305.01
-502	591.71	-501	605.80	-500	339.53	-499	2568.14	-498	1807.06	-497	1041.91
-496	1549.40	-495	1261.68	-494	775.33	-493	883.18	-492	1566.08	-491	340.17
-490	377.86	-489	377.86	-488	352.80	-487	1181.89	-486	838.41	-485	759.04
-484	1518.10	-483	1529.91	-482	769.22	-481	1839.62	-480	2018.07	-479	2891.28
-478	1662.77	-477	452.43	-476	616.06	-475	2011.29	-474	1370.37	-473	934.01
-472	2177.96	-471	306.62	-470	346.77	-469	1398.68	-468	797.20	-467	308.54
-466	276.90	-465	454.27	-464	652.66	-463	215.85	-462	238.83	-461	187.71
-460	349.08	-459	1497.24	-458	543.44	-457	9671.32	-456	10665.40	-455	712.45
-454	662.37	-453	237.22	-452	2412.38	-451	470.66	-450	154.01	-449	163.44
-448	1400.67	-447	306.41	-446	2124.43	-445	487.89	-444	1668.91	-443	2412.38
-442	376.96	-441	248.79	-440	1463.68	-439	442.66	-438	218.64	-437	274.64
-436	369.12	-435	152.94	-434	371.57	-433	1083.13	-432	1326.90	-431	953.96
-430	113.67	-429	344.08	-428	319.88	-427	424.35	-426	2117.73	-425	598.83
-424	193.00	-423	369.63	-422	1176.12	-421	1082.41	-420	1071.10	-419	277.87
-418	54.93	-417	35.40	-416	943.34	-415	1983.89	-414	662.73	-413	158.32
-412	466.71	-411	1098.27	-410	823.24	-409	358.73	-408	485.38	-407	45.24
-406	1383.62	-405	1512.14	-404	1089.03	-403	120.78	-402	310.81	-401	710.40
-400	702.32	-399	412.19	-398	1173.69	-397	1376.97	-396	1054.11	-395	858.19
-394	866.47	-393	927.18	-392	391.84	-391	1125.85	-390	209.71	-389	579.49
-388	2585.92	-387	1159.96	-386	1931.62	-385	1125.16	-384	1843.32	-383	1953.70
-382	2739.84	-381	1951.24	-380	2290.35	-379	1573.11	-378	1353.82	-377	1478.41
-376	2739.84	-375	128.17	-374	678.53	-373	1048.82	-372	577.25	-371	2944.95
-370	1687.81	-369	810.40	-368	1776.73	-367	1068.33	-366	717.16	-365	1729.88
-364	3067.47	-363	538.88	-362	563.61	-361	2314.95	-360	1642.18	-359	688.39
-358	2175.14	-357	2996.62	-356	705.19	-355	2801.77	-354	3952.77	-353	326.24
-352	2107.07	-351	819.75	-350	458.18	-349	411.19	-348	479.91	-347	1675.64
-346	203.07	-345	86.72	-344	289.79	-343	1408.59	-342	311.74	-341	2075.01

-340	1693.75	-339	3198.98	-338	4533.68	-337	288.27	-336	1998.64	-335	344.64
-334	327.41	-333	1007.68	-332	33.30	-331	887.48	-330	1866.41	-329	3878.98
-328	1934.79	-327	310.99	-326	826.52	-325	2698.37	-324	1552.84	-323	967.40
-322	2921.99	-321	411.37	-320	888.65	-319	631.45	-318	654.56	-317	1944.19
-316	333.78	-315	1963.69	-314	293.32	-313	368.46	-312	200.37	-311	205.18
-310	498.51	-309	1970.63	-308	3923.55	-307	1159.82	-306	429.15	-305	429.15
-304	563.53	-303	476.83	-302	1577.89	-301	1452.18	-300	889.13	-299	212.41
-298	596.15	-297	598.32	-296	60.69	-295	2309.96	-294	4161.01	-293	1330.80
-292	385.22	-291	953.09	-290	823.62	-289	1556.22	-288	1470.00	-287	2578.28
-286	1816.31	-285	910.32	-284	3950.99	-283	1966.10	-282	788.95	-281	2383.69
-280	1139.58	-279	206.63	-278	505.73	-277	372.80	-276	73.69	-275	245.54
-274	990.37	-273	616.98	-272	230.73	-271	195.37	-270	361.20	-269	462.13
-268	152.84	-267	65.27	-266	218.11	-265	1060.16	-264	234.63	-263	348.90
-262	167.97	-261	115.73	-260	836.21	-259	216.96	-258	1504.26	-257	147.95
-256	134.98	-255	758.42	-254	25.06	-253	667.95	-252	1404.74	-251	4417.73
-250	2203.51	-249	354.18	-248	941.32	-247	3073.15	-246	2244.90	-245	1578.16
-244	3327.82	-243	468.51	-242	423.31	-241	1707.37	-240	1063.65	-239	480.38
-238	419.43	-237	622.70	-236	796.70	-235	263.49	-234	440.64	-233	419.95
-232	467.85	-231	1827.69	-230	878.97	-229	3682.44	-228	4734.34	-227	601.49
-226	1012.07	-225	289.57	-224	3052.76	-223	719.15	-222	157.46	-221	199.51
-220	1441.60	-219	374.04	-218	2593.30	-217	745.48	-216	2214.21	-215	3052.76
-214	385.39	-213	380.14	-212	2236.43	-211	255.06	-210	334.06	-209	419.64
-208	228.20	-207	233.68	-206	567.75	-205	1213.39	-204	1585.85	-203	1320.90
-202	488.76	-201	488.76	-200	232.71	-199	2679.90	-198	641.80	-197	543.06
-196	1797.05	-195	1653.88	-194	1307.50	-193	284.09	-192	56.16	-191	43.21
-190	1151.53	-189	2421.74	-188	1012.62	-187	241.91	-186	683.12	-185	1389.81
-184	1041.77	-183	453.96	-182	688.76	-181	69.12	-180	1561.33	-179	1780.58
-178	1515.64	-177	438.72	-176	1085.46	-175	938.02	-174	409.73	-173	1485.26
-172	1742.49	-171	1333.93	-170	1086.00	-169	1096.48	-168	1173.30	-167	495.86
-166	1424.72	-165	265.38	-164	733.31	-163	3272.36	-162	1772.36	-161	2444.38
-160	1674.17	-159	2332.64	-158	2472.32	-157	3467.14	-156	2936.37	-155	2898.34
-154	1943.09	-153	2068.57	-152	1739.00	-151	3467.14	-150	1036.75	-149	1279.61
-148	700.14	-147	4499.73	-146	2736.61	-145	1395.97	-144	2714.76	-143	1787.64
-142	1120.29	-141	2189.09	-140	3881.75	-139	681.93	-138	713.23	-137	2929.46
-136	2078.10	-135	1083.05	-134	2964.47	-133	3792.09	-132	1105.14	-131	3758.27
-130	5002.06	-129	126.27	-128	309.06	-127	227.82	-126	45.03		

Totali masse nodi

Mo
<kg>
2351670.00

Elenco pesi e forze fittizie nodi

Simbologia

Nodo = Numero del nodo

Peso = Peso

Fx = Forza in dir. X

Fy = Forza in dir. Y

Nodo	Peso <kN>	Fx <kN>	Fy <kN>	Nodo	Peso <kN>	Fx <kN>	Fy <kN>	Nodo	Peso <kN>	Fx <kN>	Fy <kN>	Nodo	Peso <kN>	Fx <kN>	Fy <kN>
-2184	22.25	0.22	0.22	-2183	27.70	0.28	0.28	-2182	0.66	0.01	0.01	-2181	17.36	0.17	0.17
-2180	59.25	0.59	0.59	-2179	54.01	0.54	0.54	-2178	77.06	0.77	0.77	-2177	90.15	0.90	0.90
-2176	38.18	0.38	0.38	-2175	54.03	0.54	0.54	-2174	72.99	0.73	0.73	-2173	12.63	0.13	0.13
-2172	14.43	0.14	0.14	-2171	55.93	0.56	0.56	-2170	23.86	0.24	0.24	-2169	6.04	0.06	0.06
-2168	4.52	0.05	0.05	-2167	13.49	0.13	0.13	-2166	28.44	0.28	0.28	-2165	12.08	0.12	0.12
-2164	60.73	0.61	0.61	-2163	45.17	0.45	0.45	-2162	2.68	0.03	0.03	-2161	10.62	0.11	0.11
-2160	16.47	0.16	0.16	-2159	8.29	0.08	0.08	-2158	38.70	0.39	0.39	-2157	38.41	0.38	0.38
-2156	31.58	0.32	0.32	-2155	3.70	0.04	0.04	-2154	1.51	0.02	0.02	-2153	1.12	0.01	0.01
-2152	34.42	0.34	0.34	-2151	3.41	0.03	0.03	-2150	2.56	0.03	0.03	-2149	38.75	0.39	0.39
-2148	0.45	0.00	0.00	-2147	0.72	0.01	0.01	-2146	0.65	0.01	0.01	-2145	0.41	0.00	0.00
-2144	35.79	0.36	0.36	-2143	1.11	0.01	0.01	-2142	0.84	0.01	0.01	-2141	31.73	0.32	0.32
-2140	0.18	0.00	0.00	-2139	0.45	0.00	0.00	-2138	0.48	0.00	0.00	-2137	0.39	0.00	0.00
-2136	49.92	0.50	0.50	-2135	0.84	0.01	0.01	-2134	1.92	0.02	0.02	-2133	38.52	0.39	0.39
-2132	9.70	0.10	0.10	-2131	4.47	0.04	0.04	-2130	8.03	0.08	0.08	-2129	22.47	0.22	0.22
-2128	3.18	0.03	0.03	-2127	0.17	0.00	0.00	-2126	3.88	0.04	0.04	-2125	19.07	0.19	0.19
-2124	5.19	0.05	0.05	-2123	35.66	0.36	0.36	-2122	3.30	0.03	0.03	-2121	1.90	0.02	0.02
-2120	22.47	0.22	0.22	-2119	0.41	0.00	0.00	-2118	1.57	0.02	0.02	-2117	14.52	0.15	0.15
-2116	7.50	0.07	0.07	-2115	0.37	0.00	0.00	-2114	0.32	0.00	0.00	-2113	0.70	0.01	0.01
-2112	0.79	0.01	0.01	-2111	3.55	0.04	0.04	-2110	23.83	0.24	0.24	-2109	13.10	0.13	0.13
-2108	31.04	0.31	0.31	-2107	6.40	0.06	0.06	-2106	7.23	0.07	0.07	-2105	5.28	0.05	0.05
-2104	7.19	0.07	0.07	-2103	19.73	0.20	0.20	-2102	11.90	0.12	0.12	-2101	7.41	0.07	0.07
-2100	5.54	0.06	0.06	-2099	16.54	0.17	0.17	-2098	24.07	0.24	0.24	-2097	12.39	0.12	0.12
-2096	27.35	0.27	0.27	-2095	13.69	0.14	0.14	-2094	47.76	0.48	0.48	-2093	27.44	0.27	0.27
-2092	0.74	0.01	0.01	-2091	4.23	0.04	0.04	-2090	12.94	0.13	0.13	-2089	0.63	0.01	0.01
-2088	6.59	0.07	0.07	-2087	10.92	0.11	0.11	-2086	5.49	0.05	0.05	-2085	9.85	0.10	0.10
-2084	4.62	0.05	0.05	-2083	31.69	0.32	0.32	-2082	14.99	0.15	0.15	-2081	14.05	0.14	0.14
-2080	9.55	0.10	0.10	-2079	15.46	0.15	0.15	-2078	3.69	0.04	0.04	-2077	9.38	0.09	0.09

-2076	2.97	0.03	0.03	-2075	10.24	0.10	0.10	-2074	4.79	0.05	0.05	-2073	15.24	0.15	0.15
-2072	11.96	0.12	0.12	-2071	15.80	0.16	0.16	-2070	21.54	0.22	0.22	-2069	13.29	0.13	0.13
-2068	28.24	0.28	0.28	-2067	2.35	0.02	0.02	-2066	20.10	0.20	0.20	-2065	23.56	0.24	0.24
-2064	4.00	0.04	0.04	-2063	17.61	0.18	0.18	-2062	15.51	0.16	0.16	-2061	27.20	0.27	0.27
-2060	23.56	0.24	0.24	-2059	8.74	0.09	0.09	-2058	7.77	0.08	0.08	-2057	12.21	0.12	0.12
-2056	9.72	0.10	0.10	-2055	39.04	0.39	0.39	-2054	2.10	0.02	0.02	-2053	1.21	0.01	0.01
-2052	61.59	0.62	0.62	-2051	1.46	0.01	0.01	-2050	0.90	0.01	0.01	-2049	1.03	0.01	0.01
-2048	1.05	0.01	0.01	-2047	0.45	0.00	0.00	-2046	0.76	0.01	0.01	-2045	0.76	0.01	0.01
-2044	0.44	0.00	0.00	-2043	71.07	0.71	0.71	-2042	0.89	0.01	0.01	-2041	0.81	0.01	0.01
-2040	1.62	0.02	0.02	-2039	57.44	0.57	0.57	-2038	0.82	0.01	0.01	-2037	1.96	0.02	0.02
-2036	35.74	0.36	0.36	-2035	10.96	0.11	0.11	-2034	7.75	0.08	0.08	-2033	3.16	0.03	0.03
-2032	1.24	0.01	0.01	-2031	6.85	0.07	0.07	-2030	6.59	0.07	0.07	-2029	4.93	0.05	0.05
-2028	9.05	0.09	0.09	-2027	1.82	0.02	0.02	-2026	2.92	0.03	0.03	-2025	2.64	0.03	0.03
-2024	1.69	0.02	0.02	-2023	5.33	0.05	0.05	-2022	2.84	0.03	0.03	-2021	1.77	0.02	0.02
-2020	3.70	0.04	0.04	-2019	0.74	0.01	0.01	-2018	0.69	0.01	0.01	-2017	0.80	0.01	0.01
-2016	1.59	0.02	0.02	-2015	5.84	0.06	0.06	-2014	3.45	0.03	0.03	-2013	7.82	0.08	0.08
-2012	8.52	0.09	0.09	-2011	3.19	0.03	0.03	-2010	2.97	0.03	0.03	-2009	2.83	0.03	0.03
-2008	5.80	0.06	0.06	-2007	2.11	0.02	0.02	-2006	0.69	0.01	0.01	-2005	1.37	0.01	0.01
-2004	6.27	0.06	0.06	-2003	1.83	0.02	0.02	-2002	7.20	0.07	0.07	-2001	2.19	0.02	0.02
-2000	7.76	0.08	0.08	-1999	5.80	0.06	0.06	-1998	1.69	0.02	0.02	-1997	1.04	0.01	0.01
-1996	6.56	0.07	0.07	-1995	2.64	0.03	0.03	-1994	0.98	0.01	0.01	-1993	1.30	0.01	0.01
-1992	2.84	0.03	0.03	-1991	0.68	0.01	0.01	-1990	1.66	0.02	0.02	-1989	4.42	0.04	0.04
-1988	5.94	0.06	0.06	-1987	4.57	0.05	0.05	-1986	1.39	0.01	0.01	-1985	2.13	0.02	0.02
-1984	1.43	0.01	0.01	-1983	2.53	0.03	0.03	-1982	5.09	0.05	0.05	-1981	4.07	0.04	0.04
-1980	2.36	0.02	0.02	-1979	1.77	0.02	0.02	-1978	5.27	0.05	0.05	-1977	5.76	0.06	0.06
-1976	1.26	0.01	0.01	-1975	7.48	0.07	0.07	-1974	3.81	0.04	0.04	-1973	4.02	0.04	0.04
-1972	6.04	0.06	0.06	-1971	3.01	0.03	0.03	-1970	1.29	0.01	0.01	-1969	2.64	0.03	0.03
-1968	2.56	0.03	0.03	-1967	1.68	0.02	0.02	-1966	2.39	0.02	0.02	-1965	1.32	0.01	0.01
-1964	1.98	0.02	0.02	-1963	1.11	0.01	0.01	-1962	6.15	0.06	0.06	-1961	6.77	0.07	0.07
-1960	5.92	0.06	0.06	-1959	3.23	0.03	0.03	-1958	3.79	0.04	0.04	-1957	0.92	0.01	0.01
-1956	1.61	0.02	0.02	-1955	0.76	0.01	0.01	-1954	1.57	0.02	0.02	-1953	1.12	0.01	0.01
-1952	4.73	0.05	0.05	-1951	5.90	0.06	0.06	-1950	5.60	0.06	0.06	-1949	6.34	0.06	0.06
-1948	5.19	0.05	0.05	-1947	4.50	0.05	0.05	-1946	4.46	0.04	0.04	-1945	5.12	0.05	0.05
-1944	6.59	0.07	0.07	-1943	7.59	0.08	0.08	-1942	4.49	0.04	0.04	-1941	6.06	0.06	0.06
-1940	4.33	0.04	0.04	-1939	6.59	0.07	0.07	-1938	1.39	0.01	0.01	-1937	3.04	0.03	0.03
-1936	3.11	0.03	0.03	-1935	1.55	0.02	0.02	-1934	11.66	0.12	0.12	-1933	8.57	0.09	0.09
-1932	4.94	0.05	0.05	-1931	7.46	0.07	0.07	-1930	5.98	0.06	0.06	-1929	3.68	0.04	0.04
-1928	4.19	0.04	0.04	-1927	4.29	0.04	0.04	-1926	1.84	0.02	0.02	-1925	3.09	0.03	0.03
-1924	3.09	0.03	0.03	-1923	1.78	0.02	0.02	-1922	5.37	0.05	0.05	-1921	3.64	0.04	0.04
-1920	3.30	0.03	0.03	-1919	6.60	0.07	0.07	-1918	6.71	0.07	0.07	-1917	3.34	0.03	0.03
-1916	7.99	0.08	0.08	-1915	9.02	0.09	0.09	-1914	12.52	0.13	0.13	-1913	8.85	0.09	0.09
-1912	3.61	0.04	0.04	-1911	1.00	0.01	0.01	-1910	7.42	0.07	0.07	-1909	7.53	0.08	0.08
-1908	5.64	0.06	0.06	-1907	10.34	0.10	0.10	-1906	2.08	0.02	0.02	-1905	3.34	0.03	0.03
-1904	3.01	0.03	0.03	-1903	1.93	0.02	0.02	-1902	6.10	0.06	0.06	-1901	2.63	0.03	0.03
-1900	1.41	0.01	0.01	-1899	4.23	0.04	0.04	-1898	0.85	0.01	0.01	-1897	0.36	0.00	0.00
-1896	0.49	0.00	0.00	-1895	1.82	0.02	0.02	-1894	6.67	0.07	0.07	-1893	3.94	0.04	0.04
-1892	8.93	0.09	0.09	-1891	9.74	0.10	0.10	-1890	3.65	0.04	0.04	-1889	3.39	0.03	0.03
-1888	3.24	0.03	0.03	-1887	6.63	0.07	0.07	-1886	2.41	0.02	0.02	-1885	4.08	0.04	0.04
-1884	1.57	0.02	0.02	-1883	7.17	0.07	0.07	-1882	2.09	0.02	0.02	-1881	8.22	0.08	0.08
-1880	2.50	0.02	0.02	-1879	8.87	0.09	0.09	-1878	6.63	0.07	0.07	-1877	9.98	0.10	0.10
-1876	1.19	0.01	0.01	-1875	6.95	0.07	0.07	-1874	3.02	0.03	0.03	-1873	1.12	0.01	0.01
-1872	1.49	0.01	0.01	-1871	3.24	0.03	0.03	-1870	0.78	0.01	0.01	-1869	1.36	0.01	0.01
-1868	5.05	0.05	0.05	-1867	6.79	0.07	0.07	-1866	5.22	0.05	0.05	-1865	1.59	0.02	0.02
-1864	2.43	0.02	0.02	-1863	1.64	0.02	0.02	-1862	2.90	0.03	0.03	-1861	5.82	0.06	0.06
-1860	4.52	0.05	0.05	-1859	2.70	0.03	0.03	-1858	2.02	0.02	0.02	-1857	6.02	0.06	0.06
-1856	6.58	0.07	0.07	-1855	1.30	0.01	0.01	-1854	7.51	0.08	0.08	-1853	8.03	0.08	0.08
-1852	3.48	0.03	0.03	-1851	6.44	0.06	0.06	-1850	3.44	0.03	0.03	-1849	1.25	0.01	0.01
-1848	3.02	0.03	0.03	-1847	2.93	0.03	0.03	-1846	1.82	0.02	0.02	-1845	1.80	0.02	0.02
-1844	1.51	0.02	0.02	-1843	2.26	0.02	0.02	-1842	1.27	0.01	0.01	-1841	7.03	0.07	0.07
-1840	7.74	0.08	0.08	-1839	6.76	0.07	0.07	-1838	3.69	0.04	0.04	-1837	3.90	0.04	0.04
-1836	1.05	0.01	0.01	-1835	1.51	0.02	0.02	-1834	0.87	0.01	0.01	-1833	1.50	0.02	0.02
-1832	1.28	0.01	0.01	-1831	5.41	0.05	0.05	-1830	6.75	0.07	0.07	-1829	6.40	0.06	0.06
-1828	7.25	0.07	0.07	-1827	5.94	0.06	0.06	-1826	5.14	0.05	0.05	-1825	5.09	0.05	0.05
-1824	5.85	0.06	0.06	-1823	7.53	0.08	0.08	-1822	8.67	0.09	0.09	-1821	5.13	0.05	0.05
-1820	6.93	0.07	0.07	-1819	4.95	0.05	0.05	-1818	7.53	0.08	0.08	-1817	1.59	0.02	0.02
-1816	3.47	0.03	0.03	-1815	3.56	0.04	0.04	-1814	1.77	0.02	0.02	-1813	13.33	0.13	0.13
-1812	9.79	0.10	0.10	-1811	5.64	0.06	0.06	-1810	8.53	0.09	0.09	-1809	6.84	0.07	0.07
-1808	4.20	0.04	0.04	-1807	4.78	0.05	0.05	-1806	4.90	0.05	0.05	-1805	2.10	0.02	0.02
-1804	3.53	0.04	0.04	-1803	3.53	0.04	0.04	-1802	2.04	0.02	0.02	-1801	6.14	0.06	0.06
-1800	4.16	0.04	0.04	-1799	3.77	0.04	0.04	-1798	7.54	0.08	0.08	-1797	7.67	0.08	0.08
-1796	3.82	0.04	0.04	-1795	9.14	0.09	0.09	-1794	10.31	0.10	0.10	-1793	22.54	0.23	0.23
-1792	12.13	0.12	0.12	-1791	2.69	0.03	0.03	-1790	4.24	0.04	0.04	-1789	15.78	0.16	0.16
-1788	9.88	0.10	0.10	-1787	6.47	0.06	0.06	-1786	18.61	0.19	0.19	-1785	3.74	0.04	0.04
-1784	2.22	0.02	0.02	-1783	1.64	0.02	0.02	-1782	3.47	0.03	0.03	-1781	10.97	0.11	0.11
-1780	8.42	0.08	0.08	-1779	6.21	0.06	0.06	-1778	7.62	0.08	0.08	-1777	1.53	0.02	0.02
-1776	3.18	0.03	0.03	-1775	3.40	0.03	0.03	-1774	3.27	0.03	0.03	-1773	12.01	0.12	0.12
-1772	3.43	0.03	0.03	-1771	12.42	0.12	0.12	-1770	17.53	0.18	0.18	-1769	6.56	0.07	0.07
-1768	6.10	0.06	0.06	-1767	5.83	0.06	0.06	-1766	11.93	0.12	0.12	-1765	3.41	0.03	0.03
-1764	2.82	0.03	0.03	-1763	12.90	0.13	0.13	-1762	3.76	0.04	0.04	-1761	14.80	0.15	0.15

-1760	3.57	0.04	0.04	-1759	15.97	0.16	0.16	-1758	11.93	0.12	0.12	-1757	1.97	0.02	0.02
-1756	10.60	0.11	0.11	-1755	5.44	0.05	0.05	-1754	0.38	0.00	0.00	-1753	0.50	0.01	0.01
-1752	5.84	0.06	0.06	-1751	0.70	0.01	0.01	-1750	0.54	0.01	0.01	-1749	9.10	0.09	0.09
-1748	12.22	0.12	0.12	-1747	8.23	0.08	0.08	-1746	0.54	0.01	0.01	-1745	3.22	0.03	0.03
-1744	2.95	0.03	0.03	-1743	5.21	0.05	0.05	-1742	6.81	0.07	0.07	-1741	7.72	0.08	0.08
-1740	4.85	0.05	0.05	-1739	3.63	0.04	0.04	-1738	10.84	0.11	0.11	-1737	11.85	0.12	0.12
-1736	1.87	0.02	0.02	-1735	9.87	0.10	0.10	-1734	2.34	0.02	0.02	-1733	8.19	0.08	0.08
-1732	4.15	0.04	0.04	-1731	1.47	0.01	0.01	-1730	2.49	0.02	0.02	-1729	0.99	0.01	0.01
-1728	2.92	0.03	0.03	-1727	0.51	0.01	0.01	-1726	7.23	0.07	0.07	-1725	1.83	0.02	0.02
-1724	10.41	0.10	0.10	-1723	13.93	0.14	0.14	-1722	9.71	0.10	0.10	-1721	4.17	0.04	0.04
-1720	9.82	0.10	0.10	-1719	1.86	0.02	0.02	-1718	1.24	0.01	0.01	-1717	1.24	0.01	0.01
-1716	0.89	0.01	0.01	-1715	2.30	0.02	0.02	-1714	6.69	0.07	0.07	-1713	15.61	0.16	0.16
-1712	20.46	0.20	0.20	-1711	23.17	0.23	0.23	-1710	10.69	0.11	0.11	-1709	3.91	0.04	0.04
-1708	5.86	0.06	0.06	-1707	18.71	0.19	0.19	-1706	24.06	0.24	0.24	-1705	12.30	0.12	0.12
-1704	16.39	0.16	0.16	-1703	12.47	0.12	0.12	-1702	1.68	0.02	0.02	-1701	24.06	0.24	0.24
-1700	0.97	0.01	0.01	-1699	6.25	0.06	0.06	-1698	11.37	0.11	0.11	-1697	3.19	0.03	0.03
-1696	24.00	0.24	0.24	-1695	13.44	0.13	0.13	-1694	5.97	0.06	0.06	-1693	15.35	0.15	0.15
-1692	8.18	0.08	0.08	-1691	5.36	0.05	0.05	-1690	15.29	0.15	0.15	-1689	15.65	0.16	0.16
-1688	6.71	0.07	0.07	-1687	2.93	0.03	0.03	-1686	2.93	0.03	0.03	-1685	6.51	0.07	0.07
-1684	19.62	0.20	0.20	-1683	13.31	0.13	0.13	-1682	4.69	0.05	0.05	-1681	9.81	0.10	0.10
-1680	13.80	0.14	0.14	-1679	3.10	0.03	0.03	-1678	21.81	0.22	0.22	-1677	32.96	0.33	0.33
-1676	35.78	0.36	0.36	-1675	17.84	0.18	0.18	-1674	2.04	0.02	0.02	-1673	5.42	0.05	0.05
-1672	18.44	0.18	0.18	-1671	10.18	0.10	0.10	-1670	6.34	0.06	0.06	-1669	20.99	0.21	0.21
-1668	4.21	0.04	0.04	-1667	1.52	0.02	0.02	-1666	0.86	0.01	0.01	-1665	3.91	0.04	0.04
-1664	21.56	0.22	0.22	-1663	10.46	0.10	0.10	-1662	7.97	0.08	0.08	-1661	20.92	0.21	0.21
-1660	1.73	0.02	0.02	-1659	4.26	0.04	0.04	-1658	4.50	0.05	0.05	-1657	3.69	0.04	0.04
-1656	13.55	0.14	0.14	-1655	2.91	0.03	0.03	-1654	18.36	0.18	0.18	-1653	27.83	0.28	0.28
-1652	24.49	0.24	0.24	-1651	6.88	0.07	0.07	-1650	23.64	0.24	0.24	-1649	18.93	0.19	0.19
-1648	3.61	0.04	0.04	-1647	37.96	0.38	0.38	-1646	52.06	0.52	0.52	-1645	4.25	0.04	0.04
-1644	16.70	0.17	0.17	-1643	3.79	0.04	0.04	-1642	25.35	0.25	0.25	-1641	18.93	0.19	0.19
-1640	2.18	0.02	0.02	-1639	11.95	0.12	0.12	-1638	6.13	0.06	0.06	-1637	9.27	0.09	0.09
-1636	0.60	0.01	0.01	-1635	0.60	0.01	0.01	-1634	22.81	0.23	0.23	-1633	46.21	0.46	0.46
-1632	12.64	0.13	0.13	-1631	3.32	0.03	0.03	-1630	3.32	0.03	0.03	-1629	5.88	0.06	0.06
-1628	9.47	0.09	0.09	-1627	8.70	0.09	0.09	-1626	5.47	0.05	0.05	-1625	4.10	0.04	0.04
-1624	12.22	0.12	0.12	-1623	13.36	0.13	0.13	-1622	2.11	0.02	0.02	-1621	11.13	0.11	0.11
-1620	2.64	0.03	0.03	-1619	8.77	0.09	0.09	-1618	9.93	0.10	0.10	-1617	1.66	0.02	0.02
-1616	3.30	0.03	0.03	-1615	1.94	0.02	0.02	-1614	28.16	0.28	0.28	-1613	49.25	0.49	0.49
-1612	14.51	0.15	0.15	-1611	4.06	0.04	0.04	-1610	0.79	0.01	0.01	-1609	2.59	0.03	0.03
-1608	6.75	0.07	0.07	-1607	12.05	0.12	0.12	-1606	3.01	0.03	0.03	-1605	8.08	0.08	0.08
-1604	18.31	0.18	0.18	-1603	14.07	0.14	0.14	-1602	0.60	0.01	0.01	-1601	7.05	0.07	0.07
-1600	3.60	0.04	0.04	-1599	38.09	0.38	0.38	-1598	19.78	0.20	0.20	-1597	5.64	0.06	0.06
-1596	17.31	0.17	0.17	-1595	8.15	0.08	0.08	-1594	10.07	0.10	0.10	-1593	15.57	0.16	0.16
-1592	2.50	0.03	0.03	-1591	1.40	0.01	0.01	-1590	3.73	0.04	0.04	-1589	12.68	0.13	0.13
-1588	7.00	0.07	0.07	-1587	4.36	0.04	0.04	-1586	14.44	0.14	0.14	-1585	2.90	0.03	0.03
-1584	1.04	0.01	0.01	-1583	0.59	0.01	0.01	-1582	2.69	0.03	0.03	-1581	8.51	0.09	0.09
-1580	7.19	0.07	0.07	-1579	5.48	0.05	0.05	-1578	5.91	0.06	0.06	-1577	1.19	0.01	0.01
-1576	1.49	0.01	0.01	-1575	1.66	0.02	0.02	-1574	2.54	0.03	0.03	-1573	9.32	0.09	0.09
-1572	2.00	0.02	0.02	-1571	5.09	0.05	0.05	-1570	4.73	0.05	0.05	-1569	4.52	0.05	0.05
-1568	2.48	0.02	0.02	-1567	2.19	0.02	0.02	-1566	10.01	0.10	0.10	-1565	2.92	0.03	0.03
-1564	11.49	0.11	0.11	-1563	2.60	0.03	0.03	-1562	1.50	0.02	0.02	-1561	8.22	0.08	0.08
-1560	4.22	0.04	0.04	-1559	0.42	0.00	0.00	-1558	0.42	0.00	0.00	-1557	2.29	0.02	0.02
-1556	2.29	0.02	0.02	-1555	4.04	0.04	0.04	-1554	5.99	0.06	0.06	-1553	3.76	0.04	0.04
-1552	2.82	0.03	0.03	-1551	8.41	0.08	0.08	-1550	9.19	0.09	0.09	-1549	1.45	0.01	0.01
-1548	7.66	0.08	0.08	-1547	1.82	0.02	0.02	-1546	6.04	0.06	0.06	-1545	1.14	0.01	0.01
-1544	2.27	0.02	0.02	-1543	1.33	0.01	0.01	-1542	2.79	0.03	0.03	-1541	0.55	0.01	0.01
-1540	1.78	0.02	0.02	-1539	4.64	0.05	0.05	-1538	8.29	0.08	0.08	-1537	2.07	0.02	0.02
-1536	9.68	0.10	0.10	-1535	0.42	0.00	0.00	-1534	4.85	0.05	0.05	-1533	2.47	0.02	0.02
-1532	3.88	0.04	0.04	-1531	11.91	0.12	0.12	-1530	5.60	0.06	0.06	-1529	6.93	0.07	0.07
-1528	10.71	0.11	0.11	-1527	1.72	0.02	0.02	-1526	20.17	0.20	0.20	-1525	10.06	0.10	0.10
-1524	1.05	0.01	0.01	-1523	2.78	0.03	0.03	-1522	9.45	0.09	0.09	-1521	5.22	0.05	0.05
-1520	3.25	0.03	0.03	-1519	10.76	0.11	0.11	-1518	2.16	0.02	0.02	-1517	0.78	0.01	0.01
-1516	0.44	0.00	0.00	-1515	2.01	0.02	0.02	-1514	6.35	0.06	0.06	-1513	5.36	0.05	0.05
-1512	4.09	0.04	0.04	-1511	4.41	0.04	0.04	-1510	0.88	0.01	0.01	-1509	0.38	0.00	0.00
-1508	0.51	0.01	0.01	-1507	1.89	0.02	0.02	-1506	6.95	0.07	0.07	-1505	1.49	0.01	0.01
-1504	10.35	0.10	0.10	-1503	15.69	0.16	0.16	-1502	3.80	0.04	0.04	-1501	3.53	0.04	0.04
-1500	3.37	0.03	0.03	-1499	10.67	0.11	0.11	-1498	1.85	0.02	0.02	-1497	1.63	0.02	0.02
-1496	7.46	0.07	0.07	-1495	2.18	0.02	0.02	-1494	8.56	0.09	0.09	-1493	1.94	0.02	0.02
-1492	14.29	0.14	0.14	-1491	10.67	0.11	0.11	-1490	1.12	0.01	0.01	-1489	6.13	0.06	0.06
-1488	3.14	0.03	0.03	-1487	5.23	0.05	0.05	-1486	0.31	0.00	0.00	-1485	0.31	0.00	0.00
-1484	8.14	0.08	0.08	-1483	10.94	0.11	0.11	-1482	7.13	0.07	0.07	-1481	1.70	0.02	0.02
-1480	1.70	0.02	0.02	-1479	3.01	0.03	0.03	-1478	5.34	0.05	0.05	-1477	4.46	0.04	0.04
-1476	2.81	0.03	0.03	-1475	2.10	0.02	0.02	-1474	6.27	0.06	0.06	-1473	6.85	0.07	0.07
-1472	1.08	0.01	0.01	-1471	5.71	0.06	0.06	-1470	1.35	0.01	0.01	-1469	4.50	0.04	0.04
-1468	8.01	0.08	0.08	-1467	0.85	0.01	0.01	-1466	1.58	0.02	0.02	-1465	1.69	0.02	0.02
-1464	6.95	0.07	0.07	-1463	0.99	0.01	0.01	-1462	13.57	0.14	0.14	-1461	12.47	0.12	0.12
-1460	8.18	0.08	0.08	-1459	2.08	0.02	0.02	-1458	9.44	0.09	0.09	-1457	1.62	0.02	0.02
-1456	1.02	0.01	0.01	-1455	1.02	0.01	0.01	-1454	0.41	0.00	0.00	-1453	1.33	0.01	0.01
-1452	3.46	0.03	0.03	-1451	14.32	0.14	0.14	-1450	19.66	0.20	0.20	-1449	22.26	0.22	0.22
-1448	6.18	0.06	0.06	-1447	1.55	0.02	0.02	-1446	5.04	0.05	0.05	-1445	17.98	0.18	0.18

-1444	23.11	0.23	0.23	-1443	10.81	0.11	0.11	-1442	15.75	0.16	0.16	-1441	7.21	0.07	0.07
-1440	23.11	0.23	0.23	-1439	0.31	0.00	0.00	-1438	3.62	0.04	0.04	-1437	10.92	0.11	0.11
-1436	1.84	0.02	0.02	-1435	21.47	0.21	0.21	-1434	11.46	0.11	0.11	-1433	3.20	0.03	0.03
-1432	8.88	0.09	0.09	-1431	4.78	0.05	0.05	-1430	4.84	0.05	0.05	-1429	14.70	0.15	0.15
-1428	15.04	0.15	0.15	-1427	6.45	0.06	0.06	-1426	2.49	0.02	0.02	-1425	2.49	0.02	0.02
-1424	6.26	0.06	0.06	-1423	18.85	0.19	0.19	-1422	12.79	0.13	0.13	-1421	3.96	0.04	0.04
-1420	5.47	0.05	0.05	-1419	7.98	0.08	0.08	-1418	1.59	0.02	0.02	-1417	20.42	0.20	0.20
-1416	31.67	0.32	0.32	-1415	16.46	0.16	0.16	-1414	11.08	0.11	0.11	-1413	4.19	0.04	0.04
-1412	3.51	0.04	0.04	-1411	11.93	0.12	0.12	-1410	9.36	0.09	0.09	-1409	6.87	0.07	0.07
-1408	13.59	0.14	0.14	-1407	2.73	0.03	0.03	-1406	3.83	0.04	0.04	-1405	3.40	0.03	0.03
-1404	2.53	0.03	0.03	-1403	8.01	0.08	0.08	-1402	4.00	0.04	0.04	-1401	2.39	0.02	0.02
-1400	5.56	0.06	0.06	-1399	1.12	0.01	0.01	-1398	1.52	0.02	0.02	-1397	1.68	0.02	0.02
-1396	2.39	0.02	0.02	-1395	8.77	0.09	0.09	-1394	4.64	0.05	0.05	-1393	11.20	0.11	0.11
-1392	12.80	0.13	0.13	-1391	4.79	0.05	0.05	-1390	4.46	0.04	0.04	-1389	4.26	0.04	0.04
-1388	8.71	0.09	0.09	-1387	2.34	0.02	0.02	-1386	2.06	0.02	0.02	-1385	9.42	0.09	0.09
-1384	2.75	0.03	0.03	-1383	10.81	0.11	0.11	-1382	2.45	0.02	0.02	-1381	11.66	0.12	0.12
-1380	8.71	0.09	0.09	-1379	1.41	0.01	0.01	-1378	7.74	0.08	0.08	-1377	3.97	0.04	0.04
-1376	4.26	0.04	0.04	-1375	0.39	0.00	0.00	-1374	0.39	0.00	0.00	-1373	6.64	0.07	0.07
-1372	8.93	0.09	0.09	-1371	5.82	0.06	0.06	-1370	2.15	0.02	0.02	-1369	2.15	0.02	0.02
-1368	3.81	0.04	0.04	-1367	5.86	0.06	0.06	-1366	20.99	0.21	0.21	-1365	19.69	0.20	0.20
-1364	14.74	0.15	0.15	-1363	43.98	0.44	0.44	-1362	57.20	0.57	0.57	-1361	34.11	0.34	0.34
-1360	19.56	0.20	0.20	-1359	1.71	0.02	0.02	-1358	5.68	0.06	0.06	-1357	3.31	0.03	0.03
-1356	1.79	0.02	0.02	-1355	2.18	0.02	0.02	-1354	2.46	0.02	0.02	-1353	2.97	0.03	0.03
-1352	1.26	0.01	0.01	-1351	7.85	0.08	0.08	-1350	10.17	0.10	0.10	-1349	6.67	0.07	0.07
-1348	2.63	0.03	0.03	-1347	7.04	0.07	0.07	-1346	0.69	0.01	0.01	-1345	0.43	0.00	0.00
-1344	0.43	0.00	0.00	-1343	0.51	0.01	0.01	-1342	1.68	0.02	0.02	-1341	4.37	0.04	0.04
-1340	6.13	0.06	0.06	-1339	8.41	0.08	0.08	-1338	9.53	0.10	0.10	-1337	7.80	0.08	0.08
-1336	1.95	0.02	0.02	-1335	6.69	0.07	0.07	-1334	7.69	0.08	0.08	-1333	9.89	0.10	0.10
-1332	11.40	0.11	0.11	-1331	6.74	0.07	0.07	-1330	9.11	0.09	0.09	-1329	9.89	0.10	0.10
-1328	0.39	0.00	0.00	-1327	4.56	0.05	0.05	-1326	4.67	0.05	0.05	-1325	2.33	0.02	0.02
-1324	17.52	0.18	0.18	-1323	10.98	0.11	0.11	-1322	5.54	0.06	0.06	-1321	29.24	0.29	0.29
-1320	39.70	0.40	0.40	-1319	24.40	0.24	0.24	-1318	27.79	0.28	0.28	-1317	28.44	0.28	0.28
-1316	12.19	0.12	0.12	-1315	20.51	0.21	0.21	-1314	20.51	0.21	0.21	-1313	12.41	0.12	0.12
-1312	15.07	0.15	0.15	-1311	5.47	0.05	0.05	-1310	3.41	0.03	0.03	-1309	8.37	0.08	0.08
-1308	10.08	0.10	0.10	-1307	3.48	0.03	0.03	-1306	10.46	0.10	0.10	-1305	13.55	0.14	0.14
-1304	55.41	0.55	0.55	-1303	19.47	0.19	0.19	-1302	7.94	0.08	0.08	-1301	5.87	0.06	0.06
-1300	44.86	0.45	0.45	-1299	16.55	0.17	0.17	-1298	12.69	0.13	0.13	-1297	70.43	0.70	0.70
-1296	4.69	0.05	0.05	-1295	7.33	0.07	0.07	-1294	6.62	0.07	0.07	-1293	4.24	0.04	0.04
-1292	19.60	0.20	0.20	-1291	6.08	0.06	0.06	-1290	3.25	0.03	0.03	-1289	13.14	0.13	0.13
-1288	1.96	0.02	0.02	-1287	3.78	0.04	0.04	-1286	4.01	0.04	0.04	-1285	4.00	0.04	0.04
-1284	42.17	0.42	0.42	-1283	8.67	0.09	0.09	-1282	19.64	0.20	0.20	-1281	34.66	0.35	0.35
-1280	19.01	0.19	0.19	-1279	42.56	0.43	0.43	-1278	12.14	0.12	0.12	-1277	41.06	0.41	0.41
-1276	29.55	0.30	0.30	-1275	4.35	0.04	0.04	-1274	5.87	0.06	0.06	-1273	37.36	0.37	0.37
-1272	7.84	0.08	0.08	-1271	76.04	0.76	0.76	-1270	30.66	0.31	0.31	-1269	58.92	0.59	0.59
-1268	41.06	0.41	0.41	-1267	10.65	0.11	0.11	-1266	14.82	0.15	0.15	-1265	68.74	0.69	0.69
-1264	11.33	0.11	0.11	-1263	12.82	0.13	0.13	-1262	14.65	0.15	0.15	-1261	17.05	0.17	0.17
-1260	21.54	0.22	0.22	-1259	9.29	0.09	0.09	-1258	9.19	0.09	0.09	-1257	13.77	0.14	0.14
-1256	14.31	0.14	0.14	-1255	34.70	0.35	0.35	-1254	7.21	0.07	0.07	-1253	14.82	0.15	0.15
-1252	16.75	0.17	0.17	-1251	10.86	0.11	0.11	-1250	34.79	0.35	0.35	-1249	16.52	0.17	0.17
-1248	5.68	0.06	0.06	-1247	4.25	0.04	0.04	-1246	12.68	0.13	0.13	-1245	23.70	0.24	0.24
-1244	1.58	0.02	0.02	-1243	72.50	0.72	0.72	-1242	22.29	0.22	0.22	-1241	53.76	0.54	0.54
-1240	58.07	0.58	0.58	-1239	4.49	0.04	0.04	-1238	3.10	0.03	0.03	-1237	17.44	0.17	0.17
-1236	4.04	0.04	0.04	-1235	14.01	0.14	0.14	-1234	21.69	0.22	0.22	-1233	26.83	0.27	0.27
-1232	59.91	0.60	0.60	-1231	71.34	0.71	0.71	-1230	16.51	0.17	0.17	-1229	7.45	0.07	0.07
-1228	31.31	0.31	0.31	-1227	5.10	0.05	0.05	-1226	11.21	0.11	0.11	-1225	4.02	0.04	0.04
-1224	12.10	0.12	0.12	-1223	7.74	0.08	0.08	-1222	37.28	0.37	0.37	-1221	11.93	0.12	0.12
-1220	13.49	0.13	0.13	-1219	37.81	0.38	0.38	-1218	12.51	0.13	0.13	-1217	67.66	0.68	0.68
-1216	11.20	0.11	0.11	-1215	44.61	0.45	0.45	-1214	46.63	0.47	0.47	-1213	19.07	0.19	0.19
-1212	39.07	0.39	0.39	-1211	14.60	0.15	0.15	-1210	63.57	0.64	0.64	-1209	46.63	0.47	0.47
-1208	20.75	0.21	0.21	-1207	7.32	0.07	0.07	-1206	27.10	0.27	0.27	-1205	24.68	0.25	0.25
-1204	57.93	0.58	0.58	-1203	60.42	0.60	0.60	-1202	34.17	0.34	0.34	-1201	29.71	0.30	0.30
-1200	14.40	0.14	0.14	-1199	8.85	0.09	0.09	-1198	10.08	0.10	0.10	-1197	10.32	0.10	0.10
-1196	4.42	0.04	0.04	-1195	7.44	0.07	0.07	-1194	7.44	0.07	0.07	-1193	4.42	0.04	0.04
-1192	22.91	0.23	0.23	-1191	9.15	0.09	0.09	-1190	7.00	0.07	0.07	-1189	15.29	0.15	0.15
-1188	34.15	0.34	0.34	-1187	7.11	0.07	0.07	-1186	18.79	0.19	0.19	-1185	37.71	0.38	0.38
-1184	20.10	0.20	0.20	-1183	14.21	0.14	0.14	-1182	5.80	0.06	0.06	-1181	4.28	0.04	0.04
-1180	14.25	0.14	0.14	-1179	12.09	0.12	0.12	-1178	9.47	0.09	0.09	-1177	16.40	0.16	0.16
-1176	3.51	0.04	0.04	-1175	5.35	0.05	0.05	-1174	4.83	0.05	0.05	-1173	3.09	0.03	0.03
-1172	9.95	0.10	0.10	-1171	4.65	0.05	0.05	-1170	2.49	0.02	0.02	-1169	6.79	0.07	0.07
-1168	1.50	0.02	0.02	-1167	3.42	0.03	0.03	-1166	3.56	0.04	0.04	-1165	2.92	0.03	0.03
-1164	10.19	0.10	0.10	-1163	6.33	0.06	0.06	-1162	14.34	0.14	0.14	-1161	15.64	0.16	0.16
-1160	5.37	0.05	0.05	-1159	4.99	0.05	0.05	-1158	4.76	0.05	0.05	-1157	10.64	0.11	0.11
-1156	3.54	0.04	0.04	-1155	2.54	0.03	0.03	-1154	2.30	0.02	0.02	-1153	10.55	0.11	0.11
-1152	3.08	0.03	0.03	-1151	12.10	0.12	0.12	-1150	3.67	0.04	0.04	-1149	14.24	0.14	0.14
-1148	10.64	0.11	0.11	-1147	6.22	0.06	0.06	-1146	1.75	0.02	0.02	-1145	10.03	0.10	0.10
-1144	4.44	0.04	0.04	-1143	1.65	0.02	0.02	-1142	2.36	0.02	0.02	-1141	2.19	0.02	0.02
-1140	5.21	0.05	0.05	-1139	1.15	0.01	0.01	-1138	1.43	0.01	0.01	-1137	7.80	0.08	0.08
-1136	9.99	0.10	0.10	-1135	8.35	0.08	0.08	-1134	2.34	0.02	0.02	-1133	2.91	0.03	0.03
-1132	2.41	0.02	0.02	-1131	4.26	0.04	0.04	-1130	9.34	0.09	0.09	-1129	6.84	0.07	0.07

-1128	3.97	0.04	0.04	-1127	2.97	0.03	0.03	-1126	8.86	0.09	0.09	-1125	8.15	0.08	0.08
-1124	13.28	0.13	0.13	-1123	6.91	0.07	0.07	-1122	5.23	0.05	0.05	-1121	10.26	0.10	0.10
-1120	3.28	0.03	0.03	-1119	2.17	0.02	0.02	-1118	4.84	0.05	0.05	-1117	2.82	0.03	0.03
-1116	3.63	0.04	0.04	-1115	4.09	0.04	0.04	-1114	8.46	0.08	0.08	-1113	11.39	0.11	0.11
-1112	9.47	0.09	0.09	-1111	2.48	0.02	0.02	-1110	3.43	0.03	0.03	-1109	8.54	0.09	0.09
-1108	1.55	0.02	0.02	-1107	2.25	0.02	0.02	-1106	1.27	0.01	0.01	-1105	2.24	0.02	0.02
-1104	1.88	0.02	0.02	-1103	8.41	0.08	0.08	-1102	9.93	0.10	0.10	-1101	9.42	0.09	0.09
-1100	11.40	0.11	0.11	-1099	8.74	0.09	0.09	-1098	8.52	0.09	0.09	-1097	8.18	0.08	0.08
-1096	8.61	0.09	0.09	-1095	12.08	0.12	0.12	-1094	13.92	0.14	0.14	-1093	7.54	0.08	0.08
-1092	10.20	0.10	0.10	-1091	8.20	0.08	0.08	-1090	12.08	0.12	0.12	-1089	2.63	0.03	0.03
-1088	5.11	0.05	0.05	-1087	5.23	0.05	0.05	-1086	2.93	0.03	0.03	-1085	20.47	0.20	0.20
-1084	14.41	0.14	0.14	-1083	8.31	0.08	0.08	-1082	12.55	0.13	0.13	-1081	10.06	0.10	0.10
-1080	6.18	0.06	0.06	-1079	7.04	0.07	0.07	-1078	7.21	0.07	0.07	-1077	3.09	0.03	0.03
-1076	5.20	0.05	0.05	-1075	5.20	0.05	0.05	-1074	3.19	0.03	0.03	-1073	9.62	0.10	0.10
-1072	6.68	0.07	0.07	-1071	6.05	0.06	0.06	-1070	12.10	0.12	0.12	-1069	12.38	0.12	0.12
-1068	6.13	0.06	0.06	-1067	14.67	0.15	0.15	-1066	16.55	0.17	0.17	-1065	31.13	0.31	0.31
-1064	16.85	0.17	0.17	-1063	3.82	0.04	0.04	-1062	6.63	0.07	0.07	-1061	22.07	0.22	0.22
-1060	13.73	0.14	0.14	-1059	9.68	0.10	0.10	-1058	25.40	0.25	0.25	-1057	5.43	0.05	0.05
-1056	3.17	0.03	0.03	-1055	2.37	0.02	0.02	-1054	4.79	0.05	0.05	-1053	15.40	0.15	0.15
-1052	8.94	0.09	0.09	-1051	5.48	0.05	0.05	-1050	7.60	0.08	0.08	-1049	10.51	0.11	0.11
-1048	2.32	0.02	0.02	-1047	5.30	0.05	0.05	-1046	5.51	0.06	0.06	-1045	4.52	0.05	0.05
-1044	15.78	0.16	0.16	-1043	4.84	0.05	0.05	-1042	9.53	0.10	0.10	-1041	12.52	0.13	0.13
-1040	8.31	0.08	0.08	-1039	5.93	0.06	0.06	-1038	7.38	0.07	0.07	-1037	8.52	0.09	0.09
-1036	1.12	0.01	0.01	-1035	3.57	0.04	0.04	-1034	16.34	0.16	0.16	-1033	4.76	0.05	0.05
-1032	18.74	0.19	0.19	-1031	1.16	0.01	0.01	-1030	22.06	0.22	0.22	-1029	8.52	0.09	0.09
-1028	0.55	0.01	0.01	-1027	14.55	0.15	0.15	-1026	6.88	0.07	0.07	-1025	0.52	0.01	0.01
-1024	1.71	0.02	0.02	-1023	1.57	0.02	0.02	-1022	8.06	0.08	0.08	-1021	1.78	0.02	0.02
-1020	0.90	0.01	0.01	-1019	12.07	0.12	0.12	-1018	15.47	0.15	0.15	-1017	11.51	0.12	0.12
-1016	1.82	0.02	0.02	-1015	4.12	0.04	0.04	-1014	3.37	0.03	0.03	-1013	6.60	0.07	0.07
-1012	5.53	0.06	0.06	-1011	10.59	0.11	0.11	-1010	6.14	0.06	0.06	-1009	1.30	0.01	0.01
-1008	10.42	0.10	0.10	-1007	12.62	0.13	0.13	-1006	13.76	0.14	0.14	-1005	2.96	0.03	0.03
-1004	10.64	0.11	0.11	-1003	10.88	0.11	0.11	-1002	2.15	0.02	0.02	-1001	2.54	0.03	0.03
-1000	0.89	0.01	0.01	-999	5.62	0.06	0.06	-998	1.29	0.01	0.01	-997	18.90	0.19	0.19
-996	17.64	0.18	0.18	-995	14.66	0.15	0.15	-994	3.84	0.04	0.04	-993	3.03	0.03	0.03
-992	11.37	0.11	0.11	-991	3.46	0.03	0.03	-990	2.82	0.03	0.03	-989	2.85	0.03	0.03
-988	3.05	0.03	0.03	-987	4.19	0.04	0.04	-986	9.86	0.10	0.10	-985	11.59	0.12	0.12
-984	14.58	0.15	0.15	-983	17.66	0.18	0.18	-982	13.53	0.14	0.14	-981	19.03	0.19	0.19
-980	12.66	0.13	0.13	-979	19.25	0.19	0.19	-978	18.71	0.19	0.19	-977	21.55	0.22	0.22
-976	11.72	0.12	0.12	-975	12.64	0.13	0.13	-974	14.22	0.14	0.14	-973	18.71	0.19	0.19
-972	0.83	0.01	0.01	-971	8.01	0.08	0.08	-970	8.05	0.08	0.08	-969	5.61	0.06	0.06
-968	31.70	0.32	0.32	-967	17.11	0.17	0.17	-966	12.86	0.13	0.13	-965	35.39	0.35	0.35
-964	17.96	0.18	0.18	-963	7.03	0.07	0.07	-962	19.86	0.20	0.20	-961	20.32	0.20	0.20
-960	8.71	0.09	0.09	-959	3.88	0.04	0.04	-958	3.88	0.04	0.04	-957	8.99	0.09	0.09
-956	27.13	0.27	0.27	-955	18.85	0.19	0.19	-954	6.70	0.07	0.07	-953	19.10	0.19	0.19
-952	27.67	0.28	0.28	-951	5.73	0.06	0.06	-950	17.59	0.18	0.18	-949	25.63	0.26	0.26
-948	30.66	0.31	0.31	-947	37.22	0.37	0.37	-946	13.12	0.13	0.13	-945	13.12	0.13	0.13
-944	6.56	0.07	0.07	-943	4.28	0.04	0.04	-942	10.49	0.10	0.10	-941	6.20	0.06	0.06
-940	50.35	0.50	0.50	-939	25.11	0.25	0.25	-938	4.04	0.04	0.04	-937	10.73	0.11	0.11
-936	35.70	0.36	0.36	-935	20.15	0.20	0.20	-934	13.60	0.14	0.14	-933	41.09	0.41	0.41
-932	8.79	0.09	0.09	-931	3.01	0.03	0.03	-930	1.71	0.02	0.02	-929	7.75	0.08	0.08
-928	34.09	0.34	0.34	-927	15.17	0.15	0.15	-926	11.13	0.11	0.11	-925	13.84	0.14	0.14
-924	29.32	0.29	0.29	-923	3.76	0.04	0.04	-922	5.04	0.05	0.05	-921	5.38	0.05	0.05
-920	7.31	0.07	0.07	-919	25.52	0.26	0.26	-918	5.77	0.06	0.06	-917	20.84	0.21	0.21
-916	31.58	0.32	0.32	-915	30.53	0.31	0.31	-914	8.86	0.09	0.09	-913	29.00	0.29	0.29
-912	21.48	0.21	0.21	-911	42.28	0.42	0.42	-910	65.20	0.65	0.65	-909	7.71	0.08	0.08
-908	30.31	0.30	0.30	-907	35.68	0.36	0.36	-906	21.48	0.21	0.21	-905	23.53	0.24	0.24
-904	11.13	0.11	0.11	-903	1.79	0.02	0.02	-902	13.04	0.13	0.13	-901	2.89	0.03	0.03
-900	2.47	0.02	0.02	-899	27.90	0.28	0.28	-898	53.10	0.53	0.53	-897	18.04	0.18	0.18
-896	2.19	0.02	0.02	-895	6.50	0.07	0.07	-894	5.30	0.05	0.05	-893	10.67	0.11	0.11
-892	10.74	0.11	0.11	-891	17.13	0.17	0.17	-890	9.94	0.10	0.10	-889	0.73	0.01	0.01
-888	15.48	0.15	0.15	-887	20.42	0.20	0.20	-886	20.21	0.20	0.20	-885	4.79	0.05	0.05
-884	15.93	0.16	0.16	-883	19.99	0.20	0.20	-882	2.99	0.03	0.03	-881	2.06	0.02	0.02
-880	9.09	0.09	0.09	-879	41.35	0.41	0.41	-878	56.57	0.57	0.57	-877	23.71	0.24	0.24
-876	6.22	0.06	0.06	-875	3.96	0.04	0.04	-874	17.19	0.17	0.17	-873	23.59	0.24	0.24
-872	28.56	0.29	0.29	-871	21.88	0.22	0.22	-870	20.48	0.20	0.20	-869	30.26	0.30	0.30
-868	34.86	0.35	0.35	-867	19.14	0.19	0.19	-866	30.26	0.30	0.30	-865	51.28	0.51	0.51
-864	25.52	0.26	0.26	-863	26.33	0.26	0.26	-862	41.46	0.41	0.41	-861	11.33	0.11	0.11
-860	3.88	0.04	0.04	-859	3.16	0.03	0.03	-858	3.19	0.03	0.03	-857	3.41	0.03	0.03
-856	4.70	0.05	0.05	-855	9.41	0.09	0.09	-854	21.33	0.21	0.21	-853	21.58	0.22	0.22
-852	12.19	0.12	0.12	-851	15.18	0.15	0.15	-850	6.11	0.06	0.06	-849	19.95	0.20	0.20
-848	31.02	0.31	0.31	-847	4.96	0.05	0.05	-846	43.13	0.43	0.43	-845	23.34	0.23	0.23
-844	5.29	0.05	0.05	-843	9.19	0.09	0.09	-842	30.58	0.31	0.31	-841	19.03	0.19	0.19
-840	13.42	0.13	0.13	-839	35.19	0.35	0.35	-838	7.53	0.08	0.08	-837	6.20	0.06	0.06
-836	5.09	0.05	0.05	-835	6.63	0.07	0.07	-834	21.34	0.21	0.21	-833	11.77	0.12	0.12
-832	5.65	0.06	0.06	-831	9.20	0.09	0.09	-830	14.56	0.15	0.15	-829	3.22	0.03	0.03
-828	2.59	0.03	0.03	-827	2.89	0.03	0.03	-826	6.27	0.06	0.06	-825	21.86	0.22	0.22
-824	6.70	0.07	0.07	-823	23.90	0.24	0.24	-822	33.55	0.34	0.34	-821	11.51	0.12	0.12
-820	7.59	0.08	0.08	-819	10.22	0.10	0.10	-818	22.82	0.23	0.23	-817	4.94	0.05	0.05
-816	22.63	0.23	0.23	-815	6.60	0.07	0.07	-814	25.97	0.26	0.26	-813	30.56	0.31	0.31

-812	22.82	0.23	0.23	-811	20.28	0.20	0.20	-810	9.54	0.10	0.10	-809	1.53	0.02	0.02
-808	11.17	0.11	0.11	-807	2.47	0.02	0.02	-806	2.00	0.02	0.02	-805	16.73	0.17	0.17
-804	21.44	0.21	0.21	-803	15.45	0.15	0.15	-802	1.88	0.02	0.02	-801	5.57	0.06	0.06
-800	4.54	0.05	0.05	-799	9.14	0.09	0.09	-798	14.92	0.15	0.15	-797	14.67	0.15	0.15
-796	8.51	0.09	0.09	-795	0.63	0.01	0.01	-794	13.26	0.13	0.13	-793	17.49	0.17	0.17
-792	17.31	0.17	0.17	-791	4.11	0.04	0.04	-790	13.64	0.14	0.14	-789	13.01	0.13	0.13
-788	2.56	0.03	0.03	-787	5.28	0.05	0.05	-786	7.79	0.08	0.08	-785	24.14	0.24	0.24
-784	24.43	0.24	0.24	-783	20.31	0.20	0.20	-782	5.33	0.05	0.05	-781	3.39	0.03	0.03
-780	6.60	0.07	0.07	-779	2.26	0.02	0.02	-778	1.84	0.02	0.02	-777	1.86	0.02	0.02
-776	1.99	0.02	0.02	-775	2.74	0.03	0.03	-774	5.49	0.05	0.05	-773	14.72	0.15	0.15
-772	20.21	0.20	0.20	-771	24.46	0.24	0.24	-770	18.74	0.19	0.19	-769	12.43	0.12	0.12
-768	17.54	0.18	0.18	-767	12.57	0.13	0.13	-766	25.92	0.26	0.26	-765	29.86	0.30	0.30
-764	7.10	0.07	0.07	-763	16.39	0.16	0.16	-762	8.84	0.09	0.09	-761	25.92	0.26	0.26
-760	8.63	0.09	0.09	-759	8.63	0.09	0.09	-758	3.56	0.04	0.04	-757	43.93	0.44	0.44
-756	23.70	0.24	0.24	-755	15.65	0.16	0.16	-754	42.40	0.42	0.42	-753	21.77	0.22	0.22
-752	8.67	0.09	0.09	-751	23.79	0.24	0.24	-750	24.35	0.24	0.24	-749	10.43	0.10	0.10
-748	3.02	0.03	0.03	-747	3.02	0.03	0.03	-746	10.77	0.11	0.11	-745	32.50	0.32	0.32
-744	22.58	0.23	0.23	-743	8.27	0.08	0.08	-742	13.43	0.13	0.13	-741	18.07	0.18	0.18
-740	4.70	0.05	0.05	-739	24.37	0.24	0.24	-738	35.52	0.36	0.36	-737	67.19	0.67	0.67
-736	48.70	0.49	0.49	-735	18.83	0.19	0.19	-734	14.83	0.15	0.15	-733	58.41	0.58	0.58
-732	39.50	0.40	0.40	-731	29.51	0.30	0.30	-730	82.45	0.82	0.82	-729	5.44	0.05	0.05
-728	8.50	0.08	0.08	-727	7.67	0.08	0.08	-726	4.91	0.05	0.05	-725	24.32	0.24	0.24
-724	7.38	0.07	0.07	-723	3.95	0.04	0.04	-722	13.31	0.13	0.13	-721	2.38	0.02	0.02
-720	4.22	0.04	0.04	-719	4.44	0.04	0.04	-718	4.63	0.05	0.05	-717	45.30	0.45	0.45
-716	19.54	0.20	0.20	-715	46.51	0.47	0.47	-714	53.35	0.53	0.53	-713	24.40	0.24	0.24
-712	29.96	0.30	0.30	-711	11.08	0.11	0.11	-710	40.93	0.41	0.41	-709	19.10	0.19	0.19
-708	3.30	0.03	0.03	-707	5.60	0.06	0.06	-706	47.96	0.48	0.48	-705	7.92	0.08	0.08
-704	80.09	0.80	0.80	-703	19.80	0.20	0.20	-702	45.87	0.46	0.46	-701	43.10	0.43	0.43
-700	8.09	0.08	0.08	-699	10.10	0.10	0.10	-698	76.87	0.77	0.77	-697	11.44	0.11	0.11
-696	8.87	0.09	0.09	-695	11.77	0.12	0.12	-694	16.77	0.17	0.17	-693	7.21	0.07	0.07
-692	18.23	0.18	0.18	-691	23.33	0.23	0.23	-690	44.71	0.45	0.45	-689	59.62	0.60	0.60
-688	14.17	0.14	0.14	-687	13.71	0.14	0.14	-686	16.84	0.17	0.17	-685	10.97	0.11	0.11
-684	37.53	0.38	0.38	-683	30.00	0.30	0.30	-682	21.79	0.22	0.22	-681	13.97	0.14	0.14
-680	46.33	0.46	0.46	-679	67.86	0.68	0.68	-678	95.61	0.96	0.96	-677	17.67	0.18	0.18
-676	3.26	0.03	0.03	-675	2.86	0.03	0.03	-674	51.49	0.51	0.51	-673	62.71	0.63	0.63
-672	5.20	0.05	0.05	-671	3.46	0.03	0.03	-670	18.46	0.18	0.18	-669	12.85	0.13	0.13
-668	18.13	0.18	0.18	-667	1.86	0.02	0.02	-666	32.50	0.32	0.32	-665	47.46	0.47	0.47
-664	63.38	0.63	0.63	-663	15.65	0.16	0.16	-662	15.12	0.15	0.15	-661	35.05	0.35	0.35
-660	42.52	0.43	0.43	-659	21.42	0.21	0.21	-658	51.10	0.51	0.51	-657	58.85	0.59	0.59
-656	20.32	0.20	0.20	-655	23.55	0.24	0.24	-654	16.64	0.17	0.17	-653	25.53	0.26	0.26
-652	25.10	0.25	0.25	-651	45.25	0.45	0.45	-650	16.56	0.17	0.17	-649	54.63	0.55	0.55
-648	59.10	0.59	0.59	-647	46.35	0.46	0.46	-646	59.29	0.59	0.59	-645	57.33	0.57	0.57
-644	29.11	0.29	0.29	-643	51.21	0.51	0.51	-642	61.83	0.62	0.62	-641	41.89	0.42	0.42
-640	49.55	0.50	0.50	-639	63.64	0.64	0.64	-638	51.80	0.52	0.52	-637	67.03	0.67	0.67
-636	53.44	0.53	0.53	-635	41.89	0.42	0.42	-634	15.47	0.15	0.15	-633	32.46	0.32	0.32
-632	35.14	0.35	0.35	-631	19.31	0.19	0.19	-630	72.92	0.73	0.73	-629	49.49	0.49	0.49
-628	27.76	0.28	0.28	-627	51.92	0.52	0.52	-626	32.53	0.33	0.33	-625	19.29	0.19	0.19
-624	28.52	0.29	0.29	-623	62.89	0.63	0.63	-622	7.66	0.08	0.08	-621	9.13	0.09	0.09
-620	9.13	0.09	0.09	-619	7.91	0.08	0.08	-618	45.31	0.45	0.45	-617	28.28	0.28	0.28
-616	19.95	0.20	0.20	-615	41.70	0.42	0.42	-614	51.54	0.52	0.52	-613	18.83	0.19	0.19
-612	47.55	0.48	0.48	-611	56.12	0.56	0.56	-608	24.73	0.25	0.25	-607	17.49	0.17	0.17
-606	7.13	0.07	0.07	-605	5.27	0.05	0.05	-604	17.53	0.18	0.18	-603	6.41	0.06	0.06
-602	9.27	0.09	0.09	-601	4.72	0.05	0.05	-600	1.68	0.02	0.02	-599	1.74	0.02	0.02
-598	10.79	0.11	0.11	-597	10.06	0.10	0.10	-596	17.13	0.17	0.17	-595	17.21	0.17	0.17
-594	14.87	0.15	0.15	-593	11.14	0.11	0.11	-592	18.63	0.19	0.19	-591	3.48	0.03	0.03
-590	3.82	0.04	0.04	-589	3.45	0.03	0.03	-588	3.45	0.03	0.03	-587	11.97	0.12	0.12
-586	5.72	0.06	0.06	-585	3.06	0.03	0.03	-584	5.58	0.06	0.06	-583	1.85	0.02	0.02
-582	4.21	0.04	0.04	-581	4.38	0.04	0.04	-580	3.59	0.04	0.04	-579	12.81	0.13	0.13
-578	7.79	0.08	0.08	-577	17.65	0.18	0.18	-576	18.74	0.19	0.19	-575	6.09	0.06	0.06
-574	5.67	0.06	0.06	-573	2.03	0.02	0.02	-572	12.08	0.12	0.12	-571	4.03	0.04	0.04
-570	1.32	0.01	0.01	-569	1.40	0.01	0.01	-568	11.98	0.12	0.12	-567	2.62	0.03	0.03
-566	18.17	0.18	0.18	-565	4.17	0.04	0.04	-564	12.08	0.12	0.12	-563	3.22	0.03	0.03
-562	2.13	0.02	0.02	-561	12.52	0.13	0.13	-560	3.79	0.04	0.04	-559	1.87	0.02	0.02
-558	2.35	0.02	0.02	-557	1.31	0.01	0.01	-556	3.18	0.03	0.03	-555	11.35	0.11	0.11
-554	9.48	0.09	0.09	-553	2.65	0.03	0.03	-552	3.30	0.03	0.03	-551	2.74	0.03	0.03
-550	3.63	0.04	0.04	-549	10.61	0.11	0.11	-548	7.77	0.08	0.08	-547	4.51	0.05	0.05
-546	3.37	0.03	0.03	-545	10.06	0.10	0.10	-544	17.13	0.17	0.17	-543	18.19	0.18	0.18
-542	4.38	0.04	0.04	-541	1.03	0.01	0.01	-540	0.86	0.01	0.01	-539	8.91	0.09	0.09
-538	18.62	0.19	0.19	-537	2.99	0.03	0.03	-536	5.50	0.06	0.06	-535	4.12	0.04	0.04
-534	3.45	0.03	0.03	-533	2.02	0.02	0.02	-532	12.94	0.13	0.13	-531	10.75	0.11	0.11
-530	2.82	0.03	0.03	-529	3.01	0.03	0.03	-528	6.08	0.06	0.06	-527	7.32	0.07	0.07
-526	3.69	0.04	0.04	-525	12.01	0.12	0.12	-524	13.02	0.13	0.13	-523	5.28	0.05	0.05
-522	5.14	0.05	0.05	-521	4.34	0.04	0.04	-520	5.49	0.05	0.05	-519	4.53	0.05	0.05
-518	8.21	0.08	0.08	-517	2.46	0.02	0.02	-516	5.93	0.06	0.06	-515	7.42	0.07	0.07
-514	12.95	0.13	0.13	-513	9.92	0.10	0.10	-512	9.67	0.10	0.10	-511	9.23	0.09	0.09
-510	9.79	0.10	0.10	-509	13.72	0.14	0.14	-508	11.47	0.11	0.11	-507	8.57	0.09	0.09
-506	11.58	0.12	0.12	-505	9.32	0.09	0.09	-504	13.72	0.14	0.14	-503	2.99	0.03	0.03
-502	5.80	0.06	0.06	-501	5.94	0.06	0.06	-500	3.33	0.03	0.03	-499	25.19	0.25	0.25
-498	17.73	0.18	0.18	-497	10.22	0.10	0.10	-496	15.20	0.15	0.15	-495	12.38	0.12	0.12

-494	7.61	0.08	0.08	-493	8.66	0.09	0.09	-492	15.36	0.15	0.15	-491	3.34	0.03	0.03
-490	3.71	0.04	0.04	-489	3.71	0.04	0.04	-488	3.46	0.03	0.03	-487	11.59	0.12	0.12
-486	8.22	0.08	0.08	-485	7.45	0.07	0.07	-484	14.89	0.15	0.15	-483	15.01	0.15	0.15
-482	7.55	0.08	0.08	-481	18.05	0.18	0.18	-480	19.80	0.20	0.20	-479	28.36	0.28	0.28
-478	16.31	0.16	0.16	-477	4.44	0.04	0.04	-476	6.04	0.06	0.06	-475	19.73	0.20	0.20
-474	13.44	0.13	0.13	-473	9.16	0.09	0.09	-472	21.37	0.21	0.21	-471	3.01	0.03	0.03
-470	3.40	0.03	0.03	-469	13.72	0.14	0.14	-468	7.82	0.08	0.08	-467	3.03	0.03	0.03
-466	2.72	0.03	0.03	-465	4.46	0.04	0.04	-464	6.40	0.06	0.06	-463	2.12	0.02	0.02
-462	2.34	0.02	0.02	-461	1.84	0.02	0.02	-460	3.42	0.03	0.03	-459	14.69	0.15	0.15
-458	5.33	0.05	0.05	-457	48.35	0.48	0.48	-456	58.10	0.58	0.58	-455	6.99	0.07	0.07
-454	6.50	0.06	0.06	-453	2.33	0.02	0.02	-452	23.67	0.24	0.24	-451	4.62	0.05	0.05
-450	1.51	0.02	0.02	-449	1.60	0.02	0.02	-448	13.74	0.14	0.14	-447	3.01	0.03	0.03
-446	20.84	0.21	0.21	-445	4.79	0.05	0.05	-444	16.37	0.16	0.16	-443	23.67	0.24	0.24
-442	3.70	0.04	0.04	-441	2.44	0.02	0.02	-440	14.36	0.14	0.14	-439	4.34	0.04	0.04
-438	2.14	0.02	0.02	-437	2.69	0.03	0.03	-436	3.62	0.04	0.04	-435	1.50	0.02	0.02
-434	3.65	0.04	0.04	-433	10.63	0.11	0.11	-432	13.02	0.13	0.13	-431	9.36	0.09	0.09
-430	1.12	0.01	0.01	-429	3.38	0.03	0.03	-428	3.14	0.03	0.03	-427	4.16	0.04	0.04
-426	20.77	0.21	0.21	-425	5.87	0.06	0.06	-424	1.89	0.02	0.02	-423	3.63	0.04	0.04
-422	11.54	0.12	0.12	-421	10.62	0.11	0.11	-420	10.51	0.11	0.11	-419	2.73	0.03	0.03
-418	0.54	0.01	0.01	-417	0.35	0.00	0.00	-416	9.25	0.09	0.09	-415	19.46	0.19	0.19
-414	6.50	0.07	0.07	-413	1.55	0.02	0.02	-412	4.58	0.05	0.05	-411	10.77	0.11	0.11
-410	8.08	0.08	0.08	-409	3.52	0.04	0.04	-408	4.76	0.05	0.05	-407	0.44	0.00	0.00
-406	13.57	0.14	0.14	-405	14.83	0.15	0.15	-404	10.68	0.11	0.11	-403	1.18	0.01	0.01
-402	3.05	0.03	0.03	-401	6.97	0.07	0.07	-400	6.89	0.07	0.07	-399	4.04	0.04	0.04
-398	11.51	0.12	0.12	-397	13.51	0.14	0.14	-396	10.34	0.10	0.10	-395	8.42	0.08	0.08
-394	8.50	0.09	0.09	-393	9.10	0.09	0.09	-392	3.84	0.04	0.04	-391	11.04	0.11	0.11
-390	2.06	0.02	0.02	-389	5.68	0.06	0.06	-388	25.37	0.25	0.25	-387	11.38	0.11	0.11
-386	18.95	0.19	0.19	-385	11.04	0.11	0.11	-384	18.08	0.18	0.18	-383	19.17	0.19	0.19
-382	26.88	0.27	0.27	-381	19.14	0.19	0.19	-380	22.47	0.22	0.22	-379	15.43	0.15	0.15
-378	13.28	0.13	0.13	-377	14.50	0.15	0.15	-376	26.88	0.27	0.27	-375	1.26	0.01	0.01
-374	6.66	0.07	0.07	-373	10.29	0.10	0.10	-372	5.66	0.06	0.06	-371	28.89	0.29	0.29
-370	16.56	0.17	0.17	-369	7.95	0.08	0.08	-368	17.43	0.17	0.17	-367	10.48	0.10	0.10
-366	7.04	0.07	0.07	-365	16.97	0.17	0.17	-364	30.09	0.30	0.30	-363	5.29	0.05	0.05
-362	5.53	0.06	0.06	-361	22.71	0.23	0.23	-360	16.11	0.16	0.16	-359	6.75	0.07	0.07
-358	21.34	0.21	0.21	-357	29.40	0.29	0.29	-356	6.92	0.07	0.07	-355	27.49	0.27	0.27
-354	38.78	0.39	0.39	-353	3.20	0.03	0.03	-352	22.09	0.22	0.22	-351	8.04	0.08	0.08
-350	4.49	0.04	0.04	-349	4.03	0.04	0.04	-348	4.71	0.05	0.05	-347	18.35	0.18	0.18
-346	1.99	0.02	0.02	-345	0.85	0.01	0.01	-344	2.84	0.03	0.03	-343	13.82	0.14	0.14
-342	3.06	0.03	0.03	-341	23.00	0.23	0.23	-340	19.26	0.19	0.19	-339	36.85	0.37	0.37
-338	50.38	0.50	0.50	-337	2.83	0.03	0.03	-336	19.61	0.20	0.20	-335	3.38	0.03	0.03
-334	3.21	0.03	0.03	-333	9.89	0.10	0.10	-332	0.33	0.00	0.00	-331	8.71	0.09	0.09
-330	18.31	0.18	0.18	-329	38.05	0.38	0.38	-328	18.98	0.19	0.19	-327	3.05	0.03	0.03
-326	8.11	0.08	0.08	-325	26.47	0.26	0.26	-324	15.23	0.15	0.15	-323	9.49	0.09	0.09
-322	28.66	0.29	0.29	-321	4.04	0.04	0.04	-320	8.72	0.09	0.09	-319	6.19	0.06	0.06
-318	6.42	0.06	0.06	-317	19.07	0.19	0.19	-316	3.27	0.03	0.03	-315	19.26	0.19	0.19
-314	2.88	0.03	0.03	-313	3.61	0.04	0.04	-312	1.97	0.02	0.02	-311	2.01	0.02	0.02
-310	4.89	0.05	0.05	-309	20.62	0.21	0.21	-308	42.68	0.43	0.43	-307	11.38	0.11	0.11
-306	4.21	0.04	0.04	-305	4.21	0.04	0.04	-304	5.53	0.06	0.06	-303	4.68	0.05	0.05
-302	15.48	0.15	0.15	-301	14.25	0.14	0.14	-300	8.72	0.09	0.09	-299	2.08	0.02	0.02
-298	5.85	0.06	0.06	-297	5.87	0.06	0.06	-296	0.60	0.01	0.01	-295	23.95	0.24	0.24
-294	45.06	0.45	0.45	-293	13.06	0.13	0.13	-292	3.78	0.04	0.04	-291	9.35	0.09	0.09
-290	8.08	0.08	0.08	-289	15.27	0.15	0.15	-288	14.42	0.14	0.14	-287	25.29	0.25	0.25
-286	17.82	0.18	0.18	-285	8.93	0.09	0.09	-284	38.76	0.39	0.39	-283	19.29	0.19	0.19
-282	7.74	0.08	0.08	-281	23.38	0.23	0.23	-280	11.18	0.11	0.11	-279	2.03	0.02	0.02
-278	4.96	0.05	0.05	-277	3.66	0.04	0.04	-276	0.72	0.01	0.01	-275	2.41	0.02	0.02
-274	9.72	0.10	0.10	-273	6.05	0.06	0.06	-272	2.26	0.02	0.02	-271	1.92	0.02	0.02
-270	3.54	0.04	0.04	-269	4.53	0.05	0.05	-268	1.50	0.01	0.01	-267	0.64	0.01	0.01
-266	2.14	0.02	0.02	-265	10.40	0.10	0.10	-264	2.30	0.02	0.02	-263	3.42	0.03	0.03
-262	1.65	0.02	0.02	-261	1.14	0.01	0.01	-260	8.20	0.08	0.08	-259	2.13	0.02	0.02
-258	14.76	0.15	0.15	-257	1.45	0.01	0.01	-256	1.32	0.01	0.01	-255	7.44	0.07	0.07
-254	0.25	0.00	0.00	-253	6.55	0.07	0.07	-252	13.78	0.14	0.14	-251	43.34	0.43	0.43
-250	21.62	0.22	0.22	-249	3.47	0.03	0.03	-248	9.23	0.09	0.09	-247	30.15	0.30	0.30
-246	22.02	0.22	0.22	-245	15.48	0.15	0.15	-244	32.65	0.33	0.33	-243	4.60	0.05	0.05
-242	4.15	0.04	0.04	-241	16.75	0.17	0.17	-240	10.43	0.10	0.10	-239	4.71	0.05	0.05
-238	4.11	0.04	0.04	-237	6.11	0.06	0.06	-236	7.82	0.08	0.08	-235	2.58	0.03	0.03
-234	4.32	0.04	0.04	-233	4.12	0.04	0.04	-232	4.59	0.05	0.05	-231	17.93	0.18	0.18
-230	8.62	0.09	0.09	-229	36.12	0.36	0.36	-228	46.44	0.46	0.46	-227	5.90	0.06	0.06
-226	9.93	0.10	0.10	-225	2.84	0.03	0.03	-224	29.95	0.30	0.30	-223	7.05	0.07	0.07
-222	1.54	0.02	0.02	-221	1.96	0.02	0.02	-220	14.14	0.14	0.14	-219	3.67	0.04	0.04
-218	25.44	0.25	0.25	-217	7.31	0.07	0.07	-216	21.72	0.22	0.22	-215	29.95	0.30	0.30
-214	3.78	0.04	0.04	-213	3.73	0.04	0.04	-212	21.94	0.22	0.22	-211	2.50	0.03	0.03
-210	3.28	0.03	0.03	-209	4.12	0.04	0.04	-208	2.24	0.02	0.02	-207	2.29	0.02	0.02
-206	5.57	0.06	0.06	-205	11.90	0.12	0.12	-204	15.56	0.16	0.16	-203	12.96	0.13	0.13
-202	4.79	0.05	0.05	-201	4.79	0.05	0.05	-200	2.28	0.02	0.02	-199	26.29	0.26	0.26
-198	6.30	0.06	0.06	-197	5.33	0.05	0.05	-196	17.63	0.18	0.18	-195	16.22	0.16	0.16
-194	12.83	0.13	0.13	-193	2.79	0.03	0.03	-192	0.55	0.01	0.01	-191	0.42	0.00	0.00
-190	11.30	0.11	0.11	-189	23.76	0.24	0.24	-188	9.93	0.10	0.10	-187	2.37	0.02	0.02
-186	6.70	0.07	0.07	-185	13.63	0.14	0.14	-184	10.22	0.10	0.10	-183	4.45	0.04	0.04
-182	6.76	0.07	0.07	-181	0.68	0.01	0.01	-180	15.32	0.15	0.15	-179	17.47	0.17	0.17

-178	14.87	0.15	0.15	-177	4.30	0.04	0.04	-176	10.65	0.11	0.11	-175	9.20	0.09	0.09
-174	4.02	0.04	0.04	-173	14.57	0.15	0.15	-172	17.09	0.17	0.17	-171	13.09	0.13	0.13
-170	10.65	0.11	0.11	-169	10.76	0.11	0.11	-168	11.51	0.12	0.12	-167	4.86	0.05	0.05
-166	13.98	0.14	0.14	-165	2.60	0.03	0.03	-164	7.19	0.07	0.07	-163	32.10	0.32	0.32
-162	17.39	0.17	0.17	-161	23.98	0.24	0.24	-160	16.42	0.16	0.16	-159	22.88	0.23	0.23
-158	24.25	0.24	0.24	-157	34.01	0.34	0.34	-156	28.81	0.29	0.29	-155	28.43	0.28	0.28
-154	19.06	0.19	0.19	-153	20.29	0.20	0.20	-152	17.06	0.17	0.17	-151	34.01	0.34	0.34
-150	10.17	0.10	0.10	-149	12.55	0.13	0.13	-148	6.87	0.07	0.07	-147	44.14	0.44	0.44
-146	26.85	0.27	0.27	-145	13.69	0.14	0.14	-144	26.63	0.27	0.27	-143	17.54	0.18	0.18
-142	10.99	0.11	0.11	-141	21.48	0.21	0.21	-140	38.08	0.38	0.38	-139	6.69	0.07	0.07
-138	7.00	0.07	0.07	-137	28.74	0.29	0.29	-136	20.39	0.20	0.20	-135	10.62	0.11	0.11
-134	29.08	0.29	0.29	-133	37.20	0.37	0.37	-132	10.84	0.11	0.11	-131	36.87	0.37	0.37
-130	49.07	0.49	0.49	-129	1.24	0.01	0.01	-128	3.03	0.03	0.03	-127	2.23	0.02	0.02
-126	0.44	0.00	0.00												

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia
 Modo = Numero del modo di vibrare
 C = * indica che il modo è stato considerato
 Per. = Periodo
 Diff. = Minima differenza percentuale dagli altri periodi
 Φ_x = Coefficiente di partecipazione in dir. X
 Φ_y = Coefficiente di partecipazione in dir. Y
 Φ_z = Coefficiente di partecipazione in dir. Z
 $\%M_x$ = Percentuale massa partecipante in dir. X
 $\%M_y$ = Percentuale massa partecipante in dir. Y
 $\%M_z$ = Percentuale massa partecipante in dir. Z
 $\%J_{pz}$ = Percentuale momento d'inerzia polare partecipante intorno all'asse Z

Modo	C	Per.	Diff.	Φ_x	Φ_y	Φ_z	$\%M_x$	$\%M_y$	$\%M_z$	$\%J_{pz}$
1	*	0.92	40.93	-32.09	-1.78	0.00	0.44	0.00	0.00	0.00
2		0.66	39.80	-0.41	2.22	0.00	0.00	0.00	0.00	0.00
3	*	0.47	7.34	46.72	244.66	0.00	0.93	25.45	0.00	0.00
4	*	0.44	4.32	28.77	-337.11	0.00	0.35	48.32	0.00	0.00
5	*	0.42	0.91	29.45	0.57	0.00	0.37	0.00	0.00	0.00
6	*	0.41	0.91	387.47	-6.92	0.00	63.84	0.02	0.00	0.00
7	*	0.32	6.15	38.97	46.03	0.00	0.65	0.90	0.00	0.00
8	*	0.30	6.15	-27.16	7.96	0.00	0.31	0.03	0.00	0.00
9	*	0.28	4.92	-75.10	21.03	0.00	2.40	0.19	0.00	0.00
10	*	0.27	3.39	-44.60	-4.03	0.00	0.85	0.01	0.00	0.00
11	*	0.26	3.39	48.32	3.61	0.00	0.99	0.01	0.00	0.00
12	*	0.25	3.93	26.54	13.59	0.00	0.30	0.08	0.00	0.00
13	*	0.24	3.93	9.00	23.32	0.00	0.03	0.23	0.00	0.00
14	*	0.23	0.60	55.95	-3.36	0.00	1.33	0.00	0.00	0.00
15		0.23	0.60	8.49	0.99	0.00	0.03	0.00	0.00	0.00
16	*	0.22	1.02	-102.33	-16.92	0.00	4.45	0.12	0.00	0.00
17	*	0.22	1.13	12.30	-25.49	0.00	0.06	0.28	0.00	0.00
18	*	0.22	1.13	36.35	-13.31	0.00	0.56	0.08	0.00	0.00
19		0.22	0.20	-11.30	-16.23	0.00	0.05	0.11	0.00	0.00
20	*	0.22	0.20	-25.85	12.00	0.00	0.28	0.06	0.00	0.00
21		0.20	1.92	14.51	16.10	0.00	0.09	0.11	0.00	0.00
22	*	0.19	1.26	29.04	-27.15	0.00	0.36	0.31	0.00	0.00
23	*	0.19	0.42	-50.33	-4.69	0.00	1.08	0.01	0.00	0.00
24	*	0.19	0.42	-27.07	17.34	0.00	0.31	0.13	0.00	0.00
25	*	0.19	1.64	8.61	-31.17	0.00	0.03	0.41	0.00	0.00
26	*	0.18	0.11	38.37	6.83	0.00	0.63	0.02	0.00	0.00
27	*	0.18	0.11	45.61	5.17	0.00	0.88	0.01	0.00	0.00
28		0.18	2.11	19.91	-7.66	0.00	0.17	0.02	0.00	0.00
29		0.17	0.99	-13.23	-2.23	0.00	0.07	0.00	0.00	0.00
30		0.17	0.08	-22.54	-9.16	0.00	0.22	0.04	0.00	0.00
31	*	0.17	0.08	15.60	23.04	0.00	0.10	0.23	0.00	0.00
32		0.17	1.77	-6.90	-3.37	0.00	0.02	0.00	0.00	0.00
33	*	0.16	0.65	46.26	-8.64	0.00	0.91	0.03	0.00	0.00
34		0.16	0.65	-20.19	-0.51	0.00	0.17	0.00	0.00	0.00
35		0.16	1.70	6.04	15.18	0.00	0.02	0.10	0.00	0.00
36		0.16	0.69	14.05	-2.11	0.00	0.08	0.00	0.00	0.00
37	*	0.16	0.69	-42.21	-13.09	0.00	0.76	0.07	0.00	0.00
38	*	0.15	0.92	14.74	-41.02	0.00	0.09	0.72	0.00	0.00
39		0.15	0.59	12.58	-1.52	0.00	0.07	0.00	0.00	0.00
40		0.15	0.52	17.26	-8.06	0.00	0.13	0.03	0.00	0.00
41		0.15	0.52	6.34	-10.04	0.00	0.02	0.04	0.00	0.00
42	*	0.15	0.64	-13.97	24.71	0.00	0.08	0.26	0.00	0.00
43		0.15	1.52	20.93	9.56	0.00	0.19	0.04	0.00	0.00
44	*	0.14	0.32	10.25	-54.35	0.00	0.04	1.26	0.00	0.00
45		0.14	0.32	12.33	8.29	0.00	0.06	0.03	0.00	0.00
46	*	0.14	0.43	-46.45	-18.88	0.00	0.92	0.15	0.00	0.00
47	*	0.14	0.43	14.24	67.99	0.00	0.09	1.97	0.00	0.00

48		0.14	0.44	4.63	-16.63	0.00	0.01	0.12	0.00	0.00
49	*	0.14	0.44	10.99	-34.83	0.00	0.05	0.52	0.00	0.00
50	*	0.14	1.13	-13.64	18.33	0.00	0.08	0.14	0.00	0.00
51		0.13	0.46	-1.77	14.07	0.00	0.00	0.08	0.00	0.00
52		0.13	0.46	21.81	11.29	0.00	0.20	0.05	0.00	0.00
53	*	0.13	0.99	-25.32	4.44	0.00	0.27	0.01	0.00	0.00
54	*	0.13	0.34	-2.13	17.14	0.00	0.00	0.12	0.00	0.00
55	*	0.13	0.34	-6.66	-20.83	0.00	0.02	0.18	0.00	0.00
56	*	0.13	0.26	5.26	-21.50	0.00	0.01	0.20	0.00	0.00
57	*	0.13	0.26	2.59	21.15	0.00	0.00	0.19	0.00	0.00
58	*	0.13	0.76	-31.30	19.28	0.00	0.42	0.16	0.00	0.00
59		0.13	0.68	-5.51	12.24	0.00	0.01	0.06	0.00	0.00
60	*	0.12	0.34	-6.95	19.23	0.00	0.02	0.16	0.00	0.00
61		0.12	0.34	-15.88	1.00	0.00	0.11	0.00	0.00	0.00
62	*	0.12	0.90	-4.48	35.02	0.00	0.01	0.52	0.00	0.00
63		0.12	0.19	-9.41	6.71	0.00	0.04	0.02	0.00	0.00
64		0.12	0.19	-18.95	-15.66	0.00	0.15	0.10	0.00	0.00
65		0.12	0.45	15.62	-17.09	0.00	0.10	0.12	0.00	0.00
66	*	0.12	0.45	-15.83	21.61	0.00	0.11	0.20	0.00	0.00
67	*	0.12	0.45	-3.47	-31.46	0.00	0.01	0.42	0.00	0.00
68		0.12	0.45	14.44	10.25	0.00	0.09	0.04	0.00	0.00
69	*	0.12	0.18	-2.28	18.67	0.00	0.00	0.15	0.00	0.00
70		0.12	0.18	-4.71	-9.65	0.00	0.01	0.04	0.00	0.00
71	*	0.11	0.48	-25.82	-14.47	0.00	0.28	0.09	0.00	0.00
72		0.11	0.46	23.15	16.94	0.00	0.23	0.12	0.00	0.00
73		0.11	0.46	3.12	-1.98	0.00	0.00	0.00	0.00	0.00
74	*	0.11	1.05	9.57	23.69	0.00	0.04	0.24	0.00	0.00
75	*	0.11	0.16	-5.38	-32.32	0.00	0.01	0.44	0.00	0.00
76	*	0.11	0.16	-20.14	24.36	0.00	0.17	0.25	0.00	0.00
77		0.11	0.83	-3.30	-3.71	0.00	0.00	0.01	0.00	0.00
78	*	0.11	0.72	-8.50	-27.81	0.00	0.03	0.33	0.00	0.00
79	*	0.11	0.72	-25.24	-10.02	0.00	0.27	0.04	0.00	0.00
80		0.11	0.76	6.21	12.69	0.00	0.02	0.07	0.00	0.00
Tot.cons.							86.24	85.71	0.00	0.00

Elenco coefficienti di risposta

Simbologia

Modo = Numero del modo di vibrare

Sx = Coefficiente di risposta (moltiplicato per 100) in dir. X

Sy = Coefficiente di risposta (moltiplicato per 100) in dir. Y

Stato limite di danno

Modo	Sx	Sy
1	14.43	14.43
2	20.35	20.35
3	25.90	25.90
4	25.90	25.90
5	25.90	25.90
6	25.90	25.90
7	25.90	25.90
8	25.90	25.90
9	25.90	25.90
10	25.90	25.90
11	25.90	25.90
12	25.90	25.90
13	25.90	25.90
14	25.90	25.90
15	25.90	25.90
16	25.90	25.90
17	25.90	25.90
18	25.90	25.90
19	25.90	25.90
20	25.90	25.90
21	25.90	25.90
22	25.90	25.90
23	25.90	25.90
24	25.90	25.90
25	25.90	25.90
26	25.90	25.90
27	25.90	25.90
28	25.90	25.90
29	25.90	25.90
30	25.90	25.90
31	25.90	25.90
32	25.73	25.73
33	25.57	25.57
34	25.51	25.51

Fascicolo dei calcoli

35	25.36	25.36
36	25.30	25.30
37	25.30	25.30
38	25.30	25.30
39	25.30	25.30
40	25.30	25.30
41	25.30	25.30
42	25.30	25.30
43	25.30	25.30
44	25.30	25.30
45	25.30	25.30
46	25.30	25.30
47	25.30	25.30
48	25.30	25.30
49	25.30	25.30
50	25.30	25.30
51	25.30	25.30
52	25.30	25.30
53	25.30	25.30
54	25.30	25.30
55	25.30	25.30
56	25.30	25.30
57	25.30	25.30
58	25.30	25.30
59	25.30	25.30
60	25.30	25.30
61	25.30	25.30
62	25.30	25.30
63	25.30	25.30
64	25.30	25.30
65	25.30	25.30
66	25.30	25.30
67	25.30	25.30
68	25.30	25.30
69	25.30	25.30
70	25.30	25.30
71	25.30	25.30
72	25.30	25.30
73	25.30	25.30
74	25.30	25.30
75	25.30	25.30
76	25.30	25.30
77	25.30	25.30
78	25.30	25.30
79	25.30	25.30
80	25.30	25.30

Stato limite di salvaguardia della vita

Modo	Sx	Sy
1	14.68	14.68
2	20.68	20.68
3	25.15	25.15
4	25.15	25.15
5	25.15	25.15
6	25.15	25.15
7	25.15	25.15
8	25.15	25.15
9	25.15	25.15
10	25.15	25.15
11	25.15	25.15
12	25.37	25.37
13	26.10	26.10
14	27.12	27.12
15	27.29	27.29
16	27.57	27.57
17	27.92	27.92
18	28.23	28.23
19	28.65	28.65
20	28.71	28.71
21	30.96	30.96
22	30.96	30.96
23	30.96	30.96
24	30.96	30.96
25	30.96	30.96
26	30.96	30.96
27	30.96	30.96
28	30.96	30.96
29	30.96	30.96
30	30.96	30.96

31	30.96	30.96
32	30.96	30.96
33	30.96	30.96
34	30.96	30.96
35	30.96	30.96
36	30.96	30.96
37	30.96	30.96
38	30.96	30.96
39	30.96	30.96
40	30.96	30.96
41	30.96	30.96
42	30.96	30.96
43	30.96	30.96
44	30.96	30.96
45	30.96	30.96
46	30.96	30.96
47	30.96	30.96
48	30.96	30.96
49	30.96	30.96
50	30.96	30.96
51	30.96	30.96
52	30.96	30.96
53	30.96	30.96
54	30.96	30.96
55	30.96	30.96
56	30.96	30.96
57	30.96	30.96
58	30.96	30.96
59	30.96	30.96
60	30.96	30.96
61	30.96	30.96
62	30.96	30.96
63	30.96	30.96
64	30.96	30.96
65	30.96	30.96
66	30.96	30.96
67	30.96	30.96
68	30.96	30.96
69	30.96	30.96
70	30.96	30.96
71	30.96	30.96
72	30.96	30.96
73	30.96	30.96
74	30.96	30.96
75	30.96	30.96
76	30.96	30.96
77	30.96	30.96
78	30.96	30.96
79	30.96	30.96
80	30.96	30.96

Spostamenti dei nodi allo stato limite ultimo

Simbologia

Nodo = Numero del nodo

Sx = Spostamento in dir. X

CC = Numero della combinazione delle condizioni di carico elementari

Sy = Spostamento in dir. Y

Sz = Spostamento in dir. Z

Rx = Rotazione intorno all'asse X

Ry = Rotazione intorno all'asse Y

Rz = Rotazione intorno all'asse Z

Nodo		Sx <m>	CC	Sy <m>	CC	Sz <m>	CC	Rx <rad>	CC	Ry <rad>	CC	Rz <rad>	CC
-2184	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2184	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2183	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2183	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-2182	Max	0.05	1	0.05	5	-0.01	1	0.00	1	0.00	1	0.01	5
-2182	Min.	-0.04	1	-0.05	5	-0.02	10	0.00	1	-0.00	1	-0.01	5
-2181	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-2181	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	5	-0.00	1	-0.00	1
-2180	Max	0.05	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2180	Min.	-0.05	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2179	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2179	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2178	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2178	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5

-2177	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-2177	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-2176	Max	0.10	1	0.06	5	-0.00	5	0.00	5	0.03	1	0.01	1
-2176	Min.	-0.10	1	-0.06	5	-0.02	5	-0.00	5	-0.03	1	-0.01	1
-2175	Max	0.05	1	0.06	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2175	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	5	-0.00	1	-0.01	1
-2174	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2174	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2173	Max	0.05	1	0.06	5	-0.01	1	0.00	5	0.00	5	0.01	5
-2173	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	0.00	5	-0.00	5
-2172	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2172	Min.	-0.05	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2171	Max	0.05	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2171	Min.	-0.05	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	-0.00	5
-2170	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2170	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2169	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2169	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2168	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2168	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	-0.01	1
-2167	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2167	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2166	Max	0.04	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.01	5
-2166	Min.	-0.04	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	-0.01	5
-2165	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2165	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2164	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2164	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2163	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	5
-2163	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	1	-0.00	1	-0.00	5
-2162	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	5
-2162	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	0.00	1	-0.00	5
-2161	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2161	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-2160	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	5	0.00	1
-2160	Min.	-0.04	1	-0.05	5	-0.02	1	-0.00	5	-0.00	5	-0.00	1
-2159	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	5
-2159	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	5
-2158	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.01	1
-2158	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.01	1
-2157	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2157	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2156	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-2156	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.01	1	-0.01	1
-2155	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.01	1	0.00	5
-2155	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.00	5
-2154	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2154	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2153	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-2153	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-2152	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2152	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2151	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	1
-2151	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-2150	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2150	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2149	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	1
-2149	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-2148	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-2148	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-2147	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2147	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2146	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-2146	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	5
-2145	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-2145	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	5
-2144	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2144	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2143	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2143	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2142	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	5
-2142	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-2141	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-2141	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2140	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2140	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2139	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-2139	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-2138	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5

Fascicolo dei calcoli

-2138	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	0.00	5	-0.00	5
-2137	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-2137	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-2136	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-2136	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2135	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2135	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2134	Max	0.02	1	0.05	5	0.01	5	0.00	5	0.00	1	0.01	1
-2134	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2133	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-2133	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2132	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2132	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2131	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2131	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2130	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.01	1	0.01	1
-2130	Min.	-0.04	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-2129	Max	0.04	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-2129	Min.	-0.04	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2128	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2128	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2127	Max	0.16	1	0.05	5	0.00	5	0.00	5	0.01	1	0.08	1
-2127	Min.	-0.16	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.08	1
-2126	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	1
-2126	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-2125	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2125	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2124	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	1
-2124	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-2123	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2123	Min.	-0.04	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2122	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2122	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-2121	Max	0.04	1	0.03	5	-0.00	1	0.01	1	0.00	1	0.00	1
-2121	Min.	-0.03	1	-0.03	5	-0.02	1	-0.01	1	-0.00	1	-0.00	1
-2120	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2120	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-2119	Max	0.07	1	0.05	5	-0.01	5	0.01	5	0.01	1	0.07	1
-2119	Min.	-0.06	1	-0.05	5	-0.01	11	-0.01	5	-0.01	1	-0.07	1
-2118	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2118	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-2117	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2117	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2116	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.01	1	0.01	1
-2116	Min.	-0.05	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-2115	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2115	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-2114	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	1
-2114	Min.	-0.04	1	-0.05	5	-0.02	11	-0.01	1	-0.00	1	-0.00	1
-2113	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2113	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2112	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	1
-2112	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	1
-2111	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-2111	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-2110	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2110	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2109	Max	0.04	1	0.04	5	-0.00	1	0.00	1	0.00	1	0.00	5
-2109	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	1	-0.00	1	-0.00	5
-2108	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	5
-2108	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	5
-2107	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2107	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-2106	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2106	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-2105	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-2105	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-2104	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	5
-2104	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.01	1	-0.00	5
-2103	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2103	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	-0.00	1
-2102	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2102	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2101	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2101	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2100	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2100	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2099	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2099	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	-0.01	1

-2098	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	5
-2098	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	5
-2097	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2097	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2096	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2096	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-2095	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	5	0.01	5
-2095	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.01	5	-0.01	5
-2094	Max	0.05	1	0.05	5	-0.00	5	0.00	5	0.02	1	0.01	1
-2094	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.02	1	-0.01	1
-2093	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-2093	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2092	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2092	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2091	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2091	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2090	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2090	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	-0.00	5
-2089	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2089	Min.	-0.03	1	-0.03	5	-0.02	1	0.00	5	-0.00	1	-0.00	5
-2088	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2088	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2087	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2087	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-2086	Max	0.05	1	0.05	5	-0.01	1	0.01	5	0.00	1	0.01	1
-2086	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-2085	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2085	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	-0.00	5
-2084	Max	0.05	1	0.05	5	-0.01	1	0.00	1	0.00	1	0.01	1
-2084	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	1	0.00	1	-0.01	1
-2083	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2083	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2082	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2082	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2081	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2081	Min.	-0.03	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-2080	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2080	Min.	-0.03	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-2079	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-2079	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-2078	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.02	5
-2078	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	0.00	1	-0.02	5
-2077	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	5	0.02	5
-2077	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	0.00	5	-0.02	5
-2076	Max	0.05	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.02	5
-2076	Min.	-0.05	1	-0.04	5	-0.02	12	-0.01	5	-0.00	1	-0.02	5
-2075	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.01	5
-2075	Min.	-0.05	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-2074	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-2074	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-2073	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-2073	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-2072	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2072	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-2071	Max	0.05	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-2071	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	5	-0.00	5
-2070	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2070	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2069	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2069	Min.	-0.03	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-2068	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2068	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-2067	Max	0.04	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-2067	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-2066	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-2066	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-2065	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2065	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-2064	Max	0.04	1	0.04	5	0.00	1	0.01	1	0.00	1	0.00	1
-2064	Min.	-0.03	1	-0.04	5	-0.02	1	-0.01	1	-0.00	1	-0.00	1
-2063	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2063	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2062	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2062	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2061	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2061	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2060	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-2060	Min.	-0.04	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2059	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1

Fascicolo dei calcoli

-2059	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2058	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2058	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2057	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2057	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2056	Max	0.03	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-2056	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2055	Max	0.03	1	0.04	5	0.01	1	0.00	1	0.00	1	0.00	5
-2055	Min.	-0.03	1	-0.04	5	-0.03	1	-0.01	1	-0.01	1	-0.00	5
-2054	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.01	1	0.00	5
-2054	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-2053	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2053	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-2052	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2052	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2051	Max	0.02	1	0.06	5	0.00	5	0.00	5	0.00	1	0.01	5
-2051	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-2050	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-2050	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-2049	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-2049	Min.	-0.02	1	-0.06	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-2048	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-2048	Min.	-0.02	1	-0.06	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-2047	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2047	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2046	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2046	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2045	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2045	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2044	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2044	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2043	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2043	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2042	Max	0.02	1	0.04	5	0.00	5	0.00	1	0.00	1	0.01	5
-2042	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	1	0.00	1	-0.01	5
-2041	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-2041	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-2040	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-2040	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2039	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2039	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2038	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2038	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2037	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	5
-2037	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	5
-2036	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-2036	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2035	Max	0.03	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-2035	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.01	1	-0.01	1
-2034	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-2034	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-2033	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2033	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	0.00	1	-0.00	1
-2032	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-2032	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-2031	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2031	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2030	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	1
-2030	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-2029	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-2029	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2028	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-2028	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-2027	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-2027	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-2026	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2026	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2025	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2025	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2024	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2024	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-2023	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2023	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.00	1
-2022	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-2022	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2021	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.01	5
-2021	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-2020	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.01	1
-2020	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.01	1

Fascicolo dei calcoli

-2019	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2019	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2018	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2018	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2017	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-2017	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-2016	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-2016	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-2015	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2015	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2014	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-2014	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2013	Max	0.02	1	0.05	5	0.01	5	0.00	5	0.00	1	0.01	1
-2013	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2012	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-2012	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2011	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2011	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2010	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2010	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2009	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.01	1	0.01	1
-2009	Min.	-0.04	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-2008	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-2008	Min.	-0.04	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-2007	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2007	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2006	Max	0.16	1	0.05	5	0.00	5	0.00	5	0.01	1	0.08	1
-2006	Min.	-0.16	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.08	1
-2005	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	1
-2005	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-2004	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2004	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2003	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	1
-2003	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-2002	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-2002	Min.	-0.04	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-2001	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-2001	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-2000	Max	0.04	1	0.03	5	-0.00	1	0.00	1	0.00	1	0.00	1
-2000	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	1	-0.00	1	-0.00	1
-1999	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1999	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1998	Max	0.07	1	0.05	5	-0.01	5	0.01	5	0.01	1	0.07	1
-1998	Min.	-0.06	1	-0.05	5	-0.01	11	-0.00	5	-0.01	1	-0.07	1
-1997	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1997	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1996	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1996	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1995	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.01	1	0.01	1
-1995	Min.	-0.05	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-1994	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1994	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1993	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	1
-1993	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	1
-1992	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1992	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1991	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1991	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1990	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1990	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1989	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1989	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1988	Max	0.04	1	0.04	5	-0.00	1	0.00	1	0.00	1	0.00	5
-1988	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	1	-0.00	1	-0.00	5
-1987	Max	0.04	1	0.05	5	-0.01	5	0.00	1	0.00	1	0.00	5
-1987	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	5
-1986	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1986	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	0.00	1	-0.00	5
-1985	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1985	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1984	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1984	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1983	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	5
-1983	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.01	1	-0.01	5
-1982	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1982	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	-0.00	1
-1981	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1981	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1980	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1

-1980	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1979	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1979	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1978	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1978	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	-0.01	1
-1977	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	5
-1977	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	5
-1976	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1976	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1975	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1975	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-1974	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	5	0.01	5
-1974	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.01	5	-0.01	5
-1973	Max	0.05	1	0.05	5	-0.00	5	0.00	5	0.01	1	0.01	1
-1973	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-1972	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1972	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1971	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1971	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1970	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1970	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1969	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1969	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	-0.00	5
-1968	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1968	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1967	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1967	Min.	-0.04	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1966	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1966	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1965	Max	0.05	1	0.05	5	-0.01	1	0.00	1	0.00	1	0.01	1
-1965	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	1	-0.00	1	-0.01	1
-1964	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1964	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1963	Max	0.05	1	0.05	5	-0.01	1	0.00	1	0.00	1	0.01	1
-1963	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	1	-0.00	1	-0.01	1
-1962	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1962	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1961	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1961	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1960	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1960	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1959	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1959	Min.	-0.03	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1958	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1958	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1957	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	5	0.02	5
-1957	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	0.00	5	-0.02	5
-1956	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	5	0.02	5
-1956	Min.	-0.05	1	-0.05	5	-0.02	12	-0.01	5	0.00	5	-0.02	5
-1955	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.02	5
-1955	Min.	-0.05	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.02	5
-1954	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1954	Min.	-0.05	1	-0.05	5	-0.02	12	-0.01	5	0.00	1	-0.01	5
-1953	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1953	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1952	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1952	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1951	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1951	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1950	Max	0.05	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1950	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1949	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1949	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1948	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1948	Min.	-0.03	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1947	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1947	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-1946	Max	0.04	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1946	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1945	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1945	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1944	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1944	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1943	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1943	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1942	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1942	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1941	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1941	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1

-1940	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1940	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1939	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1939	Min.	-0.04	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1938	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1938	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1937	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1937	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1936	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1936	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1935	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1935	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1934	Max	0.03	1	0.04	5	0.01	1	0.00	1	0.00	1	0.00	5
-1934	Min.	-0.03	1	-0.04	5	-0.03	1	-0.01	1	-0.01	1	-0.00	5
-1933	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1933	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	5	-0.00	5
-1932	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1932	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1931	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1931	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1930	Max	0.02	1	0.06	5	0.00	5	0.00	5	0.00	5	0.01	5
-1930	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1929	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1929	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1928	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1928	Min.	-0.02	1	-0.06	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1927	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1927	Min.	-0.02	1	-0.06	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1926	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1926	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1925	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1925	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1924	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1924	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1923	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1923	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1922	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1922	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1921	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1921	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1920	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1920	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1919	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-1919	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1918	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1918	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1917	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1917	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1916	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	5
-1916	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.01	5
-1915	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1915	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1914	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1914	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1913	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-1913	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1912	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1912	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1911	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1911	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1910	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1910	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1909	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1909	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1908	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1908	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1907	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1907	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-1906	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1906	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1905	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1905	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1904	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1904	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1903	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1903	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.00	5
-1902	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1902	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.00	1
-1901	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5

-1901	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	5
-1900	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1900	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1899	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1899	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	1
-1898	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1898	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	1
-1897	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1897	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	1
-1896	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1896	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1895	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1895	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1894	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1894	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1893	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1893	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1892	Max	0.02	1	0.05	5	0.01	5	0.00	5	0.00	5	0.01	1
-1892	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	5	-0.01	1
-1891	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1891	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1890	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1890	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1889	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1889	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1888	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1888	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1887	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1887	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1886	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1886	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1885	Max	0.16	1	0.05	5	0.00	5	0.00	5	0.01	1	0.08	1
-1885	Min.	-0.16	1	-0.05	5	-0.02	5	-0.00	5	-0.01	1	-0.08	1
-1884	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1884	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1883	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1883	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1882	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	1
-1882	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-1881	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1881	Min.	-0.04	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1880	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1880	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1879	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1879	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1878	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1878	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1877	Max	0.07	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.07	1
-1877	Min.	-0.07	1	-0.05	5	-0.01	11	-0.00	5	-0.01	1	-0.07	1
-1876	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1876	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1875	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1875	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1874	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.01	1	0.01	1
-1874	Min.	-0.05	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-1873	Max	0.04	1	0.04	5	-0.01	5	0.00	1	0.00	1	0.01	1
-1873	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.01	1
-1872	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1872	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1871	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1871	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1870	Max	0.04	1	0.04	5	-0.01	5	0.00	1	0.00	1	0.00	1
-1870	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	0.00	1	-0.00	1
-1869	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	1
-1869	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	5	-0.00	1
-1868	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1868	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1867	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1867	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1866	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1866	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1865	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1865	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1864	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1864	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	0.00	1	-0.00	1
-1863	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	1
-1863	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	5	-0.00	1
-1862	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.01	5
-1862	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.01	1	-0.01	5

-1861	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1861	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1860	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1860	Min.	-0.04	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1859	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1859	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1858	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1858	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1857	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1857	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1856	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	5
-1856	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	5
-1855	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1855	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1854	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1854	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-1853	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1853	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1852	Max	0.05	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1852	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1851	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1851	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1850	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1850	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1849	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1849	Min.	-0.04	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1848	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1848	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1847	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1847	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1846	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1846	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1845	Max	0.05	1	0.04	5	-0.01	5	0.00	1	0.00	1	0.00	5
-1845	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	1	-0.00	1	-0.00	5
-1844	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1844	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	5	-0.00	1	-0.01	1
-1843	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1843	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1842	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1842	Min.	-0.05	1	-0.05	5	-0.02	10	0.00	5	-0.00	1	-0.01	1
-1841	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1841	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1840	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1840	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1839	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1839	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1838	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1838	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1837	Max	0.05	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1837	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1836	Max	0.05	1	0.04	5	-0.01	5	0.01	5	0.00	5	0.02	5
-1836	Min.	-0.05	1	-0.04	5	-0.02	12	-0.01	5	0.00	5	-0.02	5
-1835	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	5	0.01	5
-1835	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.00	5	-0.01	5
-1834	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.02	5
-1834	Min.	-0.05	1	-0.05	5	-0.02	12	-0.01	5	0.00	1	-0.02	5
-1833	Max	0.04	1	0.06	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1833	Min.	-0.04	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1832	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1832	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1831	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1831	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1830	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1830	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1829	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1829	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1828	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1828	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1827	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1827	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1826	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1826	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-1825	Max	0.04	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1825	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1824	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1824	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1823	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1823	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1822	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1

-1822	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1821	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1821	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1820	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1820	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1819	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1819	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1818	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1818	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1817	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1817	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1816	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1816	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1815	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1815	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1814	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1814	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1813	Max	0.03	1	0.03	5	0.01	1	0.00	1	0.00	1	0.00	5
-1813	Min.	-0.02	1	-0.03	5	-0.03	1	-0.00	1	-0.00	1	-0.00	5
-1812	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1812	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	5	-0.00	5
-1811	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1811	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1810	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1810	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1809	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1809	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1808	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1808	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1807	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1807	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1806	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1806	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1805	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1805	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1804	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1804	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1803	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1803	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1802	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1802	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1801	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1801	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1800	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1800	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1799	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1799	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1798	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-1798	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1797	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1797	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1796	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1796	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1795	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	5
-1795	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	0.00	1	-0.00	5
-1794	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1794	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1793	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1793	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1792	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1792	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1791	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1791	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1790	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1790	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1789	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1789	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1788	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1788	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1787	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1787	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1786	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1786	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1785	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1785	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1784	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1784	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1783	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1783	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.00	5

-1782	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1782	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-1781	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1781	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	5	-0.00	1
-1780	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1780	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1779	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.01	5
-1779	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1778	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1778	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	1
-1777	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1777	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	1
-1776	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-1776	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-1775	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1775	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1774	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1774	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1773	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1773	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1772	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1772	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1771	Max	0.02	1	0.05	5	0.01	5	0.00	5	0.00	1	0.01	1
-1771	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1770	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1770	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1769	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1769	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1768	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1768	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1767	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1767	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1766	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1766	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1765	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1765	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1764	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1764	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1763	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1763	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1762	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1762	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1761	Max	0.04	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1761	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1760	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1760	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1759	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1759	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1758	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1758	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1757	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1757	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1756	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1756	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1755	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.01	1	0.01	1
-1755	Min.	-0.05	1	-0.05	5	-0.02	11	-0.00	5	-0.01	1	-0.01	1
-1754	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1754	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1753	Max	0.04	1	0.04	5	-0.01	5	0.00	1	0.00	1	0.00	1
-1753	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	1	-0.00	1	-0.00	1
-1752	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1752	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1751	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1751	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	-0.00	5
-1750	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	1
-1750	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	5	-0.00	1
-1749	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1749	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1748	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	5
-1748	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1747	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1747	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1746	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1746	Min.	-0.04	1	-0.05	5	-0.02	11	-0.00	5	0.00	1	-0.00	5
-1745	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1745	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1744	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	1
-1744	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	5	-0.00	1
-1743	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.01	1	0.00	5

-1743	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.01	1	-0.00	5
-1742	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1742	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1741	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1741	Min.	-0.04	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1740	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1740	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1739	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1739	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1738	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1738	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1737	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	5
-1737	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	5
-1736	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.01	1
-1736	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1735	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1735	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	0.00	1	-0.01	1
-1734	Max	0.05	1	0.05	5	-0.00	5	0.01	5	0.00	1	0.00	5
-1734	Min.	-0.05	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1733	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1733	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1732	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1732	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1731	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1731	Min.	-0.04	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1730	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1730	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1729	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1729	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1728	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1728	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1727	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1727	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1726	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1726	Min.	-0.05	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1725	Max	0.05	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1725	Min.	-0.05	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1724	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1724	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1723	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1723	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1722	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1722	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1721	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1721	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1720	Max	0.05	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1720	Min.	-0.05	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.01	5
-1719	Max	0.05	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.02	5
-1719	Min.	-0.05	1	-0.04	5	-0.02	12	-0.01	5	-0.00	1	-0.02	5
-1718	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1718	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1717	Max	0.05	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1717	Min.	-0.05	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1716	Max	0.04	1	0.06	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1716	Min.	-0.04	1	-0.06	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1715	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1715	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1714	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1714	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1713	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1713	Min.	-0.04	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1712	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1712	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1711	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1711	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1710	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1710	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1709	Max	0.04	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.01	1
-1709	Min.	-0.04	1	-0.05	5	-0.02	12	-0.00	5	-0.00	1	-0.01	1
-1708	Max	0.04	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1708	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1707	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1707	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1706	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1706	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1705	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1705	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1704	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1704	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1

-1703	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1703	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1702	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1702	Min.	-0.03	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1701	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1701	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1700	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1700	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1699	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1699	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1698	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1698	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1697	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1697	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1696	Max	0.03	1	0.03	5	0.01	1	0.00	5	0.00	1	0.00	5
-1696	Min.	-0.02	1	-0.03	5	-0.03	1	-0.00	5	-0.00	1	-0.00	5
-1695	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1695	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1694	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1694	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1693	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1693	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1692	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1692	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1691	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1691	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1690	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1690	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1689	Max	0.02	1	0.06	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1689	Min.	-0.02	1	-0.06	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1688	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1688	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1687	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1687	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1686	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1686	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	5
-1685	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1685	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1684	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1684	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1683	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1683	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1682	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1682	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1681	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	1
-1681	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1680	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1680	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1679	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	1
-1679	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1678	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.01	5
-1678	Min.	-0.02	1	-0.05	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1677	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1677	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1676	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1676	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1675	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1675	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1674	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1674	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1673	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1673	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1672	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1672	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1671	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1671	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1670	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1670	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1669	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1669	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1668	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1668	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1667	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1667	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1666	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1666	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1665	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1665	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1664	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5

-1664	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1663	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1663	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1662	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1662	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1661	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	1
-1661	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-1660	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-1660	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-1659	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	1	0.00	5
-1659	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1658	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.00	5
-1658	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-1657	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1657	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1656	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1656	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1655	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1655	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1654	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1654	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1653	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.01	1
-1653	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1652	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1652	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	0.00	5	-0.01	1
-1651	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1651	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1650	Max	0.03	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1650	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1649	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	1
-1649	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1648	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1648	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1647	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1647	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1646	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1646	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1645	Max	0.04	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1645	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1644	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1644	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1643	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1643	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1642	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1642	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1641	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1641	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1640	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1640	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1639	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1639	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1638	Max	0.04	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1638	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1637	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1637	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1636	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1636	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1635	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1635	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1634	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1634	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1633	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1633	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1632	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1632	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1631	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1631	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1630	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1630	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1629	Max	0.05	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.00	5
-1629	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1628	Max	0.05	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1628	Min.	-0.05	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1627	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1627	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1626	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1626	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1625	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1625	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1

-1624	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1624	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1623	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1623	Min.	-0.04	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1622	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1622	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1621	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1621	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1620	Max	0.05	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1620	Min.	-0.05	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1619	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1619	Min.	-0.05	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1618	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1618	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1617	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1617	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1616	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1616	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1615	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1615	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1614	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1614	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1613	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1613	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1612	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1612	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1611	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1611	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1610	Max	0.04	1	0.05	5	-0.01	1	0.01	5	0.00	1	0.01	5
-1610	Min.	-0.04	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1609	Max	0.04	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1609	Min.	-0.04	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1608	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1608	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1607	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1607	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1606	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1606	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1605	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1605	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1604	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1604	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1603	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1603	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1602	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.00	1
-1602	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-1601	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1601	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1600	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1600	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1599	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1599	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1598	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1598	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1597	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1597	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1596	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1596	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1595	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1595	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1594	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1594	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1593	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1593	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1592	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1592	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1591	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1591	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1590	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1590	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1589	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1589	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1588	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1588	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1587	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.00	5
-1587	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1586	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1586	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1585	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5

-1585	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1584	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1584	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1583	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1583	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1582	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1582	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1581	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1581	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1580	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1580	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1579	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1579	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1578	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1578	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-1577	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1577	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1576	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1576	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	5	-0.00	5
-1575	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1575	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1574	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1574	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1573	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1573	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1572	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1572	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1571	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1571	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	0.00	5	-0.01	1
-1570	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1570	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1569	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1569	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1568	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1568	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1567	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1567	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1566	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1566	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1565	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1565	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1564	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1564	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1563	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1563	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1562	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1562	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1561	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1561	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1560	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1560	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1559	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1559	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1558	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1558	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1557	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1557	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1556	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1556	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1555	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1555	Min.	-0.05	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1554	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1554	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1553	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1553	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1552	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1552	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1551	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1551	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1550	Max	0.04	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1550	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1549	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.01	5
-1549	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	0.00	1	-0.01	5
-1548	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1548	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1547	Max	0.05	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1547	Min.	-0.05	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1546	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1546	Min.	-0.05	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1

Fascicolo dei calcoli

-1545	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1545	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1544	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1544	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1543	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1543	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1542	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1542	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1541	Max	0.04	1	0.05	5	-0.01	1	0.01	5	0.00	1	0.01	5
-1541	Min.	-0.04	1	-0.05	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1540	Max	0.04	1	0.05	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1540	Min.	-0.04	1	-0.04	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1539	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1539	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1538	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1538	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1537	Max	0.04	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.00	1
-1537	Min.	-0.04	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-1536	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1536	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1535	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1535	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1534	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1534	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1533	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1533	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1532	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1532	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1531	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1531	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1530	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1530	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1529	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1529	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1528	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1528	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1527	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1527	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1526	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1526	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1525	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1525	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1524	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1524	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-1523	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1523	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1522	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1522	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1521	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1521	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1520	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1520	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1519	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1519	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1518	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1518	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1517	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1517	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1516	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1516	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1515	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1515	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1514	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1514	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1513	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.01	5
-1513	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1512	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	5
-1512	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1511	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1511	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1510	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1510	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1509	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1509	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1508	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1508	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1507	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1507	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1506	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5

-1506	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1505	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1505	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1504	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1504	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1503	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1503	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1502	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1502	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1501	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1501	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1500	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1500	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1499	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1499	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1498	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1498	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1497	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1497	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1496	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1496	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1495	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1495	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1494	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1494	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1493	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1493	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1492	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1492	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1491	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1491	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1490	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1490	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1489	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1489	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1488	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1488	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1487	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1487	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1486	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1486	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1485	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1485	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1484	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1484	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1483	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1483	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1482	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1482	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1481	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1481	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1480	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1480	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1479	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1479	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1478	Max	0.05	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1478	Min.	-0.05	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1477	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1477	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1476	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1476	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1475	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1475	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1474	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1474	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1473	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1473	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1472	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	1
-1472	Min.	-0.04	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1471	Max	0.04	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-1471	Min.	-0.04	1	-0.03	5	-0.02	12	-0.01	5	-0.00	1	-0.00	5
-1470	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1470	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1469	Max	0.05	1	0.04	5	-0.01	5	0.00	5	0.01	1	0.00	1
-1469	Min.	-0.05	1	-0.04	5	-0.02	10	-0.00	5	-0.01	1	-0.00	1
-1468	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1468	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1467	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1467	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5

-1466	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1466	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1465	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1465	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1464	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1464	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1463	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1463	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1462	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1462	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1461	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1461	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1460	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1460	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1459	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1459	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1458	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1458	Min.	-0.04	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1457	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	5
-1457	Min.	-0.04	1	-0.03	5	-0.02	12	-0.01	5	-0.00	1	-0.01	5
-1456	Max	0.04	1	0.04	5	-0.01	1	0.02	5	0.00	1	0.00	5
-1456	Min.	-0.04	1	-0.04	5	-0.02	9	-0.02	5	-0.00	1	-0.01	5
-1455	Max	0.04	1	0.04	5	-0.01	1	0.02	5	0.01	1	0.00	5
-1455	Min.	-0.04	1	-0.04	5	-0.02	10	-0.02	5	-0.01	1	-0.00	5
-1454	Max	0.04	1	0.04	5	-0.01	1	0.02	5	0.00	1	0.00	5
-1454	Min.	-0.04	1	-0.04	5	-0.02	12	-0.02	5	-0.00	1	-0.00	5
-1453	Max	0.04	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1453	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-1452	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1452	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1451	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1451	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1450	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1450	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1449	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1449	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1448	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1448	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1447	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1447	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1446	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1446	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1445	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1445	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1444	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1444	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1443	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1443	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1442	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1442	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1441	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1441	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1440	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1440	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1439	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	1
-1439	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-1438	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1438	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1437	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1437	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1436	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.00	1
-1436	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-1435	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1435	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1434	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1434	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1433	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1433	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1432	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1432	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1431	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1431	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1430	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	5	0.00	5
-1430	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-1429	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	1	0.00	5
-1429	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-1428	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	1	0.01	5
-1428	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1427	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	5

Fascicolo dei calcoli

-1427	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1426	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1426	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	0.00	5	-0.01	5
-1425	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1425	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1424	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1424	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1423	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1423	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1422	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	5
-1422	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1421	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1421	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	-0.01	5
-1420	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1420	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1419	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1419	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1418	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1418	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1417	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1417	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1416	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1416	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1415	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1415	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1414	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1414	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1413	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1413	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1412	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1412	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1411	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1411	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1410	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1410	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1409	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1409	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1408	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1408	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1407	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1407	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1406	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1406	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1405	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1405	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1404	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1404	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1403	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1403	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1402	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1402	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1401	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1401	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1400	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1400	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1399	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1399	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1398	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1398	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1397	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1397	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1396	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1396	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1395	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1395	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1394	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1394	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1393	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1393	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1392	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1392	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1391	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1391	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1390	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1390	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1389	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1389	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1388	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1388	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1

-1387	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1387	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1386	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1386	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1385	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1385	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1384	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1384	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1383	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1383	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1382	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1382	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1381	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1381	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1380	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1380	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1379	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1379	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1378	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1378	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1377	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1377	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1376	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1376	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1375	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1375	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1374	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	1
-1374	Min.	-0.04	1	-0.03	5	-0.02	1	-0.01	5	-0.00	1	-0.01	1
-1373	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1373	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1372	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1372	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1371	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1371	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1370	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1370	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1369	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1369	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1368	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1368	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1367	Max	0.05	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1367	Min.	-0.05	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1366	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1366	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1365	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1365	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1364	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1364	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1363	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1363	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-1362	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1362	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1361	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	1
-1361	Min.	-0.04	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1360	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1360	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1359	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1359	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1358	Max	0.05	1	0.04	5	-0.01	5	0.01	5	0.01	1	0.00	1
-1358	Min.	-0.05	1	-0.04	5	-0.02	10	-0.01	5	-0.01	1	-0.00	1
-1357	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1357	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1356	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1356	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1355	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1355	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1354	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1354	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1353	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1353	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1352	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1352	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1351	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1351	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1350	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1350	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1349	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1349	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1348	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1

-1348	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1347	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1347	Min.	-0.04	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1346	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.01	1	0.01	5
-1346	Min.	-0.04	1	-0.03	5	-0.02	12	-0.01	5	-0.01	1	-0.01	5
-1345	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.01	1	0.01	5
-1345	Min.	-0.04	1	-0.03	5	-0.02	9	-0.01	5	-0.01	1	-0.01	5
-1344	Max	0.04	1	0.03	5	-0.01	1	0.02	5	0.01	1	0.00	1
-1344	Min.	-0.04	1	-0.03	5	-0.02	10	-0.02	5	-0.01	1	-0.00	1
-1343	Max	0.04	1	0.04	5	-0.01	1	0.02	5	0.00	1	0.01	5
-1343	Min.	-0.04	1	-0.04	5	-0.02	12	-0.02	5	-0.00	1	-0.00	5
-1342	Max	0.04	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1342	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-1341	Max	0.04	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1341	Min.	-0.04	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1340	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1340	Min.	-0.04	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1339	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1339	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1338	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1338	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1337	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1337	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1336	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1336	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1335	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1335	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1334	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1334	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1333	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1333	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1332	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1332	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1331	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1331	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1330	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1330	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1329	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1329	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1328	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	1
-1328	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-1327	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1327	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1326	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1326	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1325	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	1
-1325	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-1324	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1324	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1323	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1323	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1322	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1322	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1321	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1321	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1320	Max	0.02	1	0.05	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1320	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1319	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	5	0.00	5
-1319	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-1318	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	1	0.00	5
-1318	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-1317	Max	0.02	1	0.05	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1317	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1316	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.01	5
-1316	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1315	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1315	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	0.00	5	-0.01	5
-1314	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1314	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1313	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1313	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1312	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1312	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1311	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	5
-1311	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1310	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1310	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1309	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.00	1
-1309	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1

Fascicolo dei calcoli

-1308	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1308	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1307	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1307	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1306	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1306	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1305	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1305	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1304	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1304	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1303	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1303	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1302	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	
-1302	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	
-1301	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1301	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1300	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1300	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1299	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1299	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1298	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.00	5
-1298	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1297	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1297	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1296	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1296	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1295	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1295	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1294	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1294	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1293	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1293	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1292	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1292	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1291	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1291	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	5
-1290	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1290	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1289	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1289	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1288	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1288	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1287	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1287	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1286	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1286	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1285	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1285	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1284	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1284	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1283	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1283	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1282	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1282	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1281	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1281	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1280	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1280	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1279	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1279	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1278	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1278	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1277	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1277	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1276	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1276	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1275	Max	0.17	1	0.03	5	0.00	5	0.00	5	0.01	1	0.08	1
-1275	Min.	-0.17	1	-0.03	5	-0.02	5	-0.00	5	-0.01	1	-0.08	1
-1274	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1274	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1273	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1273	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1272	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1272	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1271	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1271	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1270	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1270	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1269	Max	0.03	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	

-1269	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1268	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1268	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1267	Max	0.07	1	0.03	5	-0.01	5	0.00	5	0.00	5	0.07	1
-1267	Min.	-0.07	1	-0.03	5	-0.01	11	-0.00	5	-0.00	5	-0.07	1
-1266	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1266	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1265	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1265	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1264	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1264	Min.	-0.04	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1263	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1263	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1262	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.01	1	0.00	5
-1262	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.01	1	-0.00	5
-1261	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1261	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1260	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1260	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1259	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1259	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1258	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1258	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1257	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1257	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1256	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1256	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1255	Max	0.03	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.00	5
-1255	Min.	-0.03	1	-0.04	5	-0.02	11	-0.01	5	-0.00	1	-0.00	5
-1254	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1254	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1253	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1253	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1252	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1252	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1251	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1251	Min.	-0.04	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1250	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1250	Min.	-0.05	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1249	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1249	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1248	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1248	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1247	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1247	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1246	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1246	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1245	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1245	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1244	Max	0.04	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	1
-1244	Min.	-0.04	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1243	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1243	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1242	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	5
-1242	Min.	-0.04	1	-0.03	5	-0.01	5	-0.00	5	-0.00	1	-0.01	5
-1241	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1241	Min.	-0.04	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1240	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.01	1	0.00	1
-1240	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1239	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1239	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1238	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1238	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1237	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1237	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1236	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1236	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1235	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1235	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1234	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1234	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1233	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1233	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1232	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1232	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1231	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1231	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1230	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1230	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1

-1229	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1229	Min.	-0.02	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1228	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1228	Min.	-0.04	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1227	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1227	Min.	-0.03	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1226	Max	0.03	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1226	Min.	-0.03	1	-0.03	5	-0.01	12	-0.01	5	-0.00	1	-0.01	5
-1225	Max	0.03	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1225	Min.	-0.03	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.01	5
-1224	Max	0.03	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.01	1
-1224	Min.	-0.03	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1223	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1223	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1222	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1222	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1221	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1221	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1220	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1220	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1219	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1219	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1218	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1218	Min.	-0.02	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1217	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1217	Min.	-0.03	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.01	1
-1216	Max	0.03	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1216	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1215	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1215	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1214	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1214	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1213	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1213	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1212	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1212	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1211	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1211	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1210	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1210	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1209	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1209	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1208	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1208	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1207	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1207	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1206	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1206	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1205	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1205	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1204	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-1204	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1203	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1203	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1202	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1202	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1201	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1201	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1200	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.01	5
-1200	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1199	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	5
-1199	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-1198	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	5
-1198	Min.	-0.02	1	-0.05	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-1197	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.01	5
-1197	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.01	5
-1196	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1196	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	0.00	5	-0.01	5
-1195	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1195	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1194	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1194	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-1193	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1193	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1192	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1192	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1191	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1191	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1190	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5

Fascicolo dei calcoli

-1190	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1189	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1189	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1188	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1188	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1187	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1187	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1186	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1186	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1185	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1185	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1184	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-1184	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	
-1183	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	
-1183	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1182	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1182	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1181	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1181	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1180	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1180	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1179	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	1
-1179	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-1178	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.00	5
-1178	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1177	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1177	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1176	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1176	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1175	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1175	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1174	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1174	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1173	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1173	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1172	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-1172	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-1171	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1171	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1170	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1170	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1169	Max	0.01	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1169	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1168	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1168	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1167	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1167	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1166	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1166	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1165	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1165	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1164	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1164	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1163	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1163	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1162	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1162	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-1161	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.01	1
-1161	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1160	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1160	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1159	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1159	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1158	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1158	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1157	Max	0.03	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1157	Min.	-0.03	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-1156	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1156	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1155	Max	0.17	1	0.03	5	0.00	5	0.00	5	0.01	1	0.07	1
-1155	Min.	-0.16	1	-0.03	5	-0.02	5	-0.00	5	-0.01	1	-0.07	1
-1154	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1154	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1153	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1153	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1152	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1152	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1151	Max	0.03	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.01	1
-1151	Min.	-0.03	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.01	1

-1150	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1150	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1149	Max	0.03	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1149	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1148	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1148	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1147	Max	0.07	1	0.03	5	-0.01	5	0.01	5	0.01	1	0.07	1
-1147	Min.	-0.07	1	-0.03	5	-0.01	11	-0.01	5	-0.01	1	-0.07	1
-1146	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1146	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1145	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1145	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1144	Max	0.04	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1144	Min.	-0.04	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1143	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1143	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1142	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1142	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1141	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1141	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1140	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1140	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1139	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1139	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1138	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1138	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1137	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1137	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1136	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1136	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1135	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1135	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1134	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1134	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1133	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1133	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1132	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1132	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1131	Max	0.04	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1131	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1130	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1130	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1129	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1129	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1128	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1128	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1127	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1127	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1126	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	5
-1126	Min.	-0.03	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1125	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.01	1
-1125	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1124	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1124	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1123	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.01	5	0.01	5
-1123	Min.	-0.04	1	-0.03	5	-0.01	5	-0.00	5	-0.01	5	-0.01	5
-1122	Max	0.04	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1122	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1121	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1121	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1120	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1120	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1119	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1119	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1118	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1118	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1117	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1117	Min.	-0.03	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1116	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1116	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1115	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1115	Min.	-0.04	1	-0.03	5	-0.02	10	0.00	5	-0.00	1	-0.01	1
-1114	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1114	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1113	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1113	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1112	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1112	Min.	-0.02	1	-0.04	5	-0.02	9	-0.01	5	-0.00	1	-0.00	5
-1111	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1

-1111	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1110	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1110	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1109	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1109	Min.	-0.03	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	1
-1108	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.02	5
-1108	Min.	-0.03	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	-0.02	5
-1107	Max	0.03	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.01	5
-1107	Min.	-0.03	1	-0.03	5	-0.01	12	-0.01	5	-0.00	1	-0.01	5
-1106	Max	0.03	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.02	5
-1106	Min.	-0.03	1	-0.03	5	-0.01	10	-0.01	5	-0.00	1	-0.02	5
-1105	Max	0.03	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.01	1
-1105	Min.	-0.03	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.01	1
-1104	Max	0.03	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.01	5
-1104	Min.	-0.03	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.01	5
-1103	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1103	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1102	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1102	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	0.00	1	-0.00	5
-1101	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.01	1	0.00	5
-1101	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1100	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1100	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1099	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1099	Min.	-0.02	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1098	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1098	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-1097	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1097	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1096	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1096	Min.	-0.03	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1095	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1095	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1094	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1094	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1093	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1093	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1092	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1092	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1091	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1091	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1090	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-1090	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1089	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1089	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1088	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1088	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1087	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1087	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1086	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1086	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1085	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-1085	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-1084	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1084	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1083	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1083	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1082	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1082	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1081	Max	0.02	1	0.04	5	0.00	5	0.01	5	0.00	5	0.00	5
-1081	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-1080	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.00	5
-1080	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-1079	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.00	5
-1079	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-1078	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1078	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1077	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1077	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1076	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	5	0.01	5
-1076	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-1075	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1075	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1074	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.01	5
-1074	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-1073	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1073	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-1072	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1072	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5

Fascicolo dei calcoli

-1071	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1071	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1070	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1070	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1069	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1069	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1068	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1
-1068	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1067	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1
-1067	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	5
-1066	Max	0.01	1	0.03	5	0.01	5	0.00	5	0.00	1
-1066	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1
-1065	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1
-1065	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1
-1064	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1064	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1063	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1063	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1062	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1062	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1061	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1
-1061	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1060	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1
-1060	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1059	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5
-1059	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1058	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1058	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1057	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1057	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1056	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1056	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1055	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1055	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1054	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1054	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1053	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1053	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5
-1052	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1052	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1051	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1051	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1050	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1050	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1049	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1049	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1048	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1048	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1047	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1047	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5
-1046	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1046	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	5
-1045	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5
-1045	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	5
-1044	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5
-1044	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	5
-1043	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1
-1043	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1
-1042	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1042	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1
-1041	Max	0.01	1	0.03	5	0.01	5	0.00	5	0.00	1
-1041	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1
-1040	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1
-1040	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1
-1039	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1
-1039	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1
-1038	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1
-1038	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1037	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1
-1037	Min.	-0.03	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1
-1036	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1
-1036	Min.	-0.02	1	-0.03	5	-0.02	5	0.00	5	-0.00	1
-1035	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1
-1035	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1
-1034	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1
-1034	Min.	-0.03	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1
-1033	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1
-1033	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1
-1032	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.00	1

-1032	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1031	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1031	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1030	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-1030	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1029	Max	0.04	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1029	Min.	-0.04	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-1028	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.01	1
-1028	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1027	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1027	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1026	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-1026	Min.	-0.04	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-1025	Max	0.02	1	0.04	5	-0.01	5	0.00	1	0.00	1	0.01	1
-1025	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	1	-0.00	1	-0.01	1
-1024	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1024	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1023	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1023	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1022	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1022	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1021	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1021	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1020	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1020	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1019	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1019	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1018	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1018	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1017	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1017	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-1016	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1016	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1015	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1015	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1014	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1014	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1013	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1013	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	1
-1012	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1012	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1011	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1011	Min.	-0.03	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1010	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1010	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1009	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1009	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1008	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	5
-1008	Min.	-0.03	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.01	5
-1007	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1007	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-1006	Max	0.04	1	0.03	5	-0.01	5	0.00	5	0.01	1	0.00	5
-1006	Min.	-0.04	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-1005	Max	0.04	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.00	1
-1005	Min.	-0.04	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1004	Max	0.04	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	1
-1004	Min.	-0.04	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-1003	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1003	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1002	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1002	Min.	-0.03	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-1001	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1001	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-1000	Max	0.03	1	0.03	5	-0.01	5	0.00	1	0.00	1	0.00	1
-1000	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	1	-0.00	1	-0.00	1
-999	Max	0.04	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-999	Min.	-0.04	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-998	Max	0.04	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	1
-998	Min.	-0.04	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-997	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-997	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-996	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-996	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-995	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-995	Min.	-0.02	1	-0.03	5	-0.02	9	-0.01	5	-0.00	1	-0.00	5
-994	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-994	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	5
-993	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-993	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1

-992	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-992	Min.	-0.03	1	-0.03	5	-0.02	9	-0.01	5	-0.00	1	-0.00	5
-991	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.01	5
-991	Min.	-0.03	1	-0.03	5	-0.01	9	-0.01	5	-0.00	1	-0.01	5
-990	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-990	Min.	-0.03	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-989	Max	0.03	1	0.04	5	-0.01	5	0.01	5	0.00	1	0.01	5
-989	Min.	-0.03	1	-0.04	5	-0.01	10	-0.01	5	-0.00	1	-0.01	5
-988	Max	0.03	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-988	Min.	-0.03	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-987	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.01	5
-987	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.01	5
-986	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-986	Min.	-0.03	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.00	1
-985	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-985	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-984	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-984	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-983	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-983	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-982	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-982	Min.	-0.02	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-981	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-981	Min.	-0.03	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.01	1
-980	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-980	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-979	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-979	Min.	-0.03	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-978	Max	0.03	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-978	Min.	-0.03	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-977	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-977	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-976	Max	0.03	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.01	1
-976	Min.	-0.03	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.01	1
-975	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.00	1
-975	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-974	Max	0.02	1	0.03	5	0.00	5	0.01	5	0.00	1	0.01	1
-974	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.01	1
-973	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.01	1
-973	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-972	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-972	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-971	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-971	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-970	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-970	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-969	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-969	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-968	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-968	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-967	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-967	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-966	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-966	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-965	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-965	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-964	Max	0.02	1	0.04	5	0.00	5	0.01	5	0.00	1	0.00	5
-964	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-963	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	5	0.00	5
-963	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	5	-0.00	5
-962	Max	0.02	1	0.04	5	-0.00	5	0.01	5	0.00	1	0.00	5
-962	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-961	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.00	5
-961	Min.	-0.02	1	-0.04	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-960	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	5	0.01	5
-960	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-959	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	5	0.01	5
-959	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	5	-0.01	5
-958	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.00	5
-958	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	5	-0.01	5
-957	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	5	0.00	5
-957	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.01	5
-956	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-956	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-955	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-955	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-954	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-954	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-953	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1

Fascicolo dei calcoli

-953	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-952	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-952	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-951	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	1
-951	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-950	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-950	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-949	Max	0.01	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-949	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-948	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-948	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-947	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-947	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-946	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-946	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-945	Max	0.03	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-945	Min.	-0.03	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-944	Max	0.04	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-944	Min.	-0.04	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-943	Max	0.14	1	0.02	5	0.00	5	0.01	5	0.03	1	0.06	1
-943	Min.	-0.14	1	-0.02	5	-0.02	5	-0.01	5	-0.03	1	-0.06	1
-942	Max	0.07	1	0.02	5	-0.00	5	0.00	5	0.01	1	0.04	1
-942	Min.	-0.07	1	-0.02	5	-0.01	11	-0.00	5	-0.01	1	-0.04	1
-941	Max	0.03	1	0.02	5	-0.00	5	0.01	5	0.02	1	0.03	1
-941	Min.	-0.03	1	-0.02	5	-0.01	5	-0.01	5	-0.02	1	-0.03	1
-940	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-940	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-939	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-939	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-938	Max	0.01	1	0.03	5	0.00	5	0.01	5	0.00	1	0.00	1
-938	Min.	-0.01	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-937	Max	0.01	1	0.03	5	0.00	5	0.01	5	0.00	1	0.00	1
-937	Min.	-0.01	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-936	Max	0.01	1	0.03	5	0.00	5	0.01	5	0.00	1	0.00	1
-936	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-935	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-935	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-934	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-934	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-933	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-933	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-932	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-932	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-931	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.01	1	0.00	5
-931	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.00	5
-930	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.01	1	0.00	5
-930	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.00	5
-929	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-929	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-928	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-928	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-927	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.00	5
-927	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-926	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-926	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-925	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-925	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-924	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-924	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-923	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-923	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-922	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-922	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-921	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-921	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-920	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-920	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-919	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-919	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-918	Max	0.01	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-918	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-917	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-917	Min.	-0.01	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-916	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-916	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-915	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-915	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-914	Max	0.01	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	1
-914	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1

-913	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-913	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-912	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-912	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-911	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-911	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-910	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-910	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-909	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.01	1
-909	Min.	-0.03	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.01	1
-908	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.01	1	0.01	1
-908	Min.	-0.02	1	-0.02	5	-0.02	5	-0.01	5	-0.01	1	-0.01	1
-907	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-907	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-906	Max	0.03	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-906	Min.	-0.03	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-905	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.01	1
-905	Min.	-0.02	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	-0.01	1
-904	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.01	1	0.00	1
-904	Min.	-0.03	1	-0.03	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-903	Max	0.02	1	0.03	5	-0.00	5	0.01	5	0.00	1	0.00	5
-903	Min.	-0.02	1	-0.03	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-902	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-902	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-901	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-901	Min.	-0.02	1	-0.03	5	-0.02	11	-0.01	5	-0.00	1	-0.00	5
-900	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.01	1	0.00	5
-900	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.01	1	-0.00	5
-899	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-899	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-898	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-898	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-897	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-897	Min.	-0.02	1	-0.03	5	-0.02	11	-0.01	5	-0.00	1	-0.00	5
-896	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-896	Min.	-0.02	1	-0.03	5	-0.02	11	-0.01	5	-0.00	1	-0.00	5
-895	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-895	Min.	-0.02	1	-0.03	5	-0.02	11	-0.01	5	-0.00	1	-0.00	5
-894	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.01	1	0.00	1
-894	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-893	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.01	1	0.00	1
-893	Min.	-0.03	1	-0.03	5	-0.01	12	-0.01	5	-0.01	1	-0.00	1
-892	Max	0.04	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-892	Min.	-0.04	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-891	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.00	5
-891	Min.	-0.02	1	-0.03	5	-0.02	9	-0.01	5	-0.00	1	-0.00	5
-890	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.00	5
-890	Min.	-0.02	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-889	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.01	1	0.00	5
-889	Min.	-0.02	1	-0.03	5	-0.01	10	-0.01	5	-0.01	1	-0.00	5
-888	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.01	1	0.01	5
-888	Min.	-0.02	1	-0.03	5	-0.01	12	-0.01	5	-0.01	1	-0.01	5
-887	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-887	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-886	Max	0.03	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	5
-886	Min.	-0.03	1	-0.02	5	-0.01	12	-0.00	5	-0.01	1	-0.00	5
-885	Max	0.03	1	0.03	5	-0.00	5	0.00	5	0.01	1	0.00	1
-885	Min.	-0.03	1	-0.03	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-884	Max	0.03	1	0.03	5	-0.01	5	0.00	5	0.01	1	0.00	1
-884	Min.	-0.03	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-883	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-883	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-882	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-882	Min.	-0.02	1	-0.03	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-881	Max	0.03	1	0.02	5	-0.00	1	0.01	5	0.00	1	0.00	1
-881	Min.	-0.04	1	-0.02	5	-0.02	1	-0.01	5	-0.00	1	-0.00	1
-880	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-880	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-879	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-879	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-878	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-878	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-877	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-877	Min.	-0.02	1	-0.03	5	-0.02	9	-0.01	5	-0.00	1	-0.00	5
-876	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-876	Min.	-0.02	1	-0.03	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-875	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	5
-875	Min.	-0.02	1	-0.03	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-874	Max	0.03	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5

-874	Min.	-0.03	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	-0.00	5
-873	Max	0.03	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-873	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-872	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-872	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-871	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-871	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-870	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-870	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-869	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-869	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-868	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-868	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-867	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-867	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-866	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-866	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-865	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-865	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-864	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-864	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-863	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-863	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-862	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-862	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-861	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-861	Min.	-0.02	1	-0.02	5	-0.01	9	-0.00	5	-0.01	1	-0.00	1
-860	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.01	5
-860	Min.	-0.02	1	-0.02	5	-0.01	9	-0.01	5	-0.00	1	-0.01	5
-859	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.01	5
-859	Min.	-0.02	1	-0.03	5	-0.01	10	-0.01	5	-0.00	1	-0.01	5
-858	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.00	5
-858	Min.	-0.02	1	-0.03	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-857	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.00	5
-857	Min.	-0.02	1	-0.03	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-856	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.01	5
-856	Min.	-0.02	1	-0.03	5	-0.01	10	-0.01	5	-0.00	1	-0.01	5
-855	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-855	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.01	1	-0.00	1
-854	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	1
-854	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	1
-853	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-853	Min.	-0.02	1	-0.02	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-852	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-852	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-851	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-851	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-850	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-850	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-849	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-849	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-848	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-848	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-847	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-847	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-846	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-846	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-845	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	5
-845	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-844	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	1
-844	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-843	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	1
-843	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-842	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	1
-842	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-841	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-841	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-840	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-840	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-839	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-839	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-838	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-838	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-837	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.00	5
-837	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-836	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.00	5
-836	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-835	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-835	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5

-834	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-834	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-833	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-833	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-832	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.00	5
-832	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-831	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-831	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-830	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-830	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-829	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-829	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-828	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-828	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-827	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-827	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-826	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-826	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-825	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-825	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-824	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-824	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-823	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-823	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-822	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-822	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-821	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-821	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-820	Max	0.01	1	0.02	5	-0.01	5	0.01	5	0.00	5	0.00	5
-820	Min.	-0.01	1	-0.02	5	-0.01	5	-0.01	5	-0.00	5	-0.00	5
-819	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-819	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-818	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-818	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.01	1
-817	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-817	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-816	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-816	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-815	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-815	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-814	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-814	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-813	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-813	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-812	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-812	Min.	-0.03	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-811	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.01	1
-811	Min.	-0.02	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.01	1
-810	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-810	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-809	Max	0.02	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	5
-809	Min.	-0.02	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-808	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-808	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-807	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-807	Min.	-0.02	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-806	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.01	1
-806	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.01	1
-805	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-805	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-804	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-804	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-803	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-803	Min.	-0.02	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-802	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.01	5
-802	Min.	-0.02	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.01	5
-801	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-801	Min.	-0.02	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-800	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-800	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-799	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-799	Min.	-0.02	1	-0.02	5	-0.01	12	-0.00	5	-0.01	1	-0.00	1
-798	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.01	1	0.00	1
-798	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-797	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-797	Min.	-0.02	1	-0.02	5	-0.01	9	-0.01	5	-0.00	1	-0.00	5
-796	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-796	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-795	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.01	1	0.00	5

-795	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.01	1	-0.00	5
-794	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	5
-794	Min.	-0.02	1	-0.02	5	-0.01	12	-0.01	5	-0.00	1	-0.01	5
-793	Max	0.02	1	0.01	5	-0.00	1	0.01	5	0.01	1	0.00	1
-793	Min.	-0.02	1	-0.01	5	-0.02	1	-0.01	5	-0.01	1	-0.00	1
-792	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-792	Min.	-0.02	1	-0.02	5	-0.01	12	-0.00	5	-0.01	1	-0.00	1
-791	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.01	1	0.00	1
-791	Min.	-0.02	1	-0.02	5	-0.02	5	-0.01	5	-0.01	1	-0.00	1
-790	Max	0.02	1	0.02	5	-0.00	5	0.01	5	0.01	1	0.00	1
-790	Min.	-0.02	1	-0.02	5	-0.01	5	-0.01	5	-0.01	1	-0.00	1
-789	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-789	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-788	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-788	Min.	-0.02	1	-0.02	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-787	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-787	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-786	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-786	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-785	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-785	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-784	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-784	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-783	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-783	Min.	-0.01	1	-0.02	5	-0.01	9	-0.01	5	-0.00	1	-0.00	5
-782	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-782	Min.	-0.01	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-781	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-781	Min.	-0.01	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-780	Max	0.02	1	0.02	5	-0.00	1	0.01	5	0.01	1	0.00	1
-780	Min.	-0.02	1	-0.02	5	-0.01	9	-0.01	5	-0.01	1	-0.00	1
-779	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-779	Min.	-0.02	1	-0.02	5	-0.01	9	-0.01	5	-0.00	1	-0.00	5
-778	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-778	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-777	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-777	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-776	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-776	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-775	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-775	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	5
-774	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	1
-774	Min.	-0.02	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	-0.00	1
-773	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-773	Min.	-0.03	1	-0.02	5	-0.02	12	-0.01	5	-0.00	1	-0.00	5
-772	Max	0.03	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-772	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-771	Max	0.03	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-771	Min.	-0.03	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-770	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-770	Min.	-0.01	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-769	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-769	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-768	Max	0.02	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-768	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-767	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	5
-767	Min.	-0.02	1	-0.02	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-766	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-766	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-765	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-765	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-764	Max	0.02	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	5
-764	Min.	-0.02	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-763	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-763	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-762	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.01	1
-762	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-761	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-761	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-760	Max	0.01	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	5
-760	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-759	Max	0.01	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	1
-759	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-758	Max	0.01	1	0.02	5	-0.00	5	0.01	5	0.00	5	0.00	1
-758	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-757	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-757	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-756	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-756	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5

Fascicolo dei calcoli

-755	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	5
-755	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-754	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	5
-754	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-753	Max	0.01	1	0.02	5	0.00	5	0.01	5	0.00	1	0.00	5
-753	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-752	Max	0.01	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	5
-752	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-751	Max	0.01	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.00	5
-751	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-750	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-750	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-749	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-749	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-748	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.01	1	0.00	5
-748	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.01	1	-0.00	5
-747	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.01	1	0.00	5
-747	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.00	5
-746	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-746	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-745	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-745	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-744	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-744	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-743	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-743	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-742	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-742	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-741	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-741	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-740	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-740	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-739	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-739	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-738	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-738	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-737	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-737	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-736	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-736	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-735	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-735	Min.	-0.01	1	-0.01	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-734	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-734	Min.	-0.01	1	-0.01	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-733	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-733	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-732	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-732	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-731	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-731	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-730	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	5
-730	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-729	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-729	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-728	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-728	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-727	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-727	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-726	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-726	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-725	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-725	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-724	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-724	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-723	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-723	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-722	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-722	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-721	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-721	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-720	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-720	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-719	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-719	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-718	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-718	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-717	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-717	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-716	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5

-716	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-715	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-715	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-714	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-714	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-713	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-713	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-712	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	1
-712	Min.	-0.01	1	-0.01	5	-0.02	5	-0.01	5	-0.00	5	-0.00	1
-711	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-711	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-710	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-710	Min.	-0.02	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-709	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-709	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-708	Max	0.09	1	0.01	5	0.00	5	0.00	5	0.03	1	0.03	1
-708	Min.	-0.09	1	-0.01	5	-0.02	5	-0.00	5	-0.03	1	-0.03	1
-707	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-707	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-706	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-706	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-705	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-705	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-704	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-704	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-703	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-703	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-702	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-702	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-701	Max	0.02	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-701	Min.	-0.02	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-700	Max	0.04	1	0.01	5	-0.00	5	0.01	5	0.02	1	0.04	1
-700	Min.	-0.04	1	-0.01	5	-0.01	11	-0.01	5	-0.02	1	-0.04	1
-699	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-699	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-698	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-698	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-697	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-697	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-696	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-696	Min.	-0.01	1	-0.01	5	-0.01	11	0.00	5	-0.00	1	-0.00	5
-695	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-695	Min.	-0.01	1	-0.01	5	-0.01	11	0.00	5	-0.00	1	-0.00	5
-694	Max	0.02	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-694	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-693	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-693	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-692	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-692	Min.	-0.02	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-691	Max	0.02	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-691	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-690	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-690	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-689	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-689	Min.	-0.01	1	-0.01	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-688	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-688	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-687	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-687	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-686	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-686	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-685	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-685	Min.	-0.02	1	-0.02	5	-0.01	12	-0.00	5	-0.01	1	-0.01	1
-684	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-684	Min.	-0.03	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-683	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-683	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-682	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-682	Min.	-0.01	1	-0.02	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-681	Max	0.01	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-681	Min.	-0.01	1	-0.02	5	-0.01	12	-0.01	5	0.00	1	-0.00	5
-680	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-680	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-679	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-679	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-678	Max	0.01	1	0.01	5	-0.01	5	0.00	1	0.00	1	0.00	5
-678	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	1	-0.00	1	-0.00	5
-677	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-677	Min.	-0.01	1	-0.01	5	-0.01	5	0.00	5	-0.00	1	-0.00	1

-676	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.01	5
-676	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	0.00	1	-0.01	5
-675	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-675	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-674	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-674	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-673	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-673	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-672	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-672	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-671	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-671	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-670	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-670	Min.	-0.03	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-669	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-669	Min.	-0.03	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-668	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.01	1
-668	Min.	-0.02	1	-0.01	5	-0.01	10	0.00	5	-0.00	1	-0.01	1
-667	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-667	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-666	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-666	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-665	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-665	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-664	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	5
-664	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-663	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-663	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-662	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-662	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-661	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.01	1
-661	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	0.00	1	-0.01	1
-660	Max	0.01	1	0.02	5	-0.00	1	0.01	5	0.00	1	0.00	5
-660	Min.	-0.01	1	-0.02	5	-0.01	1	-0.01	5	-0.00	1	-0.00	5
-659	Max	0.01	1	0.01	5	-0.00	1	0.00	1	0.00	1	0.01	1
-659	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	1	0.00	1	-0.01	1
-658	Max	0.01	1	0.01	5	-0.00	1	0.00	1	0.00	1	0.00	1
-658	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	1	-0.00	1	-0.00	1
-657	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-657	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-656	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-656	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-655	Max	0.02	1	0.01	5	-0.01	5	0.00	1	0.00	1	0.00	5
-655	Min.	-0.02	1	-0.01	5	-0.01	12	0.00	1	-0.00	1	-0.00	5
-654	Max	0.02	1	0.01	5	-0.01	1	0.00	1	0.00	1	0.00	5
-654	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	1	-0.00	1	-0.00	5
-653	Max	0.02	1	0.02	5	-0.00	1	0.00	1	0.00	1	0.00	1
-653	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	1	-0.00	1	-0.00	1
-652	Max	0.02	1	0.02	5	-0.00	1	0.00	1	0.00	1	0.00	5
-652	Min.	-0.02	1	-0.02	5	-0.01	1	-0.00	1	-0.00	1	-0.00	5
-651	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-651	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	-0.00	1
-650	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-650	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.01	1	-0.00	5
-649	Max	0.02	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-649	Min.	-0.02	1	-0.02	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-648	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-648	Min.	-0.02	1	-0.01	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-647	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-647	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-646	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-646	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-645	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-645	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-644	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-644	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-643	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.01	1
-643	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.01	1
-642	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-642	Min.	-0.02	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-641	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-641	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-640	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-640	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-639	Max	0.02	1	0.01	5	-0.00	5	0.00	1	0.01	1	0.01	1
-639	Min.	-0.01	1	-0.01	5	-0.01	5	0.00	1	-0.01	1	-0.01	1
-638	Max	0.02	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-638	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-637	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1

Fascicolo dei calcoli

-637	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-636	Max	0.02	1	0.01	5	0.00	5	0.00	5	0.00	1	0.01	1
-636	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-635	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-635	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-634	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.01	1
-634	Min.	-0.01	1	-0.01	5	-0.02	5	0.00	5	-0.00	1	-0.01	1
-633	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-633	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-632	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-632	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-631	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	1
-631	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-630	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-630	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-629	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-629	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-628	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-628	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-627	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-627	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-626	Max	0.01	1	0.01	5	0.00	5	0.01	5	0.00	1	0.00	5
-626	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-625	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-625	Min.	-0.01	1	-0.02	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-624	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-624	Min.	-0.01	1	-0.01	5	-0.02	5	-0.01	5	-0.00	1	-0.00	5
-623	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-623	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-622	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-622	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-621	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	5
-621	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-620	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-620	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-619	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-619	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-618	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-618	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-617	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-617	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-616	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-616	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-615	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-615	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-614	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-614	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-613	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-613	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-612	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-612	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-611	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-611	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-610	Max	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-610	Min.	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-609	Max	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-609	Min.	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-608	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-608	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-607	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-607	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-606	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-606	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-605	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-605	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-604	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-604	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-603	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-603	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-602	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-602	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-601	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-601	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-600	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-600	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-599	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-599	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-598	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-598	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5

Fascicolo dei calcoli

-597	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-597	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-596	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-596	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-595	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-595	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-594	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	1
-594	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-593	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	5
-593	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-592	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-592	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-591	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-591	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-590	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-590	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-589	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-589	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-588	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-588	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-587	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-587	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-586	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-586	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-585	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-585	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-584	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-584	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-583	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-583	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-582	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-582	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-581	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-581	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-580	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-580	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-579	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-579	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-578	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-578	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-577	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-577	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-576	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-576	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-575	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-575	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-574	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-574	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-573	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-573	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-572	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-572	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-571	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-571	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-570	Max	0.08	1	0.01	5	0.00	5	0.00	5	0.03	1	0.03	1
-570	Min.	-0.08	1	-0.01	5	-0.02	5	-0.00	5	-0.03	1	-0.03	1
-569	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.01	1	0.00	1
-569	Min.	-0.02	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-568	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-568	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-567	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.01	1	0.00	1
-567	Min.	-0.02	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-566	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-566	Min.	-0.01	1	-0.01	5	-0.02	5	-0.01	5	-0.00	1	-0.00	1
-565	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-565	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-564	Max	0.02	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-564	Min.	-0.02	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-563	Max	0.03	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.03	1
-563	Min.	-0.03	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.03	1
-562	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-562	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-561	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-561	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-560	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-560	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-559	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-559	Min.	-0.01	1	-0.01	5	-0.01	11	0.00	5	-0.00	1	-0.00	1
-558	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1

-558	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-557	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-557	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-556	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-556	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-555	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-555	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-554	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-554	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-553	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-553	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-552	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-552	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-551	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-551	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-550	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-550	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-549	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-549	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-548	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-548	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-547	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-547	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-546	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-546	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-545	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-545	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-544	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-544	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-543	Max	0.01	1	0.01	5	-0.01	5	0.00	1	0.00	1	0.00	1
-543	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	1	-0.00	1	-0.00	1
-542	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	1
-542	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	0.00	5	-0.00	1
-541	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-541	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-540	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-540	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-539	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-539	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-538	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-538	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-537	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-537	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-536	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-536	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-535	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-535	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-534	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.01	1
-534	Min.	-0.02	1	-0.01	5	-0.01	10	0.00	5	-0.00	1	-0.01	1
-533	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-533	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-532	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-532	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-531	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-531	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-530	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-530	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-529	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-529	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-528	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-528	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-527	Max	0.01	1	0.01	5	-0.00	1	0.01	5	0.00	5	0.00	5
-527	Min.	-0.01	1	-0.01	5	-0.01	1	-0.01	5	0.00	5	-0.00	5
-526	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.01	1
-526	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	-0.01	1
-525	Max	0.01	1	0.01	5	-0.00	1	0.00	1	0.00	1	0.00	1
-525	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	1	-0.00	1	-0.00	1
-524	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-524	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-523	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-523	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-522	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-522	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-521	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-521	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-520	Max	0.01	1	0.02	5	-0.00	1	0.00	1	0.00	1	0.00	5
-520	Min.	-0.01	1	-0.02	5	-0.01	10	-0.00	1	-0.00	1	-0.00	5
-519	Max	0.02	1	0.02	5	-0.00	1	0.00	1	0.00	1	0.00	5
-519	Min.	-0.02	1	-0.01	5	-0.01	1	-0.00	1	-0.00	1	-0.00	5

Fascicolo dei calcoli

-518	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-518	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-517	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-517	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-516	Max	0.02	1	0.01	5	-0.01	1	0.01	5	0.00	1	0.00	5
-516	Min.	-0.02	1	-0.01	5	-0.02	10	-0.01	5	-0.01	1	-0.00	5
-515	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.01	1	0.00	5
-515	Min.	-0.02	1	-0.01	5	-0.02	10	-0.00	5	-0.01	1	-0.00	5
-514	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-514	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-513	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-513	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-512	Max	0.02	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	
-512	Min.	-0.02	1	-0.01	5	-0.01	10	-0.01	5	-0.00	1	-0.00	
-511	Max	0.01	1	0.01	5	-0.00	1	0.00	1	0.00	1	0.00	1
-511	Min.	-0.01	1	-0.01	5	-0.01	10	0.00	1	-0.00	1	-0.00	1
-510	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-510	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-509	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-509	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-508	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-508	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-507	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-507	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-506	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-506	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-505	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-505	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-504	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-504	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-503	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-503	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-502	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-502	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-501	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-501	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-500	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-500	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-499	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-499	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-498	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-498	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-497	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-497	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-496	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-496	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-495	Max	0.01	1	0.01	5	0.00	5	0.01	5	0.00	1	0.00	5
-495	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-494	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-494	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-493	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-493	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-492	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-492	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-491	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-491	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-490	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.00	5
-490	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-489	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-489	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-488	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-488	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-487	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-487	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-486	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-486	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-485	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-485	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-484	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	1
-484	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	1
-483	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-483	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-482	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-482	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-481	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-481	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-480	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-480	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-479	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	

Fascicolo dei calcoli

-479	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-478	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-478	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-477	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-477	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-476	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-476	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-475	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-475	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-474	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-474	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-473	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-473	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-472	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-472	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-471	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-471	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-470	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-470	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-469	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-469	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-468	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-468	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-467	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-467	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	0.00	1	-0.00	5
-466	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-466	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-465	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-465	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-464	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-464	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-463	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-463	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-462	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-462	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-461	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-461	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	-0.00	5
-460	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-460	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-459	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-459	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-458	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-458	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-457	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-457	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-456	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-456	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-455	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-455	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-454	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-454	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-453	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.01	1
-453	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.01	1
-452	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-452	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-451	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-451	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-450	Max	0.06	1	0.01	5	0.00	5	0.00	5	0.03	1	0.03	1
-450	Min.	-0.06	1	-0.01	5	-0.01	5	-0.00	5	-0.03	1	-0.03	1
-449	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-449	Min.	-0.02	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-448	Max	0.01	1	0.01	5	-0.00	5	0.00	1	0.00	1	0.00	1
-448	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	1	-0.00	1	-0.00	1
-447	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-447	Min.	-0.02	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-446	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-446	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-445	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-445	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-444	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-444	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-443	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-443	Min.	-0.02	1	-0.01	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-442	Max	0.03	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.02	1
-442	Min.	-0.03	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.02	1
-441	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-441	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-440	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-440	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1

-439	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-439	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-438	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-438	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-437	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-437	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-436	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-436	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-435	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-435	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-434	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-434	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-433	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-433	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-432	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-432	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-431	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	5
-431	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-430	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	5	0.00	5
-430	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	0.00	5	-0.00	5
-429	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-429	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-428	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-428	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-427	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-427	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-426	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-426	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-425	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-425	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-424	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-424	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-423	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-423	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-422	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-422	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-421	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-421	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-420	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	1
-420	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	1
-419	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	1
-419	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	1
-418	Max	0.01	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-418	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-417	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-417	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-416	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-416	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-415	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-415	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-414	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-414	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-413	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-413	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-412	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-412	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-411	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-411	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-410	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-410	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-409	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-409	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-408	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-408	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-407	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-407	Min.	-0.01	1	-0.01	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-406	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-406	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-405	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-405	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-404	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-404	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-403	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-403	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	0.00	1	-0.00	5
-402	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-402	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-401	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-401	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-400	Max	0.01	1	0.01	5	-0.00	1	0.01	5	0.00	1	0.00	5

Fascicolo dei calcoli

-400	Min.	-0.01	1	-0.01	5	-0.01	1	-0.01	5	-0.00	1	-0.00	5
-399	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-399	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	-0.00	1
-398	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-398	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-397	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-397	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-396	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-396	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-395	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-395	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-394	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-394	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-393	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-393	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-392	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-392	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-391	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-391	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.01	1	-0.00	1
-390	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-390	Min.	-0.02	1	-0.01	5	-0.01	1	-0.00	5	-0.01	1	-0.00	1
-389	Max	0.02	1	0.01	5	-0.01	1	0.00	5	0.01	1	0.00	1
-389	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.01	1	-0.00	1
-388	Max	0.02	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-388	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.01	1	-0.00	1
-387	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-387	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-386	Max	0.02	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-386	Min.	-0.02	1	-0.01	5	-0.01	10	-0.00	5	-0.01	1	-0.00	1
-385	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-385	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-384	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-384	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-383	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-383	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-382	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.01	1	0.00	1
-382	Min.	-0.02	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-381	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-381	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-380	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-380	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-379	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-379	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-378	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-378	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-377	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-377	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-376	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-376	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-375	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-375	Min.	-0.01	1	-0.01	5	-0.02	5	0.00	5	-0.00	1	-0.00	1
-374	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-374	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-373	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-373	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-372	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-372	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-371	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-371	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-370	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-370	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-369	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-369	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-368	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-368	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-367	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-367	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-366	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-366	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	1	-0.00	5
-365	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-365	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-364	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-364	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-363	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-363	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-362	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-362	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-361	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-361	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5

Fascicolo dei calcoli

-360	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-360	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-359	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	5
-359	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.00	5
-358	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-358	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-357	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-357	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-356	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	1
-356	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	0.00	1
-355	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-355	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-354	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-354	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-353	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-353	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-352	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-352	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-351	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-351	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-350	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-350	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-349	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-349	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-348	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-348	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-347	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-347	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-346	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-346	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-345	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-345	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-344	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-344	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-343	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-343	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-342	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-342	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-341	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-341	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-340	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.01	1
-340	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-339	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-339	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-338	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-338	Min.	-0.00	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	1
-337	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-337	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-336	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-336	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-335	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-335	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-334	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-334	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-333	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-333	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.01	1	-0.00	1
-332	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-332	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-331	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-331	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-330	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-330	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-329	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-329	Min.	-0.00	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-328	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-328	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-327	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-327	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-326	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-326	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-325	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-325	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-324	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-324	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-323	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-323	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-322	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-322	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-321	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5

-321	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-320	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-320	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-319	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-319	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-318	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-318	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-317	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-317	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-316	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-316	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-315	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-315	Min.	-0.01	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-314	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-314	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-313	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-313	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-312	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-312	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-311	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-311	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-310	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-310	Min.	-0.01	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-309	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-309	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-308	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-308	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-307	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-307	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-306	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-306	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	0.00	1
-305	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-305	Min.	-0.01	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-304	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	5
-304	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-303	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-303	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-302	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-302	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-301	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-301	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-300	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-300	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-299	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	5
-299	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-298	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-298	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-297	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-297	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-296	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-296	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-295	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-295	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-294	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-294	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-293	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-293	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-292	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-292	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-291	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-291	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-290	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-290	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	0.00	1	-0.00	5
-289	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-289	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-288	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-288	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-287	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-287	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-286	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-286	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-285	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-285	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-284	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-284	Min.	-0.00	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-283	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-283	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-282	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-282	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5

-281	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-281	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-280	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-280	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	5
-279	Max	0.04	1	0.01	5	-0.00	5	0.00	5	0.03	1	0.02	1
-279	Min.	-0.04	1	-0.01	5	-0.01	5	-0.00	5	-0.03	1	-0.02	1
-278	Max	0.02	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.01	1
-278	Min.	-0.02	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.01	1
-277	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-277	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-276	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-276	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-275	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-275	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-274	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-274	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-273	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-273	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-272	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-272	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-271	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-271	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-270	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-270	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-269	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-269	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-268	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-268	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-267	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-267	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-266	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-266	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-265	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-265	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-264	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-264	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-263	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-263	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-262	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.01	1
-262	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.01	1
-261	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-261	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-260	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-260	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-259	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-259	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-258	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-258	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-257	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.01	1	0.00	1
-257	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.01	1	-0.00	1
-256	Max	0.00	1	0.01	5	-0.01	1	0.01	5	0.00	1	0.00	1
-256	Min.	-0.01	1	-0.01	5	-0.01	9	-0.01	5	-0.00	1	-0.00	1
-255	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-255	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.01	1	-0.00	1
-254	Max	0.00	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-254	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-253	Max	0.00	1	0.01	5	-0.00	5	0.01	5	0.00	1	0.00	5
-253	Min.	-0.01	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	5
-252	Max	0.00	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-252	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-251	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-251	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-250	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-250	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-249	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-249	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-248	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-248	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-247	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-247	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-246	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	5	0.00	5
-246	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-245	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	5	0.00	5
-245	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-244	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-244	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-243	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-243	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-242	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5

Fascicolo dei calcoli

-242	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-241	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-241	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-240	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-240	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-239	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-239	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-238	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-238	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-237	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-237	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-236	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-236	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-235	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-235	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-234	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-234	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-233	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-233	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-232	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-232	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-231	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-231	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-230	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-230	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-229	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-229	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-228	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-228	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-227	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-227	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-226	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-226	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-225	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.01	1	0.00	1
-225	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-224	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-224	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-223	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-223	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-222	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.02	1	0.01	1
-222	Min.	-0.01	1	-0.00	5	-0.01	5	-0.00	5	-0.02	1	-0.01	1
-221	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-221	Min.	-0.01	1	-0.00	5	-0.01	5	-0.00	5	-0.01	1	-0.00	1
-220	Max	0.00	1	0.00	5	-0.00	5	0.00	1	0.00	1	0.00	1
-220	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	1	-0.00	1	-0.00	1
-219	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-219	Min.	-0.01	1	-0.00	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-218	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-218	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-217	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-217	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-216	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-216	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-215	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-215	Min.	-0.01	1	-0.00	5	-0.02	5	-0.00	5	-0.01	1	0.00	1
-214	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-214	Min.	-0.01	1	-0.00	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-213	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-213	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-212	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-212	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-211	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.01	1	0.00	1
-211	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.01	1	-0.00	1
-210	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-210	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-209	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-209	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-208	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-208	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-207	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-207	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-206	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-206	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-205	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-205	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-204	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-204	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-203	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	5
-203	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	5

-202	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-202	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-201	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-201	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-200	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-200	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-199	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.01	1	0.00	1
-199	Min.	-0.01	1	-0.00	5	-0.02	1	-0.00	5	-0.01	1	0.00	1
-198	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.01	1	0.00	5
-198	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-197	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-197	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-196	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-196	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-195	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-195	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-194	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-194	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.01	1	0.00	1
-193	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-193	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.01	1	-0.00	5
-192	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-192	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-191	Max	0.00	1	0.00	5	-0.00	5	0.01	5	0.00	1	0.00	5
-191	Min.	-0.00	1	-0.00	5	-0.01	5	-0.01	5	-0.00	1	0.00	5
-190	Max	0.00	1	0.00	5	-0.00	5	0.01	5	0.00	1	0.00	5
-190	Min.	-0.00	1	-0.00	5	-0.01	5	-0.01	5	-0.00	1	0.00	5
-189	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-189	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-188	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-188	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-187	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.01	1	0.00	1
-187	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-186	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-186	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-185	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.01	1	0.00	1
-185	Min.	-0.01	1	-0.00	5	-0.02	1	-0.00	5	-0.01	1	0.00	1
-184	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.01	1	0.00	5
-184	Min.	-0.01	1	-0.00	5	-0.02	1	-0.00	5	-0.01	1	0.00	5
-183	Max	0.01	1	0.00	5	-0.01	1	0.00	5	0.01	1	0.00	1
-183	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.01	1	0.00	1
-182	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-182	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-181	Max	0.00	1	0.00	5	-0.01	5	0.01	5	0.00	1	0.00	1
-181	Min.	-0.00	1	-0.00	5	-0.01	11	-0.01	5	-0.00	1	0.00	1
-180	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-180	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-179	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-179	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-178	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-178	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-177	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-177	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-176	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	5	0.00	5
-176	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	0.00	5	0.00	5
-175	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-175	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	0.00	1	0.00	5
-174	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-174	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-173	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-173	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-172	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-172	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-171	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-171	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-170	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	5
-170	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-169	Max	0.00	1	0.00	5	-0.01	1	0.01	5	0.00	1	0.00	5
-169	Min.	-0.00	1	-0.00	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-168	Max	0.00	1	0.00	5	-0.00	1	0.01	5	0.00	1	0.00	5
-168	Min.	-0.00	1	-0.00	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-167	Max	0.00	1	0.00	5	-0.00	1	0.01	5	0.00	1	0.00	5
-167	Min.	-0.00	1	-0.00	5	-0.01	1	-0.01	5	-0.00	1	0.00	5
-166	Max	0.01	1	0.00	5	-0.01	1	0.00	5	0.01	1	0.00	5
-166	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.01	1	0.00	5
-165	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.01	1	0.00	5
-165	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.01	1	0.00	5
-164	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-164	Min.	-0.01	1	-0.00	5	-0.01	10	-0.00	5	-0.01	1	0.00	1
-163	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.01	1	0.00	1

-163	Min.	-0.01	1	-0.00	5	-0.02	1	-0.00	5	-0.01	1	0.00	1
-162	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-162	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-161	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-161	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.01	1	0.00	1
-160	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-160	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-159	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-159	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-158	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-158	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-157	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-157	Min.	-0.01	1	-0.00	5	-0.02	1	-0.00	5	-0.01	1	0.00	1
-156	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	1
-156	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-155	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-155	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	5
-154	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-154	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	5
-153	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-153	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	5
-152	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-152	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-151	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-151	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-150	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-150	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-149	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-149	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-148	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-148	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-147	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-147	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-146	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-146	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-145	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-145	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-144	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-144	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-143	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-143	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-142	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	5	0.00	5
-142	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-141	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-141	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-140	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-140	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	5
-139	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-139	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-138	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-138	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-137	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-137	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-136	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-136	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-135	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	5	0.00	5
-135	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-134	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-134	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-133	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-133	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-132	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-132	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-131	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-131	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-130	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-130	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-129	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.02	1	0.00	1
-129	Min.	-0.01	1	-0.00	5	-0.01	5	-0.00	5	-0.02	1	-0.00	1
-128	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.01	1	0.00	1
-128	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.01	1	-0.00	1
-127	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-127	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-126	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-126	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-125	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-125	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	5	0.00	1
-124	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-124	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1

Fascicolo dei calcoli

[illegible]

-84	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	1	0.00	1
-83	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-83	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	1	0.00	1
-82	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-82	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-81	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	5	0.00	5
-81	Min.	0.00	1	0.00	5	-0.01	11	-0.00	5	0.00	5	0.00	5
-80	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-80	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	1	0.00	1
-79	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-79	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-78	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-78	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	-0.00	1	0.00	1
-77	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-77	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	1	0.00	1
-76	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	5	0.00	1
-76	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	5	0.00	1
-75	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	5	0.00	1
-75	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	5	0.00	1
-74	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-74	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	1	0.00	1
-73	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-73	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	-0.00	1	0.00	1
-72	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-72	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-71	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	5	0.00	1
-71	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	0.00	5	0.00	1
-70	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	5	0.00	1
-70	Min.	0.00	1	0.00	1	-0.01	12	0.00	5	0.00	5	0.00	1
-69	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-69	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	0.00	1	0.00	1
-68	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1	0.00	1
-68	Min.	0.00	1	0.00	1	-0.01	1	-0.00	1	0.00	1	0.00	1
-67	Max	0.00	1	0.00	1	-0.01	5	0.00	1	0.00	1	0.00	1
-67	Min.	0.00	1	0.00	1	-0.01	12	0.00	1	0.00	1	0.00	1
-66	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-66	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	5	0.00	1
-65	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-65	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	5	0.00	1
-64	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-64	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-63	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-63	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-62	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-62	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	-0.00	1	0.00	1
-61	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-61	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-60	Max	0.00	1	0.00	1	-0.01	1	0.00	1	0.00	5	0.00	1
-60	Min.	0.00	1	0.00	1	-0.01	9	0.00	1	0.00	5	0.00	1
-59	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-59	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-58	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-58	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-57	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-57	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-56	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1	0.00	1
-56	Min.	0.00	1	0.00	1	-0.01	10	0.00	1	0.00	1	0.00	1
-55	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-55	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-54	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-54	Min.	0.00	1	0.00	1	-0.01	11	0.00	5	0.00	1	0.00	1
-53	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-53	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-52	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-52	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	-0.00	1	0.00	1
-51	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-51	Min.	0.00	1	0.00	1	-0.01	9	-0.00	5	0.00	1	0.00	1
-50	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-50	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	0.00	1	0.00	1
-49	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-49	Min.	0.00	1	0.00	1	-0.01	11	0.00	5	0.00	1	0.00	1
-48	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-48	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	0.00	1	0.00	1
-47	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	5	0.00	1
-47	Min.	0.00	1	0.00	1	-0.01	1	0.00	1	0.00	5	0.00	1
-46	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1	0.00	1
-46	Min.	0.00	1	0.00	1	-0.01	1	0.00	1	0.00	1	0.00	1
-45	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1	0.00	1
-45	Min.	0.00	1	0.00	1	-0.01	10	0.00	1	0.00	1	0.00	1

Fascicolo dei calcoli

-44	Max	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1	0.00	1
-44	Min.	0.00	1	0.00	1	-0.01	9	0.00	1	0.00	1	0.00	1
-43	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-43	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	-0.00	1	0.00	1
-42	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-42	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	-0.00	1	0.00	1
-41	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-41	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	-0.00	1	0.00	1
-40	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-40	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	-0.00	1	0.00	1
-39	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	5	0.00	1
-39	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	0.00	5	0.00	1
-38	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-38	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	0.00	1	0.00	1
-37	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-37	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	0.00	1	0.00	1
-36	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-36	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	-0.00	1	0.00	1
-35	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-35	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-34	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-34	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	0.00	1	0.00	1
-33	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-33	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-32	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-32	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-31	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-31	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	0.00	1	0.00	1
-30	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-30	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	-0.00	1	0.00	1
-29	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-29	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-28	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-28	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-27	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-27	Min.	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-26	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-26	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-25	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-25	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-24	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-24	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-23	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-23	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-22	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-22	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-21	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-21	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-20	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-20	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	5	0.00	1
-19	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-19	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-18	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-18	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	1	0.00	1
-17	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-17	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-16	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-16	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-15	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-15	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-14	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-14	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-13	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-13	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-12	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-12	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	5	0.00	1
-11	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-11	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	5	0.00	1
-10	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-10	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	5	0.00	1
-9	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-9	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	5	0.00	1
-8	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-8	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-7	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-7	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-6	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-6	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-5	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1

-5	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-4	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-4	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	5	0.00	1
-3	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-3	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-2	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-2	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-1	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1
-1	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	5	0.00	1

Min = -0.17
Max = 0.17

Reazioni vincolari

Simbologia
Nodo = Numero del nodo
Rx = Reazione vincolare (forza) in dir. X
CC = Numero della combinazione delle condizioni di carico elementari
Ry = Reazione vincolare (forza) in dir. Y
Rz = Reazione vincolare (forza) in dir. Z
Mx = Reazione vincolare (momento) intorno all'asse X
My = Reazione vincolare (momento) intorno all'asse Y
Mz = Reazione vincolare (momento) intorno all'asse Z

Nodo		Rx <kN>	CC	Ry <kN>	CC	Rz <kN>	CC	Mx <kNm>	CC	My <kNm>	CC	Mz <kNm>	CC
-125	Max	71.50	1	79.88	5	0.00	1	0.00	5	0.00	5	4.66	1
-125	Min.	-25.58	1	-58.11	5	0.00	1	0.00	5	0.00	5	-5.08	1
-124	Max	87.88	1	8.19	5	0.00	5	0.00	5	0.00	5	1.14	5
-124	Min.	-19.66	1	-5.12	5	0.00	5	0.00	5	0.00	5	-1.75	5
-123	Max	-2.30	1	2.38	5	0.00	5	0.00	5	0.00	5	-0.01	5
-123	Min.	-59.69	1	-0.99	5	0.00	5	0.00	5	0.00	5	-0.65	5
-122	Max	14.67	1	5.56	5	0.00	5	0.00	5	0.00	5	0.83	5
-122	Min.	-49.07	1	-4.24	5	0.00	5	0.00	5	0.00	11	-1.07	5
-121	Max	76.36	1	39.31	5	0.00	5	0.00	5	0.00	5	3.56	5
-121	Min.	-79.93	1	-61.71	5	0.00	12	0.00	5	0.00	5	-2.62	5
-120	Max	143.75	1	3.13	5	0.00	5	0.00	5	0.00	5	4.28	5
-120	Min.	-147.59	1	-4.76	5	0.00	5	0.00	5	0.00	10	-1.95	5
-119	Max	115.25	1	6.51	1	0.00	5	0.00	5	0.00	5	2.46	5
-119	Min.	-127.44	1	-0.68	1	0.00	5	0.00	5	0.00	5	-1.22	5
-118	Max	51.73	1	41.23	5	0.00	11	0.00	5	0.00	11	1.79	1
-118	Min.	-44.12	1	-76.68	5	0.00	5	0.00	5	0.00	5	-2.38	1
-117	Max	59.56	1	3.60	1	0.00	12	0.00	1	0.00	5	0.91	5
-117	Min.	-4.46	1	-1.28	1	0.00	5	0.00	1	0.00	5	-0.05	5
-116	Max	16.59	1	2.13	5	0.00	5	0.00	5	0.00	5	1.49	5
-116	Min.	-63.54	1	-6.01	5	0.00	5	0.00	5	0.00	5	-0.90	5
-115	Max	56.79	1	9.86	5	0.00	5	0.00	5	0.00	5	3.94	5
-115	Min.	-60.18	1	-76.05	5	0.00	5	0.00	5	0.00	5	-0.85	5
-114	Max	63.67	1	9.00	5	0.00	5	0.00	5	0.00	5	3.31	5
-114	Min.	-26.04	1	-8.94	5	0.00	5	0.00	5	0.00	12	-0.19	5
-113	Max	50.64	1	13.34	5	0.00	5	0.00	5	0.00	5	1.65	5
-113	Min.	-44.51	1	3.31	5	0.00	5	0.00	5	0.00	5	-1.36	5
-112	Max	40.62	1	8.26	5	0.00	12	0.00	5	0.00	5	1.44	5
-112	Min.	-51.77	1	0.13	5	0.00	5	0.00	5	0.00	5	-1.56	5
-111	Max	-0.26	1	5.08	5	0.00	5	0.00	5	0.00	5	0.40	5
-111	Min.	-26.03	1	-6.95	5	0.00	11	0.00	5	0.00	12	-1.82	5
-110	Max	14.16	1	16.79	5	0.00	12	0.00	5	0.00	5	0.12	5
-110	Min.	-16.30	1	-35.47	5	0.00	5	0.00	11	0.00	5	-1.31	5
-109	Max	16.80	1	2.53	5	0.00	5	0.00	5	0.00	5	0.10	5
-109	Min.	-1.67	1	-4.06	5	0.00	5	0.00	5	0.00	5	-0.58	5
-108	Max	44.82	1	6.54	5	0.00	11	0.00	5	0.00	5	0.28	5
-108	Min.	-39.74	1	-5.78	5	0.00	5	0.00	5	0.00	5	-2.30	5
-107	Max	42.02	1	7.54	5	0.00	1	0.00	11	0.00	5	0.02	5
-107	Min.	-73.14	1	-6.55	5	0.00	1	0.00	5	0.00	5	-2.21	5
-106	Max	-4.96	5	3.81	5	0.00	11	0.00	5	0.00	12	-0.14	5
-106	Min.	-27.73	5	-7.38	5	0.00	5	0.00	5	0.00	5	-1.25	5
-105	Max	15.98	5	39.81	5	0.00	5	0.00	11	0.00	5	0.77	1
-105	Min.	1.78	5	-90.13	5	0.00	5	0.00	5	0.00	5	-1.21	1
-104	Max	107.93	1	8.24	5	0.00	5	0.00	5	0.00	5	1.43	1
-104	Min.	-57.78	1	-8.19	5	0.00	5	0.00	5	0.00	5	-1.75	1
-103	Max	85.49	1	8.27	1	0.00	5	0.00	5	0.00	5	2.69	5
-103	Min.	-93.86	1	-5.38	1	0.00	5	0.00	5	0.00	5	-1.99	5
-102	Max	14.64	1	33.60	5	0.00	12	0.00	1	0.00	5	5.29	1
-102	Min.	-72.22	1	-34.77	5	0.00	1	0.00	1	0.00	5	-4.44	1
-101	Max	3.35	1	24.49	5	0.00	11	0.00	11	0.00	5	0.43	1
-101	Min.	-2.39	1	-34.18	5	0.00	5	0.00	5	0.00	5	-0.39	1
-100	Max	3.95	1	49.96	5	0.00	5	0.00	5	0.00	5	0.38	5
-100	Min.	-3.84	1	-43.89	5	0.00	11	0.00	5	0.00	5	-0.33	5
-99	Max	0.43	1	22.88	5	0.00	5	0.00	5	0.00	5	0.16	1

-99	Min.	-0.59	1	-31.78	5	0.00	5	0.00	5	0.00	5	-0.14	1
-98	Max	-0.24	1	61.05	5	0.00	5	0.00	5	0.00	1	6.40	1
-98	Min.	-12.24	1	-57.61	5	0.00	5	0.00	5	0.00	1	-4.55	1
-97	Max	1.12	5	46.27	5	0.00	5	0.00	12	0.00	5	0.60	1
-97	Min.	-1.05	5	-48.21	5	0.00	5	0.00	1	0.00	5	-0.43	1
-96	Max	1.41	1	6.10	5	0.00	5	0.00	5	0.00	1	0.07	5
-96	Min.	-1.37	1	-16.96	5	0.00	5	0.00	11	0.00	1	-0.05	5
-95	Max	3.25	1	12.43	5	0.00	5	0.00	5	0.00	1	0.35	1
-95	Min.	-3.27	1	-28.91	5	0.00	5	0.00	5	0.00	1	-0.35	1
-94	Max	8.69	1	137.71	5	0.00	5	0.00	5	0.00	1	1.79	1
-94	Min.	-7.71	1	-84.74	5	0.00	5	0.00	5	0.00	1	-1.81	1
-93	Max	5.52	1	24.87	5	0.00	5	0.00	5	0.00	1	0.61	1
-93	Min.	-5.74	1	-19.15	5	0.00	5	0.00	11	0.00	1	-0.56	1
-92	Max	1.94	1	178.94	5	0.00	5	0.00	5	0.00	1	4.50	1
-92	Min.	-4.33	1	-156.40	5	0.00	12	0.00	5	0.00	1	-1.66	1
-91	Max	2.23	1	49.71	5	0.00	11	0.00	12	0.00	1	0.67	1
-91	Min.	-2.02	1	-58.68	5	0.00	5	0.00	5	0.00	1	-0.59	1
-90	Max	9.12	1	94.99	5	0.00	5	0.00	5	0.00	5	2.52	1
-90	Min.	-6.29	1	-48.55	5	0.00	5	0.00	5	0.00	5	-2.36	1
-89	Max	8.97	1	77.90	5	0.00	5	0.00	1	0.00	5	5.76	1
-89	Min.	-9.55	1	-110.76	5	0.00	10	0.00	1	0.00	5	-4.29	1
-88	Max	1.71	1	8.20	5	0.00	5	0.00	11	0.00	1	0.26	1
-88	Min.	-1.70	1	-23.56	5	0.00	11	0.00	5	0.00	1	-0.25	1
-87	Max	1.67	1	25.76	5	0.00	11	0.00	5	0.00	1	0.32	1
-87	Min.	-1.59	1	-32.24	5	0.00	5	0.00	5	0.00	1	-0.31	1
-86	Max	6.99	1	68.93	5	0.00	1	0.00	1	0.00	1	0.85	1
-86	Min.	-3.77	1	-85.59	5	0.00	10	0.00	1	0.00	1	-1.54	1
-85	Max	1.00	1	44.70	5	0.00	5	0.00	11	0.00	5	0.76	1
-85	Min.	-1.10	1	-3.58	5	0.00	11	0.00	5	0.00	5	-0.67	1
-84	Max	1.73	1	21.36	5	0.00	11	0.00	5	0.00	1	0.20	1
-84	Min.	-1.84	1	-27.63	5	0.00	5	0.00	5	0.00	1	-0.25	1
-83	Max	3.25	1	32.06	5	0.00	5	0.00	5	0.00	1	0.28	1
-83	Min.	-3.76	1	-40.98	5	0.00	9	0.00	11	0.00	1	-0.44	1
-82	Max	3.52	1	-4.14	5	0.00	11	0.00	5	0.00	1	1.15	1
-82	Min.	-6.51	1	-51.72	5	0.00	1	0.00	5	0.00	1	-1.04	1
-80	Max	3.57	1	39.32	5	0.00	1	0.00	1	0.00	1	0.67	1
-80	Min.	-2.03	1	-19.74	5	0.00	1	0.00	1	0.00	1	-0.51	1
-79	Max	25.53	1	23.24	5	0.00	1	0.00	5	0.00	5	0.89	5
-79	Min.	-54.62	1	-54.12	5	0.00	1	0.00	5	0.00	5	-0.82	5
-78	Max	113.96	1	3.12	5	0.00	5	0.00	5	0.00	1	0.64	5
-78	Min.	-125.50	1	-6.16	5	0.00	5	0.00	5	0.00	1	-0.29	5
-77	Max	135.80	1	3.25	5	0.00	1	0.00	5	0.00	1	0.85	5
-77	Min.	-87.77	1	-3.60	5	0.00	11	0.00	5	0.00	11	-0.39	5
-75	Max	6.23	1	39.49	5	0.00	5	0.00	5	0.00	5	0.17	5
-75	Min.	-8.14	1	-42.56	5	0.00	5	0.00	9	0.00	5	-0.46	5
-74	Max	15.45	1	41.39	5	0.00	1	0.00	1	0.00	1	0.64	1
-74	Min.	-8.82	1	-10.42	5	0.00	1	0.00	1	0.00	1	-0.34	1
-73	Max	0.82	1	13.26	5	0.00	9	0.00	9	0.00	10	0.14	1
-73	Min.	-2.61	1	-30.19	5	0.00	5	0.00	5	0.00	5	-0.33	1
-72	Max	13.99	1	80.89	5	0.00	1	0.00	9	0.00	1	4.12	1
-72	Min.	-12.58	1	-122.89	5	0.00	1	0.00	5	0.00	1	-1.60	1
-71	Max	7.05	1	34.96	5	0.00	1	0.00	1	0.00	10	0.10	5
-71	Min.	-8.81	1	-30.15	5	0.00	9	0.00	9	0.00	5	-0.48	5
-70	Max	24.94	1	0.71	1	0.00	5	0.00	5	0.00	1	0.48	5
-70	Min.	-84.59	1	-3.33	1	0.00	10	0.00	5	0.00	1	-0.50	5
-69	Max	143.91	1	12.64	5	0.00	1	0.00	5	0.00	1	0.86	5
-69	Min.	-139.06	1	-2.41	5	0.00	1	0.00	5	0.00	1	-1.32	5
-68	Max	185.84	1	107.74	5	0.00	1	0.00	1	0.00	5	0.84	5
-68	Min.	-94.26	1	-2.37	5	0.00	1	0.00	9	0.00	5	-0.33	5
-67	Max	17.02	1	173.12	5	0.00	1	0.00	1	0.00	5	1.30	1
-67	Min.	-15.87	1	-50.41	5	0.00	12	0.00	1	0.00	9	-1.54	1
-66	Max	-1.11	5	10.27	5	0.00	1	0.00	9	0.00	12	0.15	1
-66	Min.	-4.64	5	-16.47	5	0.00	1	0.00	5	0.00	5	-0.10	1
-65	Max	6.41	1	0.51	5	0.00	5	0.00	5	0.00	5	0.03	5
-65	Min.	-1.86	1	-0.35	5	0.00	5	0.00	5	0.00	5	-0.01	5
-64	Max	-1.10	1	0.40	5	0.00	5	0.00	5	0.00	5	0.04	5
-64	Min.	-15.61	1	-0.11	5	0.00	5	0.00	5	0.00	5	-0.04	5
-63	Max	35.09	1	64.84	5	0.00	10	0.00	12	0.00	5	0.70	5
-63	Min.	-82.86	1	-15.01	5	0.00	1	0.00	5	0.00	5	-0.10	5
-62	Max	84.34	1	202.38	5	0.00	5	0.00	5	0.00	1	4.89	5
-62	Min.	-67.10	1	-101.29	5	0.00	11	0.00	9	0.00	1	-0.79	5
-61	Max	7.46	1	31.05	5	0.00	5	0.00	1	0.00	1	1.01	5
-61	Min.	-14.52	1	-57.62	5	0.00	11	0.00	1	0.00	1	-1.11	5
-60	Max	1.51	1	53.72	5	0.00	9	0.00	12	0.00	5	0.95	1
-60	Min.	-1.26	1	-10.06	5	0.00	1	0.00	1	0.00	5	-1.05	1
-59	Max	3.31	1	34.34	5	0.00	1	0.00	1	0.00	1	0.55	5
-59	Min.	-6.53	1	-42.54	5	0.00	1	0.00	1	0.00	1	-0.98	5
-58	Max	11.35	1	46.52	5	0.00	5	0.00	1	0.00	1	2.22	5
-58	Min.	-8.21	1	-67.56	5	0.00	5	0.00	1	0.00	1	-0.44	5

-57	Max	12.72	1	40.74	5	0.00	10	0.00	1	0.00	1	1.62	1
-57	Min.	-8.74	1	-45.21	5	0.00	1	0.00	10	0.00	1	-0.43	1
-56	Max	0.97	1	29.69	5	0.00	10	0.00	1	0.00	1	1.72	1
-56	Min.	-5.77	1	-65.32	5	0.00	1	0.00	1	0.00	1	-1.98	1
-55	Max	3.97	1	38.36	5	0.00	1	0.00	1	0.00	1	0.75	5
-55	Min.	-9.50	1	-44.03	5	0.00	9	0.00	10	0.00	1	-1.06	5
-54	Max	2.00	1	7.31	5	0.00	5	0.00	9	0.00	1	0.58	1
-54	Min.	-2.11	1	-32.12	5	0.00	9	0.00	5	0.00	1	-0.42	1
-53	Max	14.03	1	74.49	5	0.00	1	0.00	1	0.00	1	1.38	5
-53	Min.	-47.05	1	-60.33	5	0.00	10	0.00	1	0.00	1	-1.60	5
-52	Max	86.83	1	6.09	5	0.00	1	0.00	5	0.00	1	0.42	5
-52	Min.	-118.13	1	-5.07	5	0.00	1	0.00	5	0.00	1	-0.51	5
-51	Max	115.05	1	5.72	5	0.00	1	0.00	5	0.00	10	0.87	5
-51	Min.	-76.13	1	-4.88	5	0.00	9	0.00	5	0.00	1	-0.88	5
-50	Max	0.00	1	0.00	1	0.00	10	0.00	5	0.00	1	0.00	1
-50	Min.	0.00	1	0.00	1	0.00	5	0.00	5	0.00	9	0.00	1
-49	Max	13.49	1	8.09	5	0.00	1	0.00	5	0.00	5	0.33	5
-49	Min.	-23.01	1	-21.45	5	0.00	11	0.00	9	0.00	10	-0.27	5
-48	Max	128.18	1	7.36	5	0.00	1	0.00	5	0.00	1	0.50	5
-48	Min.	-38.28	1	-9.67	5	0.00	12	0.00	5	0.00	9	-0.67	5
-47	Max	137.18	1	1.81	5	0.00	10	0.00	1	0.00	1	0.51	5
-47	Min.	-39.26	1	-0.65	5	0.00	1	0.00	1	0.00	9	-0.45	5
-46	Max	22.69	1	2.23	5	0.00	1	0.00	5	0.00	5	0.14	5
-46	Min.	-35.44	1	-0.67	5	0.00	1	0.00	5	0.00	5	-0.35	5
-45	Max	26.41	1	65.62	5	0.00	1	0.00	11	0.00	9	1.14	1
-45	Min.	-22.30	1	-43.91	5	0.00	1	0.00	1	0.00	1	-1.04	1
-44	Max	51.04	1	26.38	5	0.00	12	0.00	9	0.00	1	1.37	5
-44	Min.	-132.47	1	-125.10	5	0.00	1	0.00	1	0.00	10	-1.17	5
-43	Max	83.02	1	3.41	5	0.00	10	0.00	5	0.00	9	1.28	5
-43	Min.	-107.14	1	-14.86	5	0.00	1	0.00	5	0.00	1	-1.22	5
-42	Max	73.33	1	2.89	5	0.00	1	0.00	5	0.00	10	1.23	5
-42	Min.	-79.30	1	-4.13	5	0.00	1	0.00	5	0.00	5	-0.96	5
-41	Max	69.42	1	3.79	5	0.00	10	0.00	5	0.00	1	1.08	5
-41	Min.	-57.59	1	-4.21	5	0.00	1	0.00	5	0.00	10	-0.68	5
-40	Max	65.14	1	7.74	5	0.00	10	0.00	1	0.00	1	0.89	5
-40	Min.	-42.29	1	-8.53	5	0.00	5	0.00	1	0.00	1	-0.56	5
-39	Max	68.98	1	3.95	5	0.00	9	0.00	5	0.00	1	1.07	5
-39	Min.	-31.62	1	-4.09	5	0.00	1	0.00	11	0.00	1	-1.00	5
-38	Max	-11.16	5	53.58	5	0.00	1	0.00	1	0.00	1	1.42	5
-38	Min.	-30.27	9	-73.70	5	0.00	10	0.00	9	0.00	1	-0.51	5
-37	Max	44.24	1	4.34	5	0.00	5	0.00	5	0.00	1	0.91	5
-37	Min.	-7.66	1	-6.40	5	0.00	9	0.00	5	0.00	1	-0.64	5
-36	Max	16.65	1	5.07	5	0.00	1	0.00	5	0.00	1	0.41	5
-36	Min.	-62.23	1	-4.70	5	0.00	1	0.00	5	0.00	1	-0.53	5
-35	Max	66.40	1	109.73	5	0.00	12	0.00	1	0.00	1	2.93	1
-35	Min.	-26.76	1	-89.84	5	0.00	1	0.00	10	0.00	9	-4.01	1
-34	Max	11.97	1	113.14	5	0.00	5	0.00	1	0.00	1	1.37	1
-34	Min.	-10.74	1	-143.78	5	0.00	10	0.00	11	0.00	1	-0.80	1
-33	Max	13.35	1	119.10	5	0.00	10	0.00	12	0.00	1	3.39	1
-33	Min.	-19.79	1	-137.42	5	0.00	5	0.00	5	0.00	1	-1.30	1
-32	Max	3.25	1	106.51	5	0.00	5	0.00	1	0.00	1	1.97	5
-32	Min.	-12.20	1	-56.49	5	0.00	9	0.00	9	0.00	1	-1.97	5
-31	Max	6.80	1	69.79	5	0.00	1	0.00	11	0.00	1	1.68	1
-31	Min.	-10.73	1	-70.90	5	0.00	12	0.00	5	0.00	1	-1.08	1
-30	Max	9.29	1	83.06	5	0.00	1	0.00	1	0.00	1	1.99	1
-30	Min.	-18.19	1	-133.16	5	0.00	1	0.00	1	0.00	1	-1.73	1
-29	Max	19.33	1	135.82	5	0.00	5	0.00	5	0.00	1	3.54	1
-29	Min.	-9.25	1	-90.48	5	0.00	5	0.00	5	0.00	1	-7.71	1
-28	Max	7.62	5	103.75	5	0.00	1	0.00	5	0.00	1	2.71	5
-28	Min.	0.22	5	-74.44	5	0.00	1	0.00	5	0.00	1	-3.13	5
-27	Max	5.62	1	16.01	5	0.00	5	0.00	5	0.00	5	1.28	5
-27	Min.	-4.36	1	-96.40	5	0.00	12	0.00	10	0.00	5	-0.52	5
-26	Max	2.16	5	93.57	5	0.00	5	0.00	5	0.00	5	1.23	1
-26	Min.	-1.13	5	-89.70	5	0.00	11	0.00	5	0.00	5	-1.42	1
-25	Max	3.35	1	138.50	5	0.00	1	0.00	5	0.00	5	1.34	5
-25	Min.	-2.17	1	-156.71	5	0.00	12	0.00	5	0.00	5	-0.63	5
-24	Max	4.13	1	122.03	5	0.00	1	0.00	5	0.00	1	3.59	1
-24	Min.	-5.10	1	-97.44	5	0.00	11	0.00	5	0.00	1	-2.16	1
-23	Max	-2.42	5	84.85	5	0.00	1	0.00	5	0.00	10	3.89	1
-23	Min.	-11.73	5	-66.85	5	0.00	1	0.00	5	0.00	1	-7.44	1
-22	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-22	Min.	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-21	Max	3.70	1	80.65	5	0.00	1	0.00	1	0.00	5	0.59	5
-21	Min.	-2.32	1	-62.81	5	0.00	1	0.00	1	0.00	5	-0.20	5
-20	Max	1.82	1	55.81	5	0.00	12	0.00	5	0.00	5	0.18	1
-20	Min.	-6.69	1	-48.26	5	0.00	5	0.00	5	0.00	5	-0.50	1
-19	Max	1.82	5	5.88	5	0.00	12	0.00	5	0.00	5	0.05	1
-19	Min.	-1.82	5	-46.16	5	0.00	5	0.00	5	0.00	5	-0.31	1
-18	Max	63.84	5	40.64	5	0.00	5	0.00	1	0.00	1	3.22	5

-18	Min.	-5.30	5	-70.18	5	0.00	5	0.00	1	0.00	1	-3.69	5
-17	Max	63.96	1	-0.77	1	0.00	12	0.00	5	0.00	1	1.60	5
-17	Min.	-73.55	1	-8.42	1	0.00	5	0.00	5	0.00	1	-0.27	5
-16	Max	41.35	1	15.65	5	0.00	5	0.00	5	0.00	1	1.66	5
-16	Min.	-118.96	1	-7.81	5	0.00	5	0.00	5	0.00	1	-0.73	5
-15	Max	36.72	1	98.42	5	0.00	5	0.00	1	0.00	5	2.36	5
-15	Min.	-42.00	1	-42.46	5	0.00	5	0.00	1	0.00	5	-2.69	5
-14	Max	124.88	1	13.77	5	0.00	5	0.00	5	0.00	5	3.02	5
-14	Min.	-50.81	1	-5.20	5	0.00	5	0.00	5	0.00	5	-5.08	5
-13	Max	84.09	1	2.39	1	0.00	12	0.00	5	0.00	5	1.61	5
-13	Min.	-64.29	1	-4.15	1	0.00	5	0.00	5	0.00	5	-3.44	5
-12	Max	30.59	1	-0.96	1	0.00	11	0.00	5	0.00	5	1.98	5
-12	Min.	-40.34	1	-6.64	1	0.00	1	0.00	5	0.00	12	-1.86	5
-11	Max	72.68	1	-5.11	5	0.00	5	0.00	5	0.00	11	3.16	5
-11	Min.	-20.10	1	-58.87	5	0.00	5	0.00	12	0.00	5	-2.71	5
-10	Max	54.55	1	0.45	1	0.00	5	0.00	5	0.00	5	0.37	5
-10	Min.	-11.82	1	-4.76	1	0.00	11	0.00	5	0.00	5	-0.83	5
-9	Max	5.40	1	7.72	5	0.00	5	0.00	5	0.00	5	1.51	5
-9	Min.	-74.65	1	-4.58	5	0.00	12	0.00	5	0.00	11	-1.38	5
-8	Max	20.13	1	79.73	5	0.00	5	0.00	11	0.00	5	2.67	5
-8	Min.	-69.02	1	-29.50	5	0.00	11	0.00	5	0.00	5	-2.02	5
-7	Max	48.69	1	13.31	5	0.00	5	0.00	5	0.00	10	1.78	5
-7	Min.	-26.04	1	-6.35	5	0.00	5	0.00	5	0.00	5	-1.31	5
-6	Max	91.24	1	2.82	5	0.00	5	0.00	5	0.00	5	1.53	5
-6	Min.	-78.83	1	-4.65	5	0.00	5	0.00	5	0.00	12	-1.87	5
-5	Max	86.38	1	11.44	5	0.00	5	0.00	5	0.00	5	2.87	5
-5	Min.	-125.27	1	-12.74	5	0.00	5	0.00	5	0.00	5	-4.12	5
-4	Max	54.20	1	48.39	5	0.00	5	0.00	5	0.00	5	2.03	5
-4	Min.	-38.25	1	-27.17	5	0.00	12	0.00	12	0.00	5	-2.96	5
-3	Max	103.27	1	12.14	5	0.00	5	0.00	5	0.00	12	1.79	5
-3	Min.	-64.04	1	-13.30	5	0.00	5	0.00	5	0.00	5	-1.49	5
-2	Max	73.95	1	8.44	5	0.00	5	0.00	5	0.00	1	2.06	5
-2	Min.	-104.19	1	-11.67	5	0.00	5	0.00	5	0.00	1	-2.47	5
-1	Max	10.19	1	46.43	5	0.00	5	0.00	10	0.00	5	3.51	1
-1	Min.	-80.48	1	-39.03	5	0.00	5	0.00	5	0.00	5	-4.72	1

Tensioni sul terreno

Simbologia

Nodo = Numero del nodo

σ_t = Tensione sul terreno

CC = Numero della combinazione delle condizioni di carico elementari

Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC
-125	Max	470.02	5	-125	Min.	119.42	5	-124	Max	359.63	11	-124	Min.	127.33	5	-123	Max	366.99	11
-123	Min.	136.46	5	-122	Max	370.46	11	-122	Min.	140.15	5	-121	Max	371.10	11	-121	Min.	145.13	5
-120	Max	363.58	11	-120	Min.	153.77	5	-119	Max	365.33	11	-119	Min.	154.95	5	-118	Max	364.17	11
-118	Min.	151.75	5	-117	Max	360.82	11	-117	Min.	148.63	5	-116	Max	358.52	11	-116	Min.	138.51	5
-115	Max	359.67	11	-115	Min.	135.43	5	-114	Max	354.59	11	-114	Min.	128.50	5	-113	Max	353.44	11
-113	Min.	126.68	5	-112	Max	354.21	11	-112	Min.	124.74	5	-111	Max	355.63	11	-111	Min.	123.86	5
-110	Max	361.01	11	-110	Min.	122.06	5	-109	Max	364.54	5	-109	Min.	121.47	5	-108	Max	367.34	5
-108	Min.	121.03	5	-107	Max	379.56	5	-107	Min.	119.23	5	-106	Max	382.69	5	-106	Min.	118.70	5
-105	Max	389.97	5	-105	Min.	117.01	5	-104	Max	394.83	5	-104	Min.	114.70	5	-103	Max	397.71	5
-103	Min.	108.70	5	-102	Max	509.99	5	-102	Min.	92.30	5	-101	Max	337.85	11	-101	Min.	156.38	5
-100	Max	348.36	11	-100	Min.	168.27	5	-99	Max	316.69	11	-99	Min.	151.69	5	-98	Max	425.38	5
-98	Min.	128.32	5	-97	Max	340.92	11	-97	Min.	177.39	5	-96	Max	255.91	11	-96	Min.	125.92	5
-95	Max	304.12	11	-95	Min.	163.63	5	-94	Max	314.62	11	-94	Min.	169.03	5	-93	Max	295.83	11
-93	Min.	172.02	5	-92	Max	343.23	11	-92	Min.	184.61	5	-91	Max	331.66	11	-91	Min.	189.87	5
-90	Max	364.96	9	-90	Min.	148.86	1	-89	Max	377.92	10	-89	Min.	164.77	5	-88	Max	229.32	11
-88	Min.	141.82	5	-87	Max	325.49	11	-87	Min.	198.40	5	-86	Max	313.07	10	-86	Min.	174.67	1
-85	Max	280.67	11	-85	Min.	187.49	5	-84	Max	324.38	11	-84	Min.	199.82	5	-83	Max	319.25	11
-83	Min.	205.48	5	-82	Max	376.23	9	-82	Min.	154.72	1	-81	Max	316.58	11	-81	Min.	207.69	5
-80	Max	301.46	10	-80	Min.	166.82	1	-79	Max	379.41	9	-79	Min.	156.60	1	-78	Max	345.66	9
-78	Min.	176.06	1	-77	Max	312.89	11	-77	Min.	201.75	5	-76	Max	314.61	11	-76	Min.	207.33	5
-75	Max	314.96	11	-75	Min.	208.74	5	-74	Max	297.54	10	-74	Min.	164.47	1	-73	Max	272.39	12
-73	Min.	171.57	5	-72	Max	373.03	10	-72	Min.	184.22	1	-71	Max	308.40	9	-71	Min.	210.03	5
-70	Max	309.99	12	-70	Min.	206.18	5	-69	Max	307.91	12	-69	Min.	197.12	1	-68	Max	275.36	10
-68	Min.	153.09	1	-67	Max	250.91	12	-67	Min.	165.56	5	-66	Max	247.33	12	-66	Min.	141.62	5
-65	Max	251.28	12	-65	Min.	140.41	5	-64	Max	266.75	12	-64	Min.	148.36	5	-63	Max	272.28	12
-63	Min.	153.57	5	-62	Max	316.08	10	-62	Min.	185.10	1	-61	Max	386.99	9	-61	Min.	162.73	1
-60	Max	305.08	9	-60	Min.	208.18	1	-59	Max	388.75	9	-59	Min.	165.17	1	-58	Max	374.01	10
-58	Min.	192.44	1	-57	Max	373.94	10	-57	Min.	193.95	1	-56	Max	305.17	10	-56	Min.	177.35	1
-55	Max	389.64	9	-55	Min.	168.09	1	-54	Max	300.87	11	-54	Min.	204.03	1	-53	Max	388.62	9
-53	Min.	167.98	1	-52	Max	355.04	9	-52	Min.	186.35	1	-51	Max	314.55	9	-51	Min.	213.48	1
-50	Max	304.18	9	-50	Min.	207.94	1	-49	Max	300.46	11	-49	Min.	204.03	1	-48	Max	291.17	10
-48	Min.	193.57	1	-47	Max	238.78	10	-47	Min.	132.16	1	-46	Max	235.17	10	-46	Min.	132.17	1
-45	Max	234.48	10	-45	Min.	138.10	1	-44	Max	277.31	9	-44	Min.	171.20	1	-43	Max	295.04	9
-43	Min.	188.19	1	-42	Max	304.26	12	-42	Min.	204.34	5	-41	Max	307.10	10	-41	Min.	198.27	1

-40	Max	308.19	10	-40	Min.	183.20	1	-39	Max	307.42	10	-39	Min.	176.89	1	-38	Max	298.73	10
-38	Min.	173.47	1	-37	Max	292.27	10	-37	Min.	170.87	1	-36	Max	318.86	10	-36	Min.	185.56	1
-35	Max	371.43	10	-35	Min.	192.21	1	-34	Max	299.17	9	-34	Min.	204.02	1	-33	Max	294.20	10
-33	Min.	168.42	5	-32	Max	380.74	9	-32	Min.	156.94	1	-31	Max	231.49	10	-31	Min.	140.43	1
-30	Max	301.86	9	-30	Min.	176.55	1	-29	Max	364.69	10	-29	Min.	175.00	1	-28	Max	378.07	1
-28	Min.	145.04	1	-27	Max	256.65	12	-27	Min.	141.59	5	-26	Max	314.94	12	-26	Min.	162.83	5
-25	Max	320.75	12	-25	Min.	167.85	5	-24	Max	306.97	12	-24	Min.	137.41	5	-23	Max	396.40	5
-23	Min.	143.67	5	-22	Max	323.30	5	-22	Min.	133.44	5	-21	Max	332.45	12	-21	Min.	151.06	5
-20	Max	319.84	12	-20	Min.	150.73	5	-19	Max	329.44	5	-19	Min.	132.34	5	-18	Max	473.63	5
-18	Min.	112.78	5	-17	Max	372.98	5	-17	Min.	119.47	5	-16	Max	370.35	5	-16	Min.	125.77	5
-15	Max	361.66	5	-15	Min.	131.22	5	-14	Max	332.17	5	-14	Min.	138.44	5	-13	Max	315.38	12
-13	Min.	142.99	5	-12	Max	311.94	12	-12	Min.	144.13	5	-11	Max	305.96	12	-11	Min.	141.92	5
-10	Max	304.11	12	-10	Min.	139.73	5	-9	Max	316.96	12	-9	Min.	136.68	5	-8	Max	325.47	5
-8	Min.	137.49	5	-7	Max	332.35	5	-7	Min.	139.02	5	-6	Max	332.80	5	-6	Min.	138.63	5
-5	Max	335.81	5	-5	Min.	134.69	5	-4	Max	362.76	5	-4	Min.	123.81	5	-3	Max	369.57	5
-3	Min.	121.06	5	-2	Max	375.59	5	-2	Min.	113.43	5	-1	Max	484.88	5	-1	Min.	101.41	5

Criteri di progetto utilizzati

Sezioni generiche

Generali	
Stampe	
Tipo di relazione	Estesa

Specifici	3
Materiali	
-Considera come elemento esistente	No
-Calcestruzzo	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di calcestruzzo	C28/35
-Rck calcestruzzo	350.00
-Modulo elastico <daN/cmq>	325881.00
-Resistenza caratteristica cilindrica (Fck)	290.50
-Resistenza caratteristica a trazione (Fctk)	19.84
-Resistenza media (Fcm) <daN/cmq>	370.50
-Resistenza media a trazione (Fctm) <daN/cmq>	28.35
-σ amm. calcestruzzo <daN/cmq>	110.00
-rc0 <daN/cmq>	6.70
-rc1 <daN/cmq>	19.70
-Riduci Fcd per tutte le verifiche secondo il D.M. 08	Si
-γc per stati limite ultimi	
-Automatico	x
-Pari a	
-Acciaio	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di acciaio	B450C
-Modulo elastico <daN/cmq>	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cmq>	4500.00
-Tensione media di snervamento (Fym) <daN/cmq>	4500.00
-Sigma amm. acciaio <daN/cmq>	2600.00
-Sigma amm. reti e tralicci <daN/cmq>	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00
-γs per stati limite ultimi	
-Automatico	x
-Pari a	
-Coeff. di omogeneizzazione	15.00
Parametri per analisi pushover	
Numero fibre	200.00
Fattore di confinamento nucleo interno	1.00
Fattore di incrudimento acciaio <%>	0.10
Posizione barre e normativa	
Copriferro reale al bordo staffa <cm>	2.50
Diametro staffa teorica <mm>	8.00
Distanza fra ferri su più strati <cm>	1.00
Verifica con barre in posizione teorica	Si
-Copriferro <cm>	3.00
Normativa di riferimento	
-Relativa alle travi	
-Relativa ai pilastri	
-Relativa solo al controllo sulle tensioni	x
Verifiche secondo Circ. 65 del 10/04/97	No

Verifiche e sollecitazioni	
Passo di verifica <m>	0.50
Integrare lo scorrimento lungo il tratto	Si
-Lunghezza del tratto <m>	1.00
Verifiche a pressoflessione	Si
Verifiche a flessione/pressoflessione retta	No
-Considera My	
-Considera Mz	
Verifiche di stabilità in direzione Z locale	No
-Coeff. Ω_b	
Integrare lo scorrimento lungo il tratto	No
-Coeff. β	
Tipo verifica di stabilità	
-Per $N^*\Omega$ -M e per N-c*M (standard)	Si
-Per $N^*\Omega$ -c*M (doppia)	No
-Per $N^*\Omega$ (sforzo normale e momento nullo)	No
-Per c*M (momento e sforzo normale nullo)	No
Verifiche a taglio	
Modalità di calcolo Vrdu	
-Considera Vrdu minimo	x
-Considera Vrdu calcolato in corrispondenza di bw minimo	
-Considera Vrdu in corrispondenza di bw medio	
-Considera Vrdu in corrispondenza di bw massimo	
-Considera sempre Af Staffe non proiettata in direzione del taglio	No
-Verifica a taglio con traliccio ad inclinazione variabile	Si
-Limita ctg θ a	2.50
-Verifiche a taglio per elementi esistenti come per elementi nuovi	Si
Dati per progettazione agli stati limite	
Gruppo di esigenza	
-Ambiente poco aggressivo	x
-Ambiente moderatamente aggressivo	
-Ambiente molto aggressivo	
Usa dominio N-M per flessioni rette	No
-Ricerca della sicurezza con sforzo normale costante	
-Ricerca della sicurezza con eccentricità costante	
Controllo rapporto X/D	No
Barre da considerare tese per verifiche a taglio	
-Solo le barre con deformazione percentuale rispetto alla barra più tesa non inferiore al <%>	30.00
-Tutte le barre in trazione	
Dati per verifiche di resistenza al fuoco	
-Tempo di verifica (REI) <minuti>	120.00
Dimensione MESH <cm>	2.00
-Passo di calcolo <secondi>	10.00
-Temperatura ambiente <C°>	20.00
-Coeff. di convezione a temperatura ambiente <W/mq K>	9.00
-Tipo di aggregati	SILICEI
Massa volumica a secco <daN/mc>	2300.00
-Umidità iniziale <%>	3.00
-Fattore di interpolazione conducibilità	0.50

Aste in legno

Generali	
Verifica aste in legno	
Numero punti interni per controllo Sigma	15.00
Numero CC da considerare di tipo H	99.00
Sigma max amm. senza verifiche di stabilità <%>	2.00
Usa momenti equivalenti per verifiche di stabilità	Si
Trascura sisma per verifiche di deformazione alle T.A.	Si
-Considera azioni sismiche di durata	Molto breve/Istantanea
Stampe	
Verifiche da riportare in relazione	Tutte

	1
Specifici	
Caratteristiche legno	

Tipo di legno	
-Lamellare	
-Massiccio	x
Verifiche Tensioni Ammissibili (DIN 1052)	No
Classificazione per verifiche di stabilità	
-Moduli di elasticità	
-Flessionale (E) <daN/cm ² >	
-Assiale parallelo alle fibre (E ₀) <daN/cm ² >	
-Tangenziale (G) <daN/cm ² >	
-Torsionale (G _T) <daN/cm ² >	
-Tensioni ammissibili	
-Flessione (σ _m) <daN/cm ² >	
-Compressione parallela alle fibre (σ _n) <daN/cm ² >	
-Trazione parallela alle fibre (σ _t) <daN/cm ² >	
-Taglio (τ) <daN/cm ² >	
Verifiche Stati Limite (EC5/D.M. 08)	Si
-Considera come elemento esistente	Si
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Moduli di elasticità	
-Medio parallelo alle fibre (E _{0mean}) <daN/cm ² >	100000.00
-Caratteristico parallelo alle fibre (E _{0,05}) <daN/cm ² >	67000.00
-Tangenziale medio (G _{mean}) <daN/cm ² >	6300.00
-Resistenze caratteristiche	
-Flessione (f _{m,k}) <daN/cm ² >	280.00
-Compressione parallela alle fibre (f _{c,0,k}) <daN/cm ² >	220.00
-Trazione parallela alle fibre (f _{t,0,k}) <daN/cm ² >	170.00
-Taglio (f _{v,k}) <daN/cm ² >	29.00
Considera incremento per sezioni piccole	No
Parametri di calcolo	
DIN 1052	
-Percentuale di umidità u	
-<= 18%	
-> 18%	
EC5/D.M. 08	
-Classe di servizio	
-Classe di servizio 1	x
-Classe di servizio 2	
-Classe di servizio 3	
-Coeff. Gamma m (EC5)	1.30
-Coeff. Gamma m (D.M. 08)	1.50
-Usa Kdef dei carichi classificati con durata permanente (D.M. 08)	Si
Massimo valore del rapporto tra la luce e la freccia	250.00
Considerare anche spostamento relativo nodi per calcolo freccia	No
Considerare solo la verifica di deformabilità delle membrature	Si
Verifiche di stabilità asta	
Riduzione lunghezza libera d'inflessione	
-Distanza fra i nodi dell'asta	x
-Distanza ridotta delle zone rigide moltiplicate per il valore	
Verifiche di stabilità globale in dir. Y locale	Si
-Coeff. β intorno all'asse Y	1.00
Verifiche di stabilità globale in dir. Z locale	Si
-Coeff. β intorno all'asse Z	1.00
Verifiche di stabilità laterale	Si
-Coeff. per calcolo interasse ritegni torsionali	1.00
Verifiche di stabilità membratura	
Massimo numero aste costituenti unica membratura	1.00
Sforzo normale di verifica	
-Massimo valore fra tutte le aste	x
-Media aritmetica dei valori di tutte le aste	
-Media pesata di tutte le aste	
Contributo eventuali sforzi di trazione	No
Verifiche di stabilità globale in dir. Y locale	Si
-Coeff. β intorno all'asse Y	1.00
Verifiche di stabilità globale in dir. Z locale	Si

-Coeff. β intorno all'asse Z	1.00
Dati per verifiche di resistenza al fuoco	
Tempo di verifica (REI) <minuti>	120.00
Velocità di carbonizzazione convenzionale	0.70

Murature

Generali	
Verifiche per azioni ortogonali	
Calcolo dei momenti per CC statiche	Con momenti derivanti dal calcolo
Verifiche per azioni dovute al sisma nel modello generale pareti	Con momenti derivanti dal calcolo
-Trascura eccentricità aggiuntive	Si
Esegui verifiche anche in sommità dell'ultimo piano	No
Verifiche per azioni complanari	
Trascura momenti nel piano dovuti ai carichi verticali	Si
Esegui verifiche anche in sommità dell'ultimo piano	No
Travi di accoppiamento in c.a. o acciaio	
Comportamento travi di accoppiamento	Considera sempre la resistenza
Analisi sismica non lineare	
Considera collaboranti anche pilastri in c.a. e/o acciaio	No
Considera collaboranti anche pareti in c.a.	No
Crea collegamenti fra pareti	No
Calcola con zone rigide	No
-Valuta spostamenti ultimi al netto delle zone rigide	Si
-Valuta spostamenti ultimi trascurando le rotazioni rigide	Si
Calcola spostamenti di danno e operatività a livello di maschio	Si
-Valuta spostamenti al netto delle zone rigide	Si
-Valuta spostamenti trascurando le rotazioni rigide	Si
Verifiche meccanismi locali di collasso	
Verifica cinematismi	Si
Tipo di analisi	-Cinematica non lineare
-Verifica anche stato limite di danno	No
Verifica cinematismi con cunei di rottura (pareti ben ammorsate)	-Mai
-Considera solo cunei di rottura interessanti tutto il cinematismo	Si
-Angolo di generazione del cuneo di rottura <grad>	30.00
Verifica cinematismi senza cunei di rottura	-Sempre
-Verifica cinematismi a flessione verticale	Si
Parametri di disegno muratura armata	
Eliminare le quotature esterne ed interne	No
Eliminare le quotature dei pilastri	No
Eliminare le dimensioni delle travi e dei muri	Si
Eliminare la numerazione delle travi e dei muri	Si
Eliminare le campiture	Si
Eliminare il disegno del cerchio intorno al numero del pilastro	No
Stampe	
Stampa dettaglio evoluzione per passi	No
-Stampa dettaglio evoluzione per elementi	No
-Stampa solo passi significativi	Si
Raggruppa in un'unica tabella	Si
Riporta in relazione il disegno dello schema del cinematismo	Si
Riporta in relazione il disegno della curva carico-spostamento	Si

Specifici	13
Materiali	
Muratura	
-Considera come elementi esistenti	Si
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Resistenza a taglio ($\tau_k - f_{vk0}$) <daN/cm ² >	0.65
-Resistenza a compressione ($\sigma_k - f_{bk}$) <daN/cm ² >	32.00
-Resistenza a compressione per forze orizzontali (f_{bk}^*) <daN/cm ² >	30.00
-Modulo elastico (E) <daN/cm ² >	8700.00
-Modulo elastico tangenziale (G) <daN/cm ² >	2900.00
Acciaio per muratura armata	
-Tipo di acciaio (B450A+B450C)	B450C
-Modulo elastico <daN/cm ² >	2.06E+06
-Tensione caratteristica di snervamento (F_{yk}) <daN/cm ² >	4500.00
- γ_s per stati limite ultimi	

-Automatico	x
-Pari a	
Verifiche per carichi verticali	
Coeff. γ per verifiche per carichi verticali secondo D.M. 08	3.00
Lunghezza appoggio solai	
-Pari a <cm>	
-Come multiplo dello spessore della parete pari a	0.66
Trascura eccentricità per solai continui	Si
Verifiche per azioni orizzontali	
Coeff. γ per verifiche per azioni sismiche secondo D.M. 08	2.00
Resistenza ad azioni sismiche nel piano	
-Parete non resistente	
-Parete non resistente se L/H minore di	0.30
Considera appoggio sui solai anche per carichi sismici	Si
Verifiche con metodo POR	
Precompressione verticale (σ_v) <daN/cm ² >	0.00
Precompressione orizzontale (σ_x) <daN/cm ² >	0.00
Duttilità (μ)	1.50
Comportamento maschi murari	
Plasticizzazione per taglio	Si
Rottura a taglio	Si
-Rottura a taglio per scorrimento	
-Rottura a taglio per fessurazione diagonale	x
-Spostamento ultimo per muratura esistente <%>	0.40
-Spostamento ultimo per muratura nuova <%>	0.40
Plasticizzazione per pressoflessione	Si
Rottura per pressoflessione	Si
-Spostamento ultimo per muratura esistente <%>	0.60
-Spostamento ultimo per muratura nuova <%>	0.80
Comportamento travi di accoppiamento in muratura	
Elementi in muratura sopra il piano	
-Trascura completamente resistenza	
-Considera solo in presenza di elemento sottostante in c.a. o acciaio	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>	
Elementi in muratura sotto il piano	
-Trascura completamente resistenza	
-Considera solo in presenza di elemento sottostante in c.a. o acciaio	
-Considera solo in presenza di elemento sottostante o sovrastante in c.a. o acciaio	x
-Considera ipotizzando elemento con resistenza a trazione pari a <daN>	
Modalità di rottura a taglio	
-Comportamento elastico plastico indefinito	
-Comportamento elastico plastico-fragile	
-Comportamento elastico-fragile	x
-Spostamento ultimo per muratura esistente <%>	0.00
-Spostamento ultimo per muratura nuova <%>	0.00
Modalità di rottura per pressoflessione	
-Comportamento elastico plastico indefinito	
-Comportamento elastico plastico-fragile	
-Comportamento elastico-fragile	x
-Spostamento ultimo per muratura esistente <%>	0.00
-Spostamento ultimo per muratura nuova <%>	0.00
Parametri di progetto muratura armata	
Armatura verticale concentrata negli incroci/spigoli	
-Diametro <mm>	16.00
-Armatura nella prima posizione	
-Tipo 1	x
-Tipo 2	
-Tipo 3	
-Tipo 4	
-Tipo 5	
-Distanza fra ferri <cm>	2.00
-Armatura nella seconda posizione	No
-Tipo 1	x
-Tipo 2	
-Tipo 3	
-Tipo 4	
-Tipo 5	
-Distanza dalla prima posizione <cm>	25.00
-Distanza fra ferri <cm>	2.00
-Armatura nella terza posizione	No
-Tipo 1	x
-Tipo 2	
-Tipo 3	

-Tipo 4	
-Tipo 5	
-Distanza dalla seconda posizione <cm>	25.00
-Distanza fra ferri <cm>	2.00
Armatura distribuita	
-Diametro <mm>	10.00
-Passo <cm>	150.00
Armatura orizzontale	
-Copriferro <cm>	5.00
-Diametro <mm>	6.00
-Passo <cm>	40.00
Lunghezza ancoraggi armature <m>	1.00

Verifiche muratura

Tabelle riassuntive verifiche

Verifiche maschi murari

Simbologia

Num. = Numero elemento (maschio/architrave/parete in muratura armata)

Zv = Coordinata Z di verifica

TP = Tasso di sfruttamento per pressoflessione nel piano

TPO = Tasso di sfruttamento per pressoflessione ortogonale al piano

TT = Tasso di sfruttamento per taglio nel piano

TG = Tasso di sfruttamento globale

Num.	Zv <m>	TP	TPO	TT	TG
1	0.00	0.00	0.43	0.44	0.44
1	2.04	0.00	0.44	0.63	0.63
1	4.07	0.00	0.31	0.45	0.45
1	4.07	0.00	0.32	0.60	0.60
1	6.33	0.00	0.26	0.69	0.69
1	8.58	0.00	0.19	0.38	0.38
1	8.58	0.00	0.19	0.32	0.32
1	10.46	0.00	0.36	0.34	0.36
2	0.00	0.09	0.50	0.73	0.73
2	2.04	0.03	0.57	1.13	1.13
2	4.07	0.01	0.39	0.50	0.50
2	4.07	0.12	0.37	0.73	0.73
2	6.33	0.07	0.37	1.10	1.10
2	8.58	0.08	0.24	0.25	0.25
2	8.58	0.04	0.19	0.31	0.31
2	10.46	0.04	0.38	0.51	0.51
3	0.00	0.30	0.54	0.89	0.89
3	2.04	0.10	0.56	1.24	1.24
3	4.07	0.03	0.44	0.31	0.44
3	4.07	0.10	0.36	1.03	1.03
3	6.33	0.11	0.37	1.49	1.49
3	8.58	0.22	0.26	0.23	0.26
3	8.58	0.03	0.18	0.33	0.33
3	10.46	0.10	0.32	1.00	1.00
4	0.00	0.30	0.48	0.85	0.85
4	2.04	0.10	0.53	1.13	1.13
4	4.07	0.02	0.53	0.20	0.53
4	4.07	0.07	0.59	0.89	0.89
4	6.33	0.09	0.44	1.32	1.32
4	8.58	0.20	0.34	0.24	0.34
4	8.58	0.03	0.42	0.26	0.42
4	10.46	0.08	0.79	1.11	1.11
5	0.00	0.12	0.42	0.60	0.60
5	2.04	0.13	0.58	0.92	0.92
5	4.07	0.01	0.37	0.41	0.41
5	4.07	0.15	0.38	0.62	0.62
5	6.33	0.01	0.41	0.99	0.99
5	8.58	0.13	0.26	0.28	0.28
5	8.58	0.06	0.17	0.27	0.27
5	10.46	0.07	0.23	0.65	0.65
6	0.00	0.00	0.49	0.30	0.49
6	2.04	0.00	0.46	0.42	0.46
6	4.07	0.00	0.30	0.33	0.33
6	4.07	0.00	0.31	0.40	0.40
6	6.33	0.00	0.30	0.52	0.52
6	8.58	0.00	0.23	0.31	0.31
6	8.58	0.00	0.15	0.22	0.22
6	10.46	0.00	0.26	0.30	0.30
7	0.00	0.00	1.73	2.05	2.05

7	2.04	0.00	1.18	2.39	2.39
7	4.07	0.00	1.19	1.44	1.44
7	4.07	0.00	---	4.37	---
7	6.33	0.00	---	3.06	---
7	8.58	0.00	---	2.00	---
7	8.58	0.00	---	2.27	---
7	10.46	0.00	---	1.21	---
8	0.00	0.00	1.15	2.90	2.90
8	2.04	0.00	0.92	3.19	3.19
8	4.07	0.00	1.25	2.39	2.39
8	4.07	0.00	---	4.25	---
8	6.33	0.00	---	4.37	---
9	0.00	0.00	0.96	2.89	2.89
9	2.04	0.00	0.78	3.62	3.62
9	4.07	0.00	1.15	2.74	2.74
9	4.07	0.00	---	4.04	---
9	6.33	0.00	---	4.30	---
9	8.58	0.00	---	1.31	---
9	8.58	0.00	---	0.75	---
9	10.46	0.00	---	0.65	---
10	0.00	0.00	0.93	2.32	2.32
10	2.04	0.00	0.80	3.37	3.37
10	4.07	0.00	1.20	2.37	2.37
10	4.07	0.00	---	3.37	---
10	6.33	0.00	---	3.78	---
11	0.00	0.00	0.99	1.32	1.32
11	2.04	0.00	0.85	1.22	1.22
11	4.07	0.00	0.99	1.11	1.11
11	4.07	0.00	---	2.81	---
11	6.33	0.00	---	3.70	---
11	8.58	0.00	---	1.81	---
11	8.58	0.00	---	1.49	---
11	10.46	0.00	---	1.13	---
12	0.00	0.00	0.92	1.18	1.18
12	2.04	0.00	0.89	1.15	1.15
12	4.07	0.00	0.67	1.06	1.06
12	4.07	0.00	0.54	1.51	1.51
12	6.33	0.00	0.45	1.45	1.45
12	8.58	0.00	0.52	1.06	1.06
12	8.58	0.00	0.26	0.92	0.92
12	10.46	0.00	0.27	0.74	0.74
13	0.00	0.00	0.97	1.78	1.78
13	2.04	0.00	1.06	2.32	2.32
14	0.00	0.00	0.83	1.46	1.46
14	2.04	0.00	0.59	2.33	2.33
15	0.00	0.00	0.98	1.71	1.71
15	2.04	0.00	0.81	2.04	2.04
16	0.00	0.00	1.10	1.10	1.10
16	2.04	0.00	1.07	1.37	1.37
16	4.07	0.00	0.55	1.31	1.31
16	4.07	0.00	0.36	0.38	0.38
16	6.33	0.00	0.37	1.11	1.11
16	8.58	0.00	0.29	1.37	1.37
16	8.58	0.00	0.20	0.48	0.48
16	10.46	0.00	0.24	0.79	0.79
17	0.00	0.00	1.01	0.67	1.01
17	2.04	0.00	1.09	0.64	1.09
18	0.00	0.00	0.70	1.21	1.21
18	2.04	0.00	0.89	1.56	1.56
19	0.00	0.00	0.99	1.47	1.47
19	2.04	0.00	0.92	1.78	1.78
20	0.00	0.00	1.00	1.81	1.81
20	2.04	0.00	0.90	2.16	2.16
20	4.07	0.00	0.58	0.41	0.58
20	4.07	0.00	0.79	1.75	1.75
20	6.33	0.00	0.70	1.65	1.65
20	8.58	0.00	0.55	1.25	1.25
20	8.58	0.00	0.68	1.23	1.23
20	10.46	0.00	0.36	0.98	0.98
21	0.00	0.00	1.10	1.51	1.51
21	2.04	0.00	1.06	1.51	1.51
21	4.07	0.00	0.82	0.95	0.95
21	4.07	0.00	0.63	1.43	1.43
21	6.33	0.00	0.47	1.55	1.55
21	8.58	0.00	0.39	0.83	0.83
21	8.58	0.00	0.33	0.92	0.92
21	10.46	0.00	0.45	0.82	0.82
22	0.00	0.00	0.46	0.45	0.46
22	2.04	0.00	0.50	0.72	0.72

22	4.07	0.00	0.34	0.45	0.45
22	4.07	0.00	0.37	0.60	0.60
22	6.33	0.00	0.29	0.65	0.65
22	8.58	0.00	0.19	0.32	0.32
22	8.58	0.00	0.26	0.28	0.28
22	10.46	0.00	0.36	0.45	0.45
23	0.00	0.14	0.46	0.54	0.54
23	2.04	0.10	0.67	1.08	1.08
23	4.07	0.02	0.37	0.56	0.56
23	4.07	0.12	0.35	0.76	0.76
23	6.33	0.16	0.35	0.76	0.76
23	8.58	0.07	0.20	0.58	0.58
23	8.58	0.13	0.13	0.55	0.55
23	10.46	0.13	0.21	0.45	0.45
24	0.00	0.06	0.54	0.78	0.78
24	2.04	0.08	0.72	0.85	0.85
24	4.07	0.07	0.65	0.68	0.68
24	4.07	0.05	0.59	1.08	1.08
24	6.33	0.02	0.26	0.86	0.86
24	8.58	0.10	0.30	1.03	1.03
24	8.58	0.07	0.34	0.97	0.97
24	10.46	0.14	0.40	0.60	0.60
25	0.00	0.00	0.65	0.82	0.82
25	2.04	0.00	0.62	0.46	0.62
25	4.07	0.00	0.46	0.88	0.88
25	4.07	0.00	0.35	0.80	0.80
25	6.33	0.00	0.34	1.24	1.24
25	8.58	0.00	0.21	0.92	0.92
25	8.58	0.00	0.27	1.27	1.27
25	10.46	0.00	0.26	1.27	1.27
26	0.00	0.00	0.58	1.21	1.21
26	2.04	0.00	0.59	1.49	1.49
26	4.07	0.00	0.63	0.84	0.84
26	4.07	0.00	0.64	0.89	0.89
26	6.33	0.00	0.26	1.34	1.34
26	8.58	0.00	0.34	0.60	0.60
26	8.58	0.00	0.42	1.04	1.04
26	10.46	0.00	0.23	1.32	1.32
27	0.00	0.27	0.60	1.07	1.07
27	2.04	0.13	0.62	1.50	1.50
27	4.07	0.10	0.43	0.40	0.43
27	4.07	0.12	0.34	0.53	0.53
27	6.33	0.17	0.31	1.90	1.90
27	8.58	0.18	0.21	0.32	0.32
27	8.58	0.13	0.23	0.32	0.32
27	10.46	0.10	0.51	1.58	1.58
28	0.00	0.00	0.80	0.65	0.80
28	2.04	0.00	0.61	0.20	0.61
28	4.07	0.00	0.28	0.99	0.99
28	4.07	0.00	0.31	0.90	0.90
28	6.33	0.00	0.45	0.51	0.51
28	8.58	0.00	0.30	0.96	0.96
28	8.58	0.00	0.37	0.56	0.56
28	10.46	0.00	0.26	0.59	0.59
29	0.00	0.00	0.63	1.02	1.02
29	2.04	0.00	0.60	1.19	1.19
29	4.07	0.00	0.46	0.31	0.46
29	4.07	0.00	0.40	0.57	0.57
29	6.33	0.00	0.34	1.07	1.07
30	0.00	0.00	0.50	1.04	1.04
30	2.04	0.00	0.60	1.55	1.55
30	4.07	0.00	0.44	0.75	0.75
30	4.07	0.00	0.41	0.97	0.97
30	6.33	0.00	0.38	1.43	1.43
30	8.58	0.00	0.26	0.57	0.57
30	8.58	0.00	0.27	0.67	0.67
30	10.46	0.00	0.39	1.30	1.30
31	0.00	0.00	0.65	0.47	0.65
31	2.04	0.00	0.49	0.51	0.51
31	4.07	0.00	0.34	0.38	0.38
31	4.07	0.00	0.35	0.47	0.47
31	6.33	0.00	0.27	0.60	0.60
31	8.58	0.00	0.21	0.40	0.40
31	8.58	0.00	0.17	0.24	0.24
31	10.46	0.00	0.33	0.47	0.47
32	0.00	0.11	0.67	0.68	0.68
32	2.04	0.10	0.47	0.76	0.76
32	4.07	0.12	0.48	0.77	0.77
32	4.07	0.15	0.40	0.75	0.75

32	6.33	0.04	0.30	0.80	0.80
32	8.58	0.03	0.28	0.62	0.62
32	8.58	0.05	0.32	0.62	0.62
32	10.46	0.05	0.22	0.57	0.57
33	0.00	0.04	0.74	0.56	0.74
33	2.04	0.04	0.49	0.62	0.62
33	4.07	0.09	0.49	0.62	0.62
33	4.07	0.13	0.37	0.61	0.61
33	6.33	0.07	0.33	0.72	0.72
33	8.58	0.06	0.29	0.47	0.47
33	8.58	0.03	0.37	0.49	0.49
33	10.46	0.07	0.26	0.54	0.54
34	0.00	0.00	0.75	0.90	0.90
34	2.04	0.00	0.61	1.44	1.44
34	4.07	0.00	0.50	0.43	0.50
34	4.07	0.00	0.56	1.56	1.56
34	6.33	0.00	0.38	1.01	1.01
34	8.58	0.00	0.38	0.13	0.38
34	8.58	0.00	0.27	2.45	2.45
34	10.46	0.00	0.51	1.78	1.78
35	0.00	0.00	1.06	1.10	1.10
35	2.04	0.00	1.18	1.19	1.19
36	0.00	0.00	1.04	2.17	2.17
36	2.04	0.00	0.95	2.56	2.56
36	4.07	0.00	0.65	0.89	0.89
36	4.07	0.00	0.87	1.64	1.64
36	6.33	0.00	0.72	1.45	1.45
36	8.58	0.00	0.48	0.38	0.48
36	8.58	0.00	0.56	0.81	0.81
36	10.46	0.00	0.53	2.01	2.01
37	0.00	0.00	0.90	1.52	1.52
37	2.04	0.00	0.87	1.85	1.85
37	4.07	0.00	0.67	0.91	0.91
37	4.07	0.00	0.55	2.02	2.02
37	6.33	0.00	0.48	2.39	2.39
38	0.00	0.00	0.70	0.91	0.91
38	2.04	0.00	0.69	1.24	1.24
38	4.07	0.00	0.73	1.66	1.66
38	4.07	0.00	0.54	1.53	1.53
38	6.33	0.00	0.43	1.65	1.65
38	8.58	0.00	0.43	1.84	1.84
38	8.58	0.00	0.25	0.76	0.76
38	10.46	0.00	0.37	1.14	1.14
39	0.00	0.00	0.71	1.44	1.44
39	2.04	0.00	0.65	1.64	1.64
39	4.07	0.00	0.82	0.77	0.82
39	4.07	0.00	0.86	1.85	1.85
39	6.33	0.00	0.77	1.65	1.65
39	8.58	0.00	0.48	0.24	0.48
39	8.58	0.00	0.34	1.48	1.48
39	10.46	0.00	0.41	1.00	1.00
40	0.00	---	1.91	1.42	---
40	2.04	---	1.99	1.79	---
40	4.07	0.00	2.07	1.32	2.07
40	4.07	0.00	1.09	1.20	1.20
40	6.33	0.00	0.79	0.59	0.79
40	8.58	0.00	0.45	0.38	0.45
40	8.58	0.00	0.84	0.81	0.84
40	10.46	0.00	0.55	0.39	0.55
41	0.00	---	2.28	1.27	---
41	2.04	---	2.16	1.40	---
41	4.07	0.02	2.55	1.22	2.55
41	4.07	0.02	0.60	1.12	1.12
41	6.33	0.04	0.43	1.37	1.37
41	8.58	0.02	0.45	1.15	1.15
41	8.58	0.02	0.32	1.10	1.10
41	10.46	0.01	0.44	1.11	1.11
42	0.00	0.03	---	1.47	---
42	2.04	0.05	---	1.89	---
42	4.07	0.04	---	1.53	---
42	4.07	0.06	0.43	1.13	1.13
42	6.33	0.05	0.32	1.25	1.25
42	8.58	0.03	0.30	1.30	1.30
42	8.58	0.03	0.39	1.23	1.23
42	10.46	0.02	0.33	1.00	1.00
43	0.00	0.00	0.65	1.20	1.20
43	2.04	0.00	0.61	1.40	1.40
43	4.07	0.00	0.52	0.65	0.65
43	4.07	0.00	0.67	1.40	1.40

43	6.33	0.00	0.50	1.21	1.21
43	8.58	0.00	0.36	0.93	0.93
43	8.58	0.00	0.21	1.43	1.43
43	10.46	0.00	0.58	1.47	1.47
44	0.00	0.28	0.87	1.17	1.17
44	2.04	0.12	0.77	1.29	1.29
44	4.07	0.17	0.65	0.75	0.75
44	4.07	0.30	0.67	1.51	1.51
44	6.33	0.21	0.63	1.55	1.55
44	8.58	0.21	0.46	0.64	0.64
44	8.58	0.04	0.45	0.53	0.53
44	10.46	0.09	0.41	0.80	0.80
45	0.00	---	1.16	1.05	---
45	2.04	0.00	1.10	1.03	1.10
45	4.07	0.00	0.68	0.32	0.68
45	4.07	0.00	0.74	1.34	1.34
45	6.33	0.00	0.64	1.24	1.24
45	8.58	0.00	0.49	0.49	0.49
45	8.58	0.00	0.53	0.29	0.53
45	10.46	0.00	0.44	0.67	0.67
46	0.00	0.00	0.74	0.86	0.86
46	2.04	0.00	0.81	1.08	1.08
46	4.07	0.00	0.54	1.37	1.37
46	4.07	0.00	0.50	1.42	1.42
46	6.33	0.00	0.39	1.11	1.11
46	8.58	0.00	0.37	1.01	1.01
46	8.58	0.00	0.22	0.75	0.75
46	10.46	0.00	0.45	0.31	0.45
47	0.00	0.17	0.46	0.69	0.69
47	2.04	0.06	0.36	0.86	0.86
48	0.00	0.00	0.98	1.17	1.17
48	2.04	0.00	0.89	1.28	1.28
48	4.07	0.00	0.57	1.17	1.17
48	4.07	0.00	0.78	1.63	1.63
48	6.33	0.00	0.68	1.17	1.17
48	8.58	0.00	0.61	0.45	0.61
48	8.58	0.00	0.42	1.31	1.31
48	10.46	0.00	0.29	0.87	0.87
49	0.00	0.00	0.70	0.52	0.70
49	2.04	0.00	0.66	0.61	0.66
49	4.07	0.00	0.63	0.82	0.82
49	4.07	0.00	0.54	1.15	1.15
49	6.33	0.00	0.43	1.28	1.28
49	8.58	0.00	0.37	0.87	0.87
49	8.58	0.00	0.24	0.94	0.94
49	10.46	0.00	0.36	0.84	0.84
50	0.00	0.00	0.54	1.55	1.55
50	2.04	0.00	0.49	1.97	1.97
50	4.07	0.00	0.53	0.96	0.96
50	4.07	0.00	0.63	1.69	1.69
50	6.33	0.00	0.42	1.56	1.56
50	8.58	0.00	0.25	1.14	1.14
50	8.58	0.00	0.22	1.67	1.67
50	10.46	0.00	0.29	1.68	1.68
51	0.00	0.00	0.82	0.33	0.82
51	2.04	0.00	0.78	0.19	0.78
52	0.00	0.10	0.79	1.36	1.36
52	2.04	0.06	0.77	1.46	1.46
52	4.07	0.11	0.69	0.90	0.90
52	4.07	0.17	0.64	1.94	1.94
52	6.33	0.17	0.53	2.27	2.27
52	8.58	0.18	0.39	1.00	1.00
52	8.58	0.10	0.32	0.79	0.79
52	10.46	0.03	0.39	0.86	0.86
53	0.00	0.00	0.98	1.55	1.55
53	2.04	0.00	0.95	1.43	1.43
53	4.07	0.00	0.72	1.48	1.48
53	4.07	0.00	0.65	2.05	2.05
53	6.33	0.00	0.57	2.39	2.39
53	8.58	0.00	0.40	2.02	2.02
53	8.58	0.00	0.25	0.92	0.92
53	10.46	0.00	0.32	0.94	0.94
54	0.00	0.00	1.03	0.90	1.03
54	2.04	0.00	1.05	0.30	1.05
54	4.07	0.00	0.45	0.60	0.60
54	4.07	0.00	0.68	1.60	1.60
54	6.33	0.00	0.63	1.24	1.24
55	0.00	0.00	0.63	1.00	1.00
55	2.04	0.00	0.55	1.09	1.09

Fascicolo dei calcoli

55	4.07	0.00	0.59	0.81	0.81
55	4.07	0.00	0.65	1.88	1.88
55	6.33	0.00	0.63	1.60	1.60
55	8.58	0.00	0.41	0.21	0.41
55	8.58	0.00	0.18	0.34	0.34
55	10.46	0.00	0.45	0.70	0.70
56	0.00	0.01	0.62	1.86	1.86
56	2.04	0.06	0.52	2.44	2.44
57	0.00	0.00	0.54	0.48	0.54
57	2.04	0.00	0.37	0.53	0.53
57	4.07	0.00	0.32	0.62	0.62
57	4.07	0.00	0.31	0.69	0.69
57	6.33	0.00	0.22	0.58	0.58
57	8.58	0.00	0.21	0.48	0.48
57	8.58	0.00	0.15	0.39	0.39
57	10.46	0.00	0.21	0.69	0.69
58	0.00	0.00	0.49	1.33	1.33
58	2.04	0.00	0.55	1.37	1.37
58	4.07	0.00	0.49	1.47	1.47
58	4.07	0.00	0.45	1.54	1.54
58	6.33	0.00	0.20	1.26	1.26
58	8.58	0.00	0.23	1.43	1.43
58	8.58	0.00	0.15	1.23	1.23
58	10.46	0.00	0.22	0.74	0.74
59	0.00	0.11	0.72	0.94	0.94
59	2.04	0.04	0.68	0.99	0.99
59	4.07	0.06	0.52	1.26	1.26
59	4.07	0.06	0.47	1.41	1.41
59	6.33	0.07	0.20	1.10	1.10
59	8.58	0.06	0.23	1.36	1.36
59	8.58	0.10	0.19	1.42	1.42
59	10.46	0.07	0.23	0.63	0.63
60	0.00	0.00	0.67	0.62	0.67
60	2.04	0.00	0.51	0.66	0.66
60	4.07	0.00	0.36	0.57	0.57
60	4.07	0.00	0.33	0.74	0.74
60	6.33	0.00	0.26	0.79	0.79
60	8.58	0.00	0.27	0.73	0.73
60	8.58	0.00	0.15	0.60	0.60
60	10.46	0.00	0.16	0.52	0.52

Verifiche cinematici

Num.	Comm.	An.	TCC	α (A_g)
1	Ribalt. a z=8.58	NL	SLV	0.9362
1	Ribalt. a z=8.58	NL	SLV	1.0429
1	Ribalt. a z=4.07	NL	SLV	0.8440
1	Ribalt. a z=4.07	NL	SLV	2.2607
1	Ribalt. a z=0.00	NL	SLV	0.8605
1	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
1	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
1	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4520
1	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0513
1	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1691
2	Ribalt. a z=8.58	NL	SLV	0.9362
2	Ribalt. a z=8.58	NL	SLV	1.0429
2	Ribalt. a z=4.07	NL	SLV	0.8440
2	Ribalt. a z=4.07	NL	SLV	2.2607
2	Ribalt. a z=0.00	NL	SLV	0.8634
2	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
2	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
2	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4543
2	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0515
2	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1757
3	Ribalt. a z=8.58	NL	SLV	0.9362
3	Ribalt. a z=8.58	NL	SLV	1.0429
3	Ribalt. a z=4.07	NL	SLV	0.8440
3	Ribalt. a z=4.07	NL	SLV	2.2607
3	Ribalt. a z=0.00	NL	SLV	0.8497
3	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
3	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
3	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4429
3	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0417
3	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1675
4	Ribalt. a z=8.58	NL	SLV	1.0213
4	Ribalt. a z=8.58	NL	SLV	1.1377
4	Ribalt. a z=4.07	NL	SLV	0.8601
4	Ribalt. a z=4.07	NL	SLV	2.3111

4	Ribalt. a z=0.00	NL	SLV	0.8616
4	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0495
4	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8148
4	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4505
4	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0203
4	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1638
5	Ribalt. a z=8.58	NL	SLV	1.0213
5	Ribalt. a z=8.58	NL	SLV	1.1377
5	Ribalt. a z=4.07	NL	SLV	0.8716
5	Ribalt. a z=4.07	NL	SLV	2.3432
5	Ribalt. a z=0.00	NL	SLV	0.8799
5	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1020
5	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.9191
5	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4642
5	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0422
5	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2133
6	Ribalt. a z=8.58	NL	SLV	1.0213
6	Ribalt. a z=8.58	NL	SLV	1.1377
6	Ribalt. a z=4.07	NL	SLV	0.8858
6	Ribalt. a z=4.07	NL	SLV	2.3832
6	Ribalt. a z=0.00	NL	SLV	0.8865
6	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1509
6	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0367
6	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4682
6	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0534
6	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2759
20	Ribalt. a z=8.58	NL	SLV	0.7859
20	Ribalt. a z=8.58	NL	SLV	0.8806
20	Ribalt. a z=4.07	NL	SLV	0.6470
20	Ribalt. a z=4.07	NL	SLV	1.7413
20	Ribalt. a z=0.00	NL	SLV	0.6217
20	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.0144
22	Ribalt. a z=8.58	NL	SLV	0.9362
22	Ribalt. a z=8.58	NL	SLV	1.0429
22	Ribalt. a z=4.07	NL	SLV	0.8440
22	Ribalt. a z=4.07	NL	SLV	2.2607
22	Ribalt. a z=0.00	NL	SLV	0.8605
22	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
22	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
22	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4520
22	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0513
22	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1691
23	Ribalt. a z=8.58	NL	SLV	0.9362
23	Ribalt. a z=8.58	NL	SLV	1.0429
23	Ribalt. a z=4.07	NL	SLV	0.8440
23	Ribalt. a z=4.07	NL	SLV	2.2607
23	Ribalt. a z=0.00	NL	SLV	0.8466
23	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
23	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
23	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4378
23	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0502
23	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1337
24	Ribalt. a z=8.58	NL	SLV	0.8511
24	Ribalt. a z=8.58	NL	SLV	0.9481
24	Ribalt. a z=4.07	NL	SLV	0.8312
24	Ribalt. a z=4.07	NL	SLV	2.2196
24	Ribalt. a z=0.00	NL	SLV	0.8185
24	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0840
24	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8868
24	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4093
24	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0692
24	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0849
25	Ribalt. a z=8.58	NL	SLV	0.9362
25	Ribalt. a z=8.58	NL	SLV	1.0429
25	Ribalt. a z=4.07	NL	SLV	0.8440
25	Ribalt. a z=4.07	NL	SLV	2.2607
25	Ribalt. a z=0.00	NL	SLV	0.8307
25	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
25	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8501
25	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4191
25	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0493
25	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0849
26	Ribalt. a z=8.58	NL	SLV	0.8511
26	Ribalt. a z=8.58	NL	SLV	0.9481
26	Ribalt. a z=4.07	NL	SLV	0.8312
26	Ribalt. a z=4.07	NL	SLV	2.2196
26	Ribalt. a z=0.00	NL	SLV	0.8185
26	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0840
26	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8867

26	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4093
26	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0692
26	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0850
27	Ribalt. a z=8.58	NL	SLV	0.9508
27	Ribalt. a z=8.58	NL	SLV	1.0627
27	Ribalt. a z=4.07	NL	SLV	0.9031
27	Ribalt. a z=4.07	NL	SLV	2.4149
27	Ribalt. a z=0.00	NL	SLV	0.8720
27	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0869
27	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8694
27	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4520
27	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0546
27	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1861
28	Ribalt. a z=8.58	NL	SLV	0.9537
28	Ribalt. a z=8.58	NL	SLV	1.0668
28	Ribalt. a z=4.07	NL	SLV	0.8452
28	Ribalt. a z=4.07	NL	SLV	2.2667
28	Ribalt. a z=0.00	NL	SLV	0.8656
28	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0657
28	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8284
28	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4613
28	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0488
28	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2204
29	Ribalt. a z=4.07	NL	SLV	0.9336
29	Ribalt. a z=4.07	NL	SLV	2.2761
29	Ribalt. a z=0.00	NL	SLV	0.9260
29	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1690
30	Ribalt. a z=8.58	NL	SLV	0.9565
30	Ribalt. a z=8.58	NL	SLV	1.0706
30	Ribalt. a z=4.07	NL	SLV	0.8454
30	Ribalt. a z=4.07	NL	SLV	2.2677
30	Ribalt. a z=0.00	NL	SLV	0.8638
30	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0652
30	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8247
30	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4608
30	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0482
30	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2244
31	Ribalt. a z=8.58	NL	SLV	0.9537
31	Ribalt. a z=8.58	NL	SLV	1.0668
31	Ribalt. a z=4.07	NL	SLV	0.8452
31	Ribalt. a z=4.07	NL	SLV	2.2667
31	Ribalt. a z=0.00	NL	SLV	0.8649
31	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0657
31	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.8284
31	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4607
31	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0487
31	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2191
32	Ribalt. a z=8.58	NL	SLV	0.9995
32	Ribalt. a z=8.58	NL	SLV	1.2157
32	Ribalt. a z=4.07	NL	SLV	0.8728
32	Ribalt. a z=4.07	NL	SLV	2.5076
32	Ribalt. a z=0.00	NL	SLV	0.8465
32	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0747
32	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.9948
32	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.3803
32	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.3840
33	Ribalt. a z=8.58	NL	SLV	0.9995
33	Ribalt. a z=8.58	NL	SLV	1.2157
33	Ribalt. a z=4.07	NL	SLV	0.8728
33	Ribalt. a z=4.07	NL	SLV	2.5076
33	Ribalt. a z=0.00	NL	SLV	0.8516
33	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0747
33	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.9948
33	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.3860
33	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.3900
41	Ribalt. a z=8.58	NL	SLV	0.7112
41	Ribalt. a z=8.58	NL	SLV	0.8607
41	Ribalt. a z=4.07	NL	SLV	0.5819
41	Ribalt. a z=4.07	NL	SLV	1.6725
41	Ribalt. a z=0.00	NL	SLV	0.5016
41	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.5036
41	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.4344
41	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	0.6831
41	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	0.4353
41	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	0.6067
57	Ribalt. a z=8.58	NL	SLV	0.9571
57	Ribalt. a z=8.58	NL	SLV	1.1525
57	Ribalt. a z=4.07	NL	SLV	0.8454
57	Ribalt. a z=4.07	NL	SLV	2.4190

57	Ribalt. a z=0.00	NL	SLV	0.8661
57	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0651
57	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.9171
57	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4628
57	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0483
57	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2304
58	Ribalt. a z=8.58	NL	SLV	0.9571
58	Ribalt. a z=8.58	NL	SLV	1.1525
58	Ribalt. a z=4.07	NL	SLV	0.8454
58	Ribalt. a z=4.07	NL	SLV	2.4190
58	Ribalt. a z=0.00	NL	SLV	0.8661
58	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0651
58	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	0.9171
58	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4628
58	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0483
58	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2304
59	Ribalt. a z=8.58	NL	SLV	0.9362
59	Ribalt. a z=8.58	NL	SLV	1.1222
59	Ribalt. a z=4.07	NL	SLV	0.8515
59	Ribalt. a z=4.07	NL	SLV	2.4339
59	Ribalt. a z=0.00	NL	SLV	0.8411
59	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1001
59	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0095
59	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4286
59	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0571
59	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1291
60	Ribalt. a z=8.58	NL	SLV	0.9362
60	Ribalt. a z=8.58	NL	SLV	1.1222
60	Ribalt. a z=4.07	NL	SLV	0.8716
60	Ribalt. a z=4.07	NL	SLV	2.4946
60	Ribalt. a z=0.00	NL	SLV	0.8694
60	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1676
60	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1704
60	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4558
60	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0726
60	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2582

Verifiche maschi murari

Simbologia

Xg	= Coord. X del baricentro al piede
Yg	= Coord. Y del baricentro al piede
L	= Lunghezza
Zi	= Coordinata Z iniziale
Zf	= Coordinata Z finale
Spess.	= Spessore
h	= Altezza
d ₁	= Eccentricità della muratura soprastante
S _{sx}	= Numero del solaio a sinistra
d ₂	= Eccentricità di appoggio del solaio
S _{dx}	= Numero del solaio a destra
e _a	= Eccentricità per tolleranze di esecuzione
a	= Interasse irrigidimenti
ρ	= Fattore laterale di vincolo
λ	= Snellezza convenzionale
F _k	= Resistenza caratteristica della muratura
F _{d SLU}	= Resistenza a compressione della muratura per verifiche per carichi statici
F _{d SLV}	= Resistenza a compressione della muratura per verifiche per azioni sismiche
F _{VK0}	= Resistenza caratteristica a taglio della muratura
F _{td SLU}	= Resistenza a taglio diagonale della muratura per verifiche per carichi statici
F _{td SLV}	= Resistenza a taglio diagonale della muratura per verifiche per azioni sismiche
CC	= Numero della combinazione delle condizioni di carico elementari
N ₁	= Carico trasmesso dal pannello sovrastante
e _{s1}	= Eccentricità convenzionale della muratura soprastante
ΣN _{2sx}	= Reazione totale dei solai a sinistra
ΣN _{2dx}	= Reazione totale dei solai a destra
e _{s2}	= Eccentricità convenzionale della reazione d'appoggio dei solai
e ₁	= Eccentricità per sezioni di estremità
Zv	= Coordinata Z di verifica
N	= Sforzo normale
M _v	= Momento flettente dovuto al vento o al sisma
e _v	= Eccentricità dovuta al vento o al sisma
e ₂	= Eccentricità per sezione di massimo M _v
e	= Eccentricità di calcolo
m	= Coefficiente di eccentricità
Φ _t	= Coefficiente di riduzione della resistenza per eccentricità trasversale
Nu	= Sforzo normale ultimo
Mu	= Momento ultimo
V _{Ed}	= Taglio agente

- Vu

= Taglio ultimo

Num.

= Numero elemento (maschio/architrave/parete in muratura armata)

Comm.

= Commento

An.

= Tipo di analisi

L = Lineare

NL = Non lineare

TCC

= Tipo di combinazione di carico

SLU = Stato limite ultimo

SLU S = Stato limite ultimo (azione sismica)

SLE R = Stato limite d'esercizio, combinazione rara

SLE F = Stato limite d'esercizio, combinazione frequente

SLE Q = Stato limite d'esercizio, combinazione quasi permanente

SLD = Stato limite di danno

SLV = Stato limite di salvaguardia della vita

SLC = Stato limite di prevenzione del collasso

SLO = Stato limite di operatività

SLU I = Stato limite di resistenza al fuoco

α (A_g)

= Indicatore di rischio in termini di accelerazione

δ

= Spostamento relativo

δ/h

= Rapporto (moltiplicato per 1000) tra lo spostamento relativo e l'altezza

Sic.

= Sicurezza

Maschio in muratura ordinaria n. 1

Xg=1.62 <m> Yg=0.33 <m> L=3.24 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.03			100	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							114	0.18										
4.07	8.58	0.60	4.21	-0.03			200	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.52				401	0.15	0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
							300	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
<kN>	<m>	<kN>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-613.19	-20.38	---	---	---	---	---	-2808.00	148.09
							2.04	-677.99	-9.36	---	---	---	---	---	-2808.00	157.75
							4.07	-454.97	-4.15	---	---	---	---	---	-2808.00	119.68
3							0.00	-457.26	-13.91	---	---	---	---	---	-2808.00	120.14
							2.04	-511.94	-7.25	---	---	---	---	---	-2808.00	130.69
							4.07	-348.28	-2.99	---	---	---	---	---	-2808.00	96.67
5							0.00	-739.25	-23.55	---	---	---	---	---	-2808.00	165.84
							2.04	-806.47	-10.95	---	---	---	---	---	-2808.00	173.54
							4.07	-540.00	-3.72	---	---	---	---	---	-2808.00	135.79
7							0.00	-691.36	-19.78	---	---	---	---	---	-2808.00	159.61
							2.04	-750.54	-10.21	---	---	---	---	---	-2808.00	167.22
							4.07	-506.19	-2.19	---	---	---	---	---	-2808.00	129.62
9	-442.88	-0.02	0.00	52.77	0.02	0.02	0.00	-619.72	-15.76	0.03	0.04	0.04	0.34	0.77	-1450.28	122.97
							2.04	-690.75	-11.53	---	---	0.02	0.18	0.86	-1603.96	127.04
							4.07	-483.61	0.02	---	---	0.02	0.21	0.84	-1577.56	109.40
10	-442.42	-0.02	0.00	52.77	0.02	0.02	0.00	-624.70	-16.38	0.03	0.04	0.04	0.34	0.77	-1443.34	123.32
							2.04	-697.52	-11.56	---	---	0.02	0.18	0.86	-1603.96	127.32
							4.07	-487.26	0.30	---	---	0.02	0.21	0.84	-1577.74	109.87
11	-437.17	-0.02	0.00	52.77	0.02	0.02	0.00	-612.44	-16.67	0.03	0.04	0.04	0.35	0.77	-1435.42	122.43
							2.04	-684.27	-11.59	---	---	0.02	0.18	0.86	-1603.96	126.75
							4.07	-479.63	0.23	---	---	0.02	0.20	0.84	-1579.84	108.89
12	-448.12	-0.02	0.00	52.77	0.02	0.02	0.00	-631.97	-15.46	0.02	0.04	0.04	0.33	0.78	-1457.81	123.82
							2.04	-704.00	-11.51	---	---	0.02	0.18	0.86	-1603.96	127.57
							4.07	-491.24	0.09	---	---	0.02	0.21	0.84	-1575.50	110.36
1							4.07	-399.63	-5.28	---	---	---	---	---	-2592.00	98.14
							6.33	-329.60	-9.80	---	---	---	---	---	-2592.00	84.09
							8.58	-204.31	-6.29	---	---	---	---	---	-2592.00	55.61
3							4.07	-304.27	-3.58	---	---	---	---	---	-2592.00	78.68
							6.33	-262.70	-7.54	---	---	---	---	---	-2592.00	69.41
							8.58	-170.21	-4.92	---	---	---	---	---	-2592.00	47.12
5							4.07	-490.34	-4.74	---	---	---	---	---	-2592.00	114.36
							6.33	-368.80	-6.67	---	---	---	---	---	-2592.00	92.12
							8.58	-223.12	-4.24	---	---	---	---	---	-2592.00	60.16
7							4.07	-472.73	-2.59	---	---	---	---	---	-2592.00	111.39
							6.33	-335.50	-1.74	---	---	---	---	---	-2592.00	85.32
							8.58	-205.13	-1.12	---	---	---	---	---	-2592.00	55.81
9	-200.78	-0.03	0.00	0.00	0.00	0.05	4.07	-442.88	0.76	---	---	0.02	0.21	0.82	-1413.28	92.80
							6.33	-338.89	-3.49	0.01	0.03	0.03	0.33	0.76	-1304.74	78.21
							8.58	-224.68	-0.05	---	---	0.05	0.46	0.69	-1192.13	57.09
10	-200.85	-0.03	0.00	0.00	0.00	0.05	4.07	-442.42	1.08	---	---	0.02	0.21	0.82	-1413.28	92.75
							6.33	-343.17	-2.92	0.01	0.03	0.03	0.32	0.76	-1320.44	78.90

							8.58	-226.78	0.34	---	---	0.05	0.46	0.69	-1192.13	57.53
11	-199.61	-0.03	0.00	0.00	0.00	0.05	4.07	-437.17	0.99	---	---	0.02	0.21	0.82	-1413.28	92.12
							6.33	-338.02	-3.17	0.01	0.03	0.03	0.32	0.76	-1312.77	78.07
							8.58	-224.31	0.06	---	---	0.05	0.46	0.69	-1192.13	57.02
12	-202.03	-0.03	0.00	0.00	0.00	0.05	4.07	-448.12	0.85	---	---	0.02	0.21	0.82	-1413.28	93.42
							6.33	-344.05	-3.24	0.01	0.03	0.03	0.32	0.76	-1312.51	79.04
							8.58	-227.14	0.23	---	---	0.05	0.46	0.69	-1192.13	57.60
1							8.58	-163.48	-7.74	---	---	---	---	---	-2376.00	41.32
							10.46	-106.78	-10.01	---	---	---	---	---	-2376.00	27.81
3							8.58	-139.96	-6.41	---	---	---	---	---	-2376.00	35.82
							10.46	-95.00	-7.42	---	---	---	---	---	-2376.00	24.90
5							8.58	-184.83	-4.78	---	---	---	---	---	-2376.00	46.18
							10.46	-116.62	-7.72	---	---	---	---	---	-2376.00	30.22
7							8.58	-179.60	-0.91	---	---	---	---	---	-2376.00	45.00
							10.46	-113.28	-3.18	---	---	---	---	---	-2376.00	29.40
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-200.78	0.53	---	---	0.02	0.19	0.84	-1331.25	46.98
							10.46	-139.24	-4.86	0.03	0.04	0.04	0.48	0.69	-1099.20	34.33
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-200.85	0.93	---	---	0.02	0.19	0.84	-1331.25	47.00
							10.46	-139.44	-4.39	0.03	0.04	0.04	0.44	0.71	-1129.56	34.38
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-199.61	0.70	---	---	0.02	0.19	0.84	-1331.25	46.75
							10.46	-138.77	-4.60	0.03	0.04	0.04	0.46	0.70	-1115.04	34.23
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-202.03	0.76	---	---	0.02	0.19	0.84	-1331.25	47.22
							10.46	-139.92	-4.66	0.03	0.04	0.04	0.46	0.70	-1113.74	34.48

Verifiche per azioni nel piano

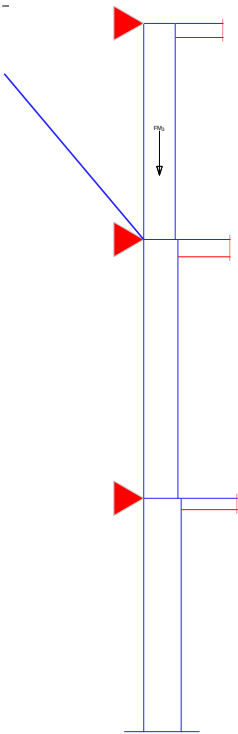
CC	Zv <m>	N <kN>	M _x <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-613.19	0.00	738.16	89.98	204.70
1	2.04	-677.99	0.00	786.35	134.61	213.98
1	4.07	-454.97	0.00	596.55	80.62	180.04
3	0.00	-457.26	0.00	598.84	57.49	180.42
3	2.04	-511.94	0.00	651.45	99.99	189.29
3	4.07	-348.28	-0.00	481.88	48.05	161.29
5	0.00	-739.25	0.00	826.66	76.29	222.40
5	2.04	-806.47	0.00	865.04	92.89	231.28
5	4.07	-540.00	0.00	676.88	73.59	193.68
7	0.00	-691.36	-0.00	795.59	32.05	215.85
7	2.04	-750.54	0.00	833.54	22.50	223.92
7	4.07	-506.19	0.00	646.12	34.98	188.38
9	0.00	-619.72	-0.00	612.94	5.75	164.49
9	2.04	-690.75	-0.00	633.25	8.04	172.90
9	4.07	-483.61	-0.00	545.33	4.05	147.02
10	0.00	-624.70	0.00	614.70	5.75	165.09
10	2.04	-697.52	0.00	634.64	8.04	173.68
10	4.07	-487.26	0.00	547.64	4.05	147.51
11	0.00	-612.44	-0.00	610.28	3.25	163.60
11	2.04	-684.27	-0.00	631.82	3.72	172.15
11	4.07	-479.63	-0.00	542.79	3.07	146.47
12	0.00	-631.97	0.00	617.18	3.25	165.97
12	2.04	-704.00	0.00	635.89	3.72	174.43
12	4.07	-491.24	0.00	550.13	3.07	148.05
1	4.07	-399.63	0.00	529.97	90.22	149.62
1	6.33	-329.60	0.00	454.07	95.28	138.24
1	8.58	-204.31	0.00	300.29	39.33	115.11
3	4.07	-304.27	-0.00	424.85	62.66	133.89
3	6.33	-262.70	0.00	374.83	68.01	126.42
3	8.58	-170.21	0.00	254.44	17.50	107.96
5	4.07	-490.34	0.00	617.56	68.87	163.19
5	6.33	-368.80	0.00	497.44	69.96	144.72
5	8.58	-223.12	0.00	324.84	44.91	118.87
7	4.07	-472.73	0.00	601.50	23.01	160.64
7	6.33	-335.50	0.00	460.75	20.97	139.24
7	8.58	-205.13	0.00	301.37	27.86	115.28
9	4.07	-442.88	0.00	501.13	4.26	124.31
9	6.33	-338.89	-0.00	422.33	3.88	110.50
9	8.58	-224.68	0.00	308.30	1.21	92.99
10	4.07	-442.42	-0.00	500.83	4.26	124.25
10	6.33	-343.17	0.00	426.05	3.88	111.10
10	8.58	-226.78	0.00	310.66	1.21	93.35
11	4.07	-437.17	-0.00	497.42	2.74	123.59
11	6.33	-338.02	-0.00	421.57	2.82	110.37
11	8.58	-224.31	-0.00	307.89	1.79	92.93
12	4.07	-448.12	0.00	504.47	2.74	124.96
12	6.33	-344.05	0.00	426.80	2.82	111.22
12	8.58	-227.14	0.00	311.06	1.79	93.41
1	8.58	-163.48	0.00	243.40	38.95	120.28
1	10.46	-106.78	0.00	163.83	35.98	104.83
3	8.58	-139.96	-0.00	211.01	24.69	114.12

3	10.46	-95.00	-0.00	146.66	26.30	101.33
5	8.58	-184.83	0.00	272.02	33.31	125.61
5	10.46	-116.62	0.00	178.01	25.49	107.67
7	8.58	-179.60	0.00	265.08	14.22	124.32
7	10.46	-113.28	0.00	173.22	6.80	106.72
9	8.58	-200.78	-0.00	276.76	1.37	100.91
9	10.46	-139.24	-0.00	202.25	1.20	87.56
10	8.58	-200.85	0.00	276.84	1.37	100.93
10	10.46	-139.44	0.00	202.50	1.20	87.61
11	8.58	-199.61	-0.00	275.43	1.27	100.67
11	10.46	-138.77	-0.00	201.64	1.02	87.45
12	8.58	-202.03	0.00	278.17	1.27	101.16
12	10.46	-139.92	0.00	203.11	1.02	87.72

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.51	1.32	2.27	0.00	4.07	4	SLD	0.30	0.77	3.89	0.00	4.07	6	SLD	0.74	1.91	1.57
0.00	4.07	8	SLD	0.63	1.62	1.85	4.07	8.58	2	SLD	0.50	1.20	2.51	4.07	8.58	4	SLD	0.28	0.67	4.49
4.07	8.58	6	SLD	0.81	1.92	1.57	4.07	8.58	8	SLD	0.70	1.66	1.80	8.58	12.35	2	SLD	0.36	1.03	2.92
8.58	12.35	4	SLD	0.23	0.65	4.63	8.58	12.35	6	SLD	0.61	1.74	1.72	8.58	12.35	8	SLD	0.55	1.55	1.93

Verifiche cinematici
Ribalt. a z=8.58

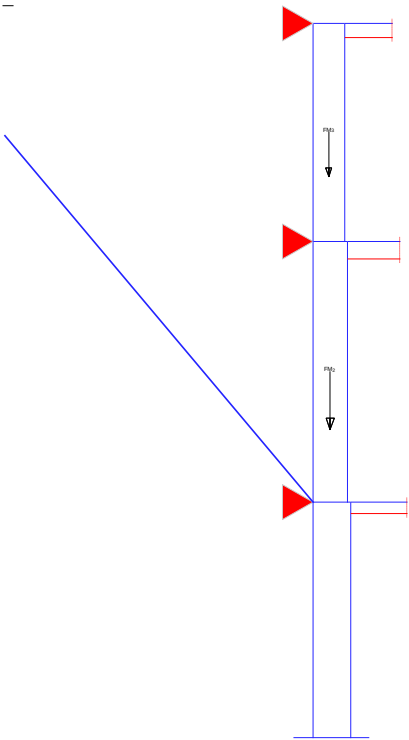


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo $M^*=14381.30$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_v^*=110.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

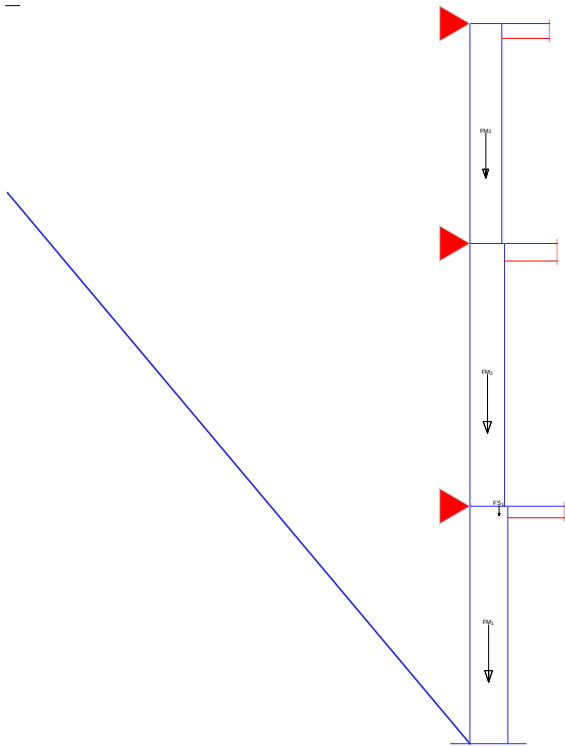


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo $M^*=26381.90$ <kg>
Frazione di massa partecipante $e^*=0.80$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=145.33$ <mm>
Domanda di spostamento [C8A.4.11]=172.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

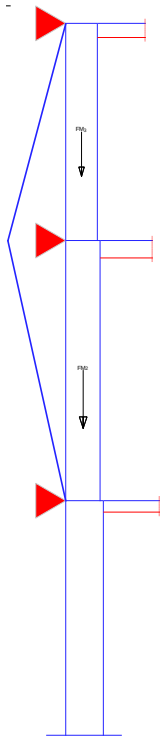


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		180.00	0.00	2.04	Peso maschio piano 1
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3
FS ₁		28.67	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^{*}=41386.80 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=164.60 <mm>
Domanda di spostamento [C8A.4.11]=191.28 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8605

Fless. a z= 8.58 da z= 4.07 a z=12.35

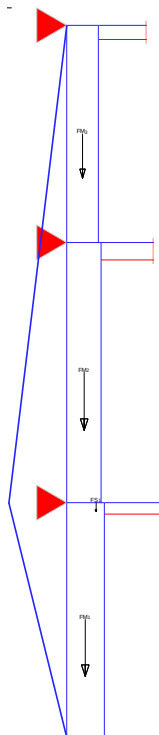


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^{*}=33149.60 <kg>
 Frazione di massa partecipante e^{*}=1.00
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=72.85 <mm>
 Domanda di spostamento [C8A.4.11]=68.24 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
 Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a $z = 4.07$ da $z = 0.00$ a $z = 12.35$



Elenco forze agenti

N	F _x	F _z	X _g	Z _g	Commento
FM ₁		180.00	0.00	2.04	Peso maschio piano 1
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3
FS ₁		28.67	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^* = 46316.20$ <kg>

Frazione di massa partecipante $e^* = 0.85$

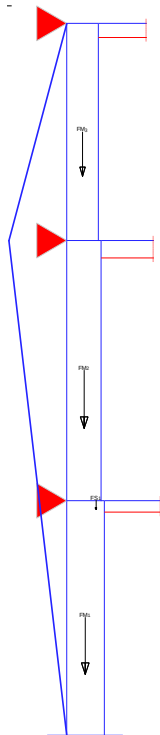
Analisi cinematica non lineare

Capacità di spostamento ultimo $d_u^* = 111.38$ <mm>

Domanda di spostamento [C8A.4.11] = 76.71 <mm>

Indicatore di rischio in termini di accelerazione α (A_g) = 1.4520

Fless. a z= 8.58 da z= 0.00 a z=12.35

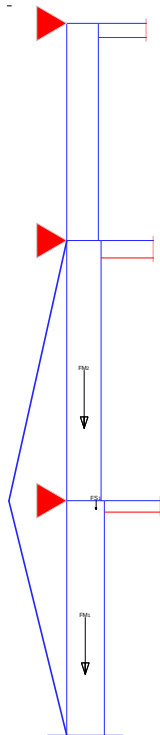


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		180.00	0.00	2.04	Peso maschio piano 1
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FM ₃		141.08	-0.05	10.46	Peso maschio piano 3
FS ₁		28.67	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematisimo $M^*=46261.90$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=113.89$ <mm>
Domanda di spostamento [C8A.4.11]=108.33 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0513

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		180.00	0.00	2.04	Peso maschio piano 1
FM ₂		184.12	-0.03	6.33	Peso maschio piano 2
FS ₁		28.67	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=37816.90$ <kg>
 Frazione di massa partecipante $e^*=0.94$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=80.92$ <mm>
 Domanda di spostamento [C8A.4.11]=69.21 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1691

Maschio in muratura ordinaria n. 2

$X_g=6.05$ <m> $Y_g=0.33$ <m> $L=3.06$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.03			100	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							114	0.18										
							102	0.18										
							115	0.18										
4.07	8.58	0.60	4.21	-0.03			200	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
							201	0.17										
8.58	12.35	0.55	3.52				401	0.15	0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
							300	0.15										
							404	0.15										
							301	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-616.72	-22.98	---	---	---	---	---	-2656.33	145.69
							2.04	-752.68	-7.83	---	---	---	---	---	-2656.33	163.07
							4.07	-484.16	-4.10	---	---	---	---	---	-2656.33	123.61
3							0.00	-445.70	-2.81	---	---	---	---	---	-2656.33	116.26
							2.04	-597.55	-6.28	---	---	---	---	---	-2656.33	142.81
							4.07	-373.75	-1.46	---	---	---	---	---	-2656.33	101.36
5							0.00	-790.36	-43.47	---	---	---	---	---	-2656.33	166.95
							2.04	-888.12	-8.57	---	---	---	---	---	-2656.33	175.10
							4.07	-587.19	-6.06	---	---	---	---	---	-2656.33	141.21
7							0.00	-768.19	-40.86	---	---	---	---	---	-2656.33	164.72
							2.04	-849.08	-7.66	---	---	---	---	---	-2656.33	172.18
							4.07	-565.10	-5.10	---	---	---	---	---	-2656.33	137.69

9	-487.13	-0.02	0.00	55.05	0.02	0.02	0.00	-685.52	-15.79	0.02	0.03	0.03	0.32	0.78	-1387.75	121.33
							2.04	-857.43	-9.85	---	---	0.02	0.18	0.86	-1517.33	119.93
							4.07	-562.37	0.69	---	---	0.02	0.22	0.84	-1483.73	114.49
10	-486.85	-0.02	0.00	55.05	0.02	0.02	0.00	-687.48	-15.82	0.02	0.03	0.03	0.32	0.78	-1388.01	121.39
							2.04	-863.10	-9.89	---	---	0.02	0.18	0.86	-1517.33	119.67
							4.07	-565.62	0.72	---	---	0.02	0.22	0.84	-1483.82	114.75
11	-479.89	-0.02	0.00	55.05	0.02	0.02	0.00	-674.17	-17.43	0.03	0.04	0.04	0.35	0.77	-1365.15	120.97
							2.04	-849.58	-9.86	---	---	0.02	0.18	0.86	-1517.33	120.27
							4.07	-556.78	0.72	---	---	0.02	0.21	0.84	-1486.13	114.02
12	-494.09	-0.02	0.00	55.05	0.02	0.02	0.00	-698.83	-14.18	0.02	0.03	0.03	0.30	0.80	-1409.79	121.68
							2.04	-870.95	-9.88	---	---	0.02	0.18	0.86	-1517.33	119.28
							4.07	-571.22	0.69	---	---	0.02	0.22	0.84	-1481.48	115.20
1							4.07	-415.10	-9.40	---	---	---	---	---	-2452.00	99.73
							6.33	-392.55	6.51	---	---	---	---	---	-2452.00	95.58
							8.58	-244.76	5.10	---	---	---	---	---	-2452.00	64.81
3							4.07	-302.49	-2.62	---	---	---	---	---	-2452.00	77.58
							6.33	-325.76	1.72	---	---	---	---	---	-2452.00	82.45
							8.58	-192.03	3.57	---	---	---	---	---	-2452.00	52.30
5							4.07	-534.30	-15.53	---	---	---	---	---	-2452.00	119.20
							6.33	-450.58	9.84	---	---	---	---	---	-2452.00	105.95
							8.58	-289.73	4.85	---	---	---	---	---	-2452.00	74.84
7							4.07	-523.86	-14.01	---	---	---	---	---	-2452.00	117.66
							6.33	-433.54	7.91	---	---	---	---	---	-2452.00	103.01
							8.58	-275.55	3.11	---	---	---	---	---	-2452.00	71.74
9	-239.03	-0.03	0.00	0.00	0.00	0.05	4.07	-487.13	-1.05	---	---	0.02	0.21	0.82	-1336.95	94.90
							6.33	-477.36	-0.44	---	---	0.02	0.23	0.81	-1320.42	94.01
							8.58	-288.13	2.59	-0.01	0.03	0.03	0.32	0.76	-1245.13	68.51
10	-239.69	-0.03	0.00	0.00	0.00	0.05	4.07	-486.85	-1.01	---	---	0.02	0.21	0.82	-1336.95	94.88
							6.33	-479.65	-0.20	---	---	0.02	0.23	0.81	-1320.42	94.22
							8.58	-290.20	2.81	-0.01	0.03	0.03	0.33	0.76	-1239.46	68.88
11	-236.58	-0.03	0.00	0.00	0.00	0.05	4.07	-479.89	-1.19	---	---	0.02	0.21	0.82	-1336.95	94.24
							6.33	-474.44	0.02	---	---	0.02	0.23	0.81	-1320.42	93.73
							8.58	-286.08	2.67	-0.01	0.03	0.03	0.32	0.76	-1242.44	68.15
12	-242.15	-0.03	0.00	0.00	0.00	0.05	4.07	-494.09	-0.87	---	---	0.02	0.21	0.82	-1336.95	95.52
							6.33	-482.57	-0.66	---	---	0.02	0.23	0.81	-1320.42	94.49
							8.58	-292.24	2.73	-0.01	0.03	0.03	0.32	0.76	-1242.13	69.23
1							8.58	-193.47	-4.22	---	---	---	---	---	-2247.67	47.82
							10.46	-141.68	-8.62	---	---	---	---	---	-2247.67	36.07
3							8.58	-144.01	-0.67	---	---	---	---	---	-2247.67	36.62
							10.46	-134.35	-2.23	---	---	---	---	---	-2247.67	34.35
5							8.58	-243.55	-7.09	---	---	---	---	---	-2247.67	58.44
							10.46	-145.38	-13.85	---	---	---	---	---	-2247.67	36.94
7							8.58	-237.01	-6.01	---	---	---	---	---	-2247.67	57.09
							10.46	-141.23	-11.96	---	---	---	---	---	-2247.67	35.97
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-239.03	1.54	---	---	0.02	0.19	0.84	-1259.35	53.40
							10.46	-204.63	-5.68	0.03	0.04	0.04	0.40	0.73	-1099.78	47.23
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-239.69	1.67	---	---	0.02	0.19	0.84	-1259.35	53.51
							10.46	-205.34	-5.47	0.03	0.04	0.04	0.39	0.74	-1109.30	47.36
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-236.58	1.43	---	---	0.02	0.19	0.84	-1259.35	52.97
							10.46	-204.40	-5.29	0.03	0.03	0.03	0.38	0.74	-1115.58	47.19
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-242.15	1.78	---	---	0.02	0.19	0.84	-1259.35	53.93
							10.46	-205.57	-5.86	0.03	0.04	0.04	0.41	0.73	-1093.58	47.41

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-616.72	60.04	686.97	132.83	188.19
1	2.04	-752.68	24.15	768.96	232.55	205.72
1	4.07	-484.16	3.10	582.87	85.24	169.38
3	0.00	-445.70	51.23	548.20	118.96	163.51
3	2.04	-597.55	11.35	673.39	209.53	185.59
3	4.07	-373.75	0.17	477.96	69.56	151.93
5	0.00	-790.36	31.38	787.25	60.89	210.32
5	2.04	-888.12	26.65	825.69	104.67	221.80
5	4.07	-587.19	5.37	665.85	49.35	184.17
7	0.00	-768.19	-2.01	776.72	14.64	207.62
7	2.04	-849.08	16.00	811.89	27.95	217.29
7	4.07	-565.10	4.39	649.27	2.91	181.10
9	0.00	-685.52	3.44	572.12	8.26	158.20
9	2.04	-857.43	0.90	565.52	13.58	175.63
9	4.07	-562.37	-0.32	539.85	4.55	144.43
10	0.00	-687.48	-3.44	572.38	8.26	158.41
10	2.04	-863.10	-0.90	564.28	13.58	176.17
10	4.07	-565.62	0.32	541.10	4.55	144.81
11	0.00	-674.17	-0.15	570.43	1.28	156.98
11	2.04	-849.58	0.49	567.13	1.22	174.87
11	4.07	-556.78	-0.30	537.65	1.44	143.77
12	0.00	-698.83	0.15	573.75	1.28	159.62

12	2.04	-870.95	-0.49	562.45	1.22	176.93
12	4.07	-571.22	0.30	543.20	1.44	145.46
1	4.07	-415.10	57.18	509.44	101.32	139.27
1	6.33	-392.55	31.52	488.28	149.44	136.02
1	8.58	-244.76	22.77	331.05	28.34	112.47
3	4.07	-302.49	49.09	396.28	86.25	122.21
3	6.33	-325.76	28.13	421.20	132.04	125.93
3	8.58	-192.03	20.37	267.18	15.97	102.77
5	4.07	-534.30	29.42	608.91	53.26	155.29
5	6.33	-450.58	14.60	541.23	71.22	144.22
5	8.58	-289.73	10.48	382.29	27.26	120.13
7	4.07	-523.86	-2.45	601.03	3.01	153.96
7	6.33	-433.54	-3.29	526.19	13.23	141.86
7	8.58	-275.55	-2.46	366.45	13.96	117.77
9	4.07	-487.13	2.56	484.80	4.92	119.06
9	6.33	-477.36	-1.52	480.22	6.83	117.97
9	8.58	-288.13	-1.15	349.99	0.88	94.45
10	4.07	-486.85	-2.56	484.68	4.92	119.03
10	6.33	-479.65	1.52	481.32	6.83	118.22
10	8.58	-290.20	1.15	351.84	0.88	94.74
11	4.07	-479.89	-0.29	481.43	1.41	118.25
11	6.33	-474.44	0.05	478.81	1.58	117.64
11	8.58	-286.08	0.02	348.15	0.86	94.16
12	4.07	-494.09	0.29	487.94	1.41	119.83
12	6.33	-482.57	-0.05	482.69	1.58	118.55
12	8.58	-292.24	-0.02	353.67	0.86	95.02
1	8.58	-193.47	10.48	266.47	36.30	116.63
1	10.46	-141.68	8.48	201.02	53.67	104.46
3	8.58	-144.01	6.03	204.07	27.69	105.04
3	10.46	-134.35	7.03	191.42	47.71	102.63
5	8.58	-243.55	9.91	325.66	23.94	127.29
5	10.46	-145.38	4.73	205.85	25.14	105.38
7	8.58	-237.01	4.95	318.17	4.74	125.95
7	10.46	-141.23	0.08	200.44	5.28	104.35
9	8.58	-239.03	0.16	297.57	1.22	99.27
9	10.46	-204.63	0.24	263.21	1.92	93.08
10	8.58	-239.69	-0.16	298.20	1.22	99.38
10	10.46	-205.34	-0.24	263.95	1.92	93.21
11	8.58	-236.58	0.06	295.21	0.65	98.84
11	10.46	-204.40	0.09	262.97	0.57	93.04
12	8.58	-242.15	-0.06	300.54	0.65	99.81
12	10.46	-205.57	-0.09	264.19	0.57	93.25

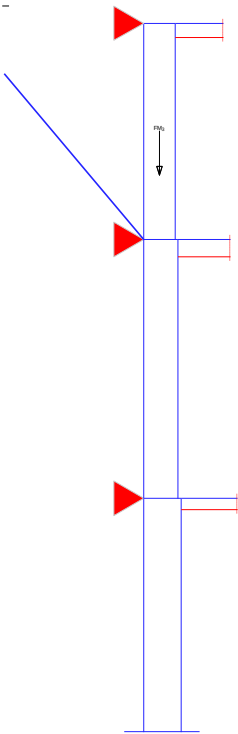
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.48	1.24	2.43
0.00	4.07	8	SLD	0.66	1.71	1.76
4.07	8.58	6	SLD	0.90	2.13	1.41
8.58	12.35	4	SLD	0.24	0.69	4.37

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.26	0.68	4.42
4.07	8.58	2	SLD	0.53	1.25	2.41
4.07	8.58	8	SLD	0.80	1.89	1.59
8.58	12.35	6	SLD	0.66	1.88	1.60

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.76	1.95	1.53
4.07	8.58	4	SLD	0.31	0.72	4.14
8.58	12.35	2	SLD	0.34	0.98	3.07
8.58	12.35	8	SLD	0.61	1.74	1.72

Verifiche cinematicismi
Ribalt. a z=8.58

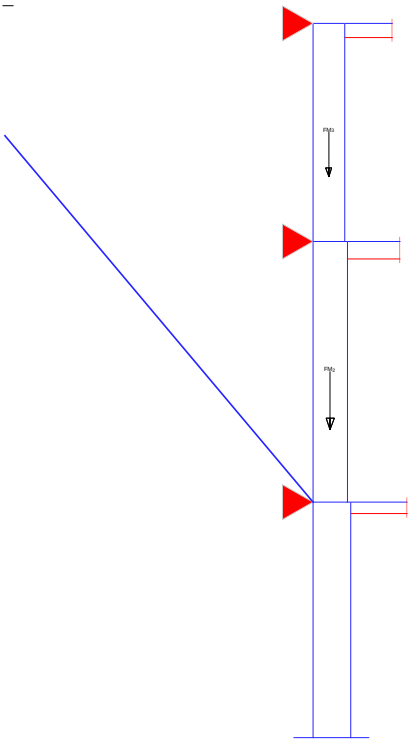


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematicismo M^{*}=13604.60 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_v^{*}=110.00 <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

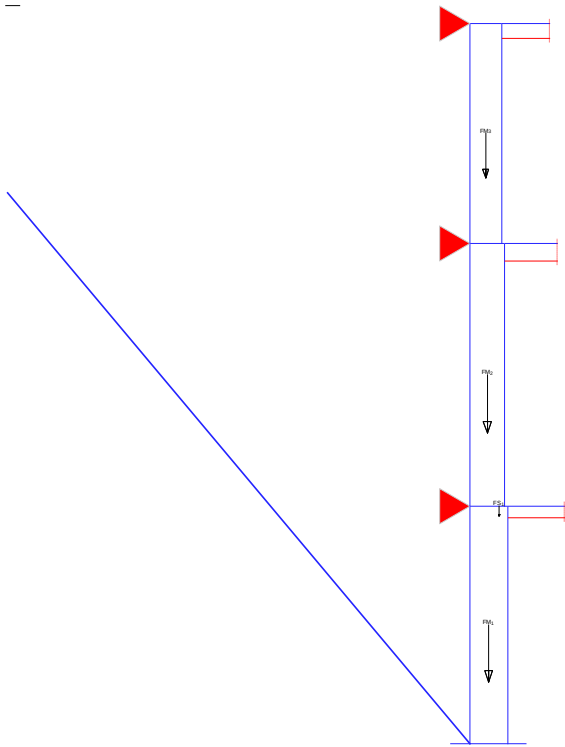


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^{*}=24957.00 <kg>
Frazione di massa partecipante e^{*}=0.80
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=145.33 <mm>
Domanda di spostamento [C8A.4.11]=172.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

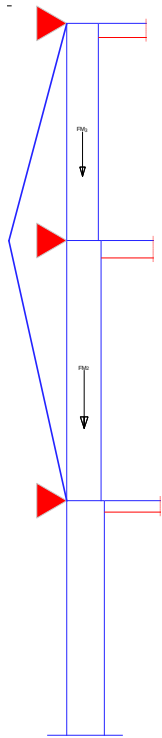


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		170.28	0.00	2.04	Peso maschio piano 1
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3
FS ₁		29.91	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^{*}=39372.50 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=165.14 <mm>
Domanda di spostamento [C8A.4.11]=191.27 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8634

Fless. a z= 8.58 da z= 4.07 a z=12.35

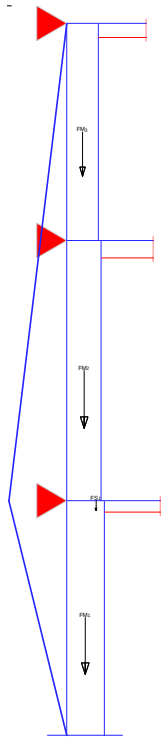


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^{*}=31359.10 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=72.85 <mm>
Domanda di spostamento [C8A.4.11]=68.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a z= 4.07 da z= 0.00 a z=12.35

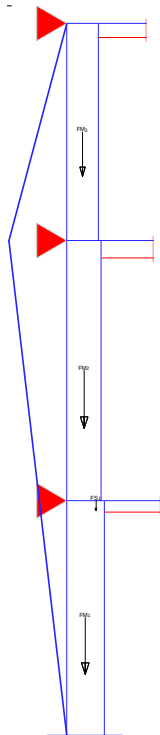


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		170.28	0.00	2.04	Peso maschio piano 1
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3
FS ₁		29.91	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=43999.40$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.29$ <mm>
Domanda di spostamento [C8A.4.11]=77.21 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4543

Fless. a z= 8.58 da z= 0.00 a z=12.35

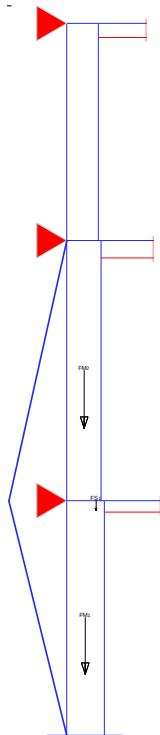


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		170.28	0.00	2.04	Peso maschio piano 1
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FM ₃		133.46	-0.05	10.46	Peso maschio piano 3
FS ₁		29.91	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^{*}=44038.10 <kg>
Frazione di massa partecipante e^{*}=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=114.13 <mm>
Domanda di spostamento [C8A.4.11]=108.53 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0515

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		170.28	0.00	2.04	Peso maschio piano 1
FM ₂		174.17	-0.03	6.33	Peso maschio piano 2
FS ₁		29.91	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematisimo $M^*=35898.00$ <kg>
 Frazione di massa partecipante $e^*=0.94$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=82.15$ <mm>
 Domanda di spostamento [C8A.4.11]=69.87 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1757

Maschio in muratura ordinaria n. 3

$X_g=10.24$ <m> $Y_g=0.33$ <m> $L=2.77$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.97	-0.03			102	0.18	0.02	0.00	1.00	6.11	3200.00	888.89	1333.33	65.00	27.08	40.63
							115	0.18										
					125	-0.18	102	0.18										
					125	0.00	107	0.00										
4.07	8.58	0.60	4.21	-0.03			201	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.52				404	0.15	0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
							301	0.15										
							406	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	$\Sigma N2_{sx}$	$\Sigma N2_{dx}$	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-646.91	10.47	---	---	---	---	---	-2398.07	143.52
							2.04	-596.66	-5.12	---	---	---	---	---	-2398.07	137.15
							4.07	-463.05	-7.11	---	---	---	---	---	-2398.07	116.30
3							0.00	-500.32	-0.95	---	---	---	---	---	-2398.07	122.69
							2.04	-471.50	-2.88	---	---	---	---	---	-2398.07	117.79
							4.07	-372.89	-0.92	---	---	---	---	---	-2398.07	99.02
5							0.00	-772.75	21.14	---	---	---	---	---	-2398.07	155.93
							2.04	-729.96	-6.93	---	---	---	---	---	-2398.07	152.28
							4.07	-539.64	-12.58	---	---	---	---	---	-2398.07	128.95
7							0.00	-734.01	18.86	---	---	---	---	---	-2398.07	152.65
							2.04	-719.04	-6.22	---	---	---	---	---	-2398.07	151.25
							4.07	-515.14	-11.06	---	---	---	---	---	-2398.07	125.11
9	-430.64	-0.02	18.92	37.81	0.01	0.03	0.00	-721.38	-0.90	---	---	0.02	0.18	0.85	-1360.76	109.99

							2.04	-734.60	-5.69	0.01	0.02	0.02	0.22	0.83	-1328.88	109.68
							4.07	-543.38	0.02	---	---	0.03	0.30	0.79	-1263.81	105.98
10	-438.66	-0.02	18.92	37.81	0.01	0.03	0.00	-713.35	-1.12	---	---	0.02	0.18	0.85	-1360.76	110.14
							2.04	-733.82	-5.84	0.01	0.02	0.02	0.22	0.83	-1326.54	109.70
							4.07	-547.90	-0.11	---	---	0.03	0.30	0.79	-1262.30	106.27
11	-428.85	-0.02	18.92	37.81	0.01	0.03	0.00	-705.23	-2.08	---	---	0.02	0.18	0.85	-1360.76	110.25
							2.04	-724.25	-5.82	0.01	0.02	0.02	0.22	0.83	-1326.82	109.93
							4.07	-539.01	-0.32	---	---	0.03	0.30	0.79	-1264.15	105.69
12	-440.44	-0.02	18.92	37.81	0.01	0.03	0.00	-729.50	0.06	---	---	0.02	0.18	0.85	-1360.76	109.81
							2.04	-744.16	-5.70	0.01	0.02	0.02	0.22	0.83	-1328.57	109.41
							4.07	-552.27	0.23	---	---	0.03	0.30	0.79	-1261.97	106.54
1							4.07	-421.34	-8.79	---	---	---	---	---	-2213.60	98.10
							6.33	-338.53	-7.09	---	---	---	---	---	-2213.60	83.29
							8.58	-202.74	8.68	---	---	---	---	---	-2213.60	54.27
3							4.07	-337.06	-4.07	---	---	---	---	---	-2213.60	83.00
							6.33	-301.20	-4.33	---	---	---	---	---	-2213.60	75.90
							8.58	-181.78	5.23	---	---	---	---	---	-2213.60	49.26
5							4.07	-467.94	-12.35	---	---	---	---	---	-2213.60	105.47
							6.33	-351.40	-7.64	---	---	---	---	---	-2213.60	85.73
							8.58	-215.24	9.17	---	---	---	---	---	-2213.60	57.19
7							4.07	-423.60	-10.69	---	---	---	---	---	-2213.60	98.47
							6.33	-325.11	-5.36	---	---	---	---	---	-2213.60	80.68
							8.58	-205.00	6.13	---	---	---	---	---	-2213.60	54.80
9	-207.41	-0.03	0.00	0.00	0.00	0.05	4.07	-430.64	-2.50	---	---	0.02	0.21	0.82	-1206.96	84.84
							6.33	-402.35	-3.95	0.01	0.03	0.03	0.33	0.76	-1117.83	81.99
							8.58	-260.79	3.27	---	---	0.05	0.46	0.69	-1018.09	61.97
10	-209.08	-0.03	0.00	0.00	0.00	0.05	4.07	-438.66	-2.51	---	---	0.02	0.21	0.82	-1206.96	85.58
							6.33	-407.95	-4.08	0.01	0.03	0.03	0.33	0.76	-1116.53	82.58
							8.58	-263.38	3.09	---	---	0.05	0.46	0.69	-1018.09	62.42
11	-206.81	-0.03	0.00	0.00	0.00	0.05	4.07	-428.85	-2.61	---	---	0.02	0.21	0.82	-1206.96	84.67
							6.33	-402.76	-3.77	0.01	0.03	0.03	0.32	0.76	-1121.25	82.03
							8.58	-260.68	3.38	---	---	0.05	0.46	0.69	-1018.09	61.95
12	-209.69	-0.03	0.00	0.00	0.00	0.05	4.07	-440.44	-2.40	---	---	0.02	0.21	0.82	-1206.96	85.74
							6.33	-407.53	-4.26	0.01	0.03	0.03	0.33	0.75	-1113.15	82.54
							8.58	-263.49	2.98	---	---	0.05	0.46	0.69	-1018.09	62.44
1							8.58	-162.23	7.39	---	---	---	---	---	-2029.13	40.42
							10.46	-95.34	-7.95	---	---	---	---	---	-2029.13	24.77
3							8.58	-140.19	5.83	---	---	---	---	---	-2029.13	35.42
							10.46	-84.84	-4.41	---	---	---	---	---	-2029.13	22.18
5							8.58	-178.80	5.60	---	---	---	---	---	-2029.13	44.07
							10.46	-100.47	-7.79	---	---	---	---	---	-2029.13	26.02
7							8.58	-170.95	2.51	---	---	---	---	---	-2029.13	42.35
							10.46	-94.35	-4.12	---	---	---	---	---	-2029.13	24.53
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-207.41	2.20	---	---	0.02	0.19	0.84	-1136.90	46.75
							10.46	-126.13	-5.48	0.04	0.05	0.05	0.57	0.66	-892.24	30.88
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-209.08	1.99	---	---	0.02	0.19	0.84	-1136.90	47.04
							10.46	-125.51	-5.73	0.05	0.05	0.05	0.59	0.65	-882.05	30.75
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-206.81	2.04	---	---	0.02	0.19	0.84	-1136.90	46.64
							10.46	-125.23	-5.81	0.05	0.06	0.06	0.60	0.65	-878.53	30.69
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-209.69	2.15	---	---	0.02	0.19	0.84	-1136.90	47.15
							10.46	-126.42	-5.40	0.04	0.05	0.05	0.56	0.66	-895.70	30.94

Verifiche per azioni nel piano

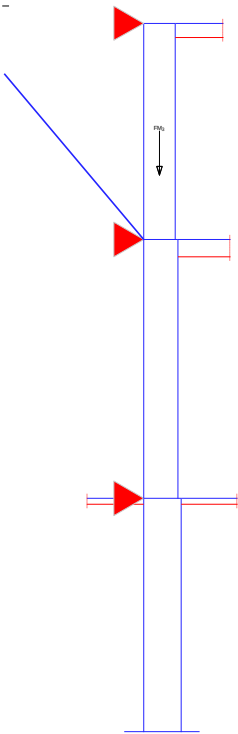
CC	Zv <m>	N <kN>	Mv <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-646.91	180.76	610.96	140.03	159.86
1	2.04	-596.66	56.55	583.85	190.60	154.18
1	4.07	-463.05	8.81	495.10	39.76	137.94
3	0.00	-500.32	143.69	522.29	126.98	142.66
3	2.04	-471.50	45.73	501.43	169.71	139.03
3	4.07	-372.89	0.08	421.51	17.90	125.81
5	0.00	-772.75	110.45	663.80	61.80	173.27
5	2.04	-729.96	33.38	648.24	88.86	168.83
5	4.07	-539.64	15.88	548.94	45.08	147.47
7	0.00	-734.01	13.12	649.82	18.30	169.25
7	2.04	-719.04	2.70	643.87	19.23	167.68
7	4.07	-515.14	13.21	532.58	27.78	144.49
9	0.00	-721.38	9.95	468.22	8.69	134.99
9	2.04	-734.60	2.68	466.92	10.98	136.14
9	4.07	-543.38	-0.71	451.16	1.54	118.36
10	0.00	-713.35	-9.95	468.84	8.69	134.28
10	2.04	-733.82	-2.68	467.00	10.98	136.08
10	4.07	-547.90	0.71	452.39	1.54	118.82
11	0.00	-705.23	-2.82	469.33	0.19	133.57
11	2.04	-724.25	0.12	467.97	0.78	135.24
11	4.07	-539.01	-0.62	449.93	1.57	117.93
12	0.00	-729.50	2.82	467.46	0.19	135.70
12	2.04	-744.16	-0.12	465.75	0.78	136.97

12	4.07	-552.27	0.62	453.54	1.57	119.25
1	4.07	-421.34	46.54	452.39	124.99	121.04
1	6.33	-338.53	41.10	384.09	164.26	110.31
1	8.58	-202.74	54.04	250.27	20.64	89.99
3	4.07	-337.06	37.51	382.79	110.71	110.11
3	6.33	-301.20	26.36	350.01	149.29	105.12
3	8.58	-181.78	48.06	227.19	10.77	86.43
5	4.07	-467.94	27.65	486.39	59.16	126.68
5	6.33	-351.40	34.68	395.37	71.99	112.05
5	8.58	-215.24	25.28	263.72	21.16	92.05
7	4.07	-423.60	2.43	454.11	11.55	121.32
7	6.33	-325.11	14.44	372.07	22.08	108.48
7	8.58	-205.00	-5.35	252.71	11.74	90.37
9	4.07	-430.64	1.77	391.25	6.27	97.49
9	6.33	-402.35	-2.06	378.10	7.90	94.55
9	8.58	-260.79	-2.87	285.79	0.46	78.17
10	4.07	-438.66	-1.77	394.66	6.27	98.31
10	6.33	-407.95	2.06	380.84	7.90	95.14
10	8.58	-263.38	2.87	287.87	0.46	78.50
11	4.07	-428.85	-0.46	390.47	0.60	97.31
11	6.33	-402.76	1.10	378.31	0.18	94.59
11	8.58	-260.68	0.31	285.70	0.54	78.15
12	4.07	-440.44	0.46	395.39	0.60	98.49
12	6.33	-407.53	-1.10	380.64	0.18	95.09
12	8.58	-263.49	-0.31	287.96	0.54	78.51
1	8.58	-162.23	7.07	203.34	30.71	92.52
1	10.46	-95.34	12.99	124.62	77.53	77.49
3	8.58	-140.19	5.66	178.19	23.36	87.85
3	10.46	-84.84	10.51	111.60	71.35	74.85
5	8.58	-178.80	4.26	221.72	20.37	95.88
5	10.46	-100.47	7.65	130.90	32.63	78.74
7	8.58	-170.95	0.44	213.07	4.15	94.30
7	10.46	-94.35	0.60	123.39	12.04	77.24
9	8.58	-207.41	0.05	235.19	1.07	79.58
9	10.46	-126.13	0.58	155.36	3.53	65.29
10	8.58	-209.08	-0.05	236.67	1.07	79.84
10	10.46	-125.51	-0.58	154.69	3.53	65.16
11	8.58	-206.81	-0.13	234.66	0.28	79.48
11	10.46	-125.23	0.08	154.38	0.12	65.11
12	8.58	-209.69	0.13	237.20	0.28	79.94
12	10.46	-126.42	-0.08	155.67	0.12	65.34

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.46	1.16	2.59	0.00	4.07	4	SLD	0.25	0.63	4.80	0.00	4.07	6	SLD	0.67	1.69	1.77
0.00	4.07	8	SLD	0.57	1.43	2.09	4.07	8.58	2	SLD	0.54	1.28	2.35	4.07	8.58	4	SLD	0.28	0.66	4.57
4.07	8.58	6	SLD	0.83	1.98	1.52	4.07	8.58	8	SLD	0.70	1.67	1.79	8.58	12.35	2	SLD	0.30	0.86	3.48
8.58	12.35	4	SLD	0.12	0.35	8.64	8.58	12.35	6	SLD	0.45	1.28	2.34	8.58	12.35	8	SLD	0.37	1.05	2.87

Verifiche cinematicismi
Ribalt. a z=8.58

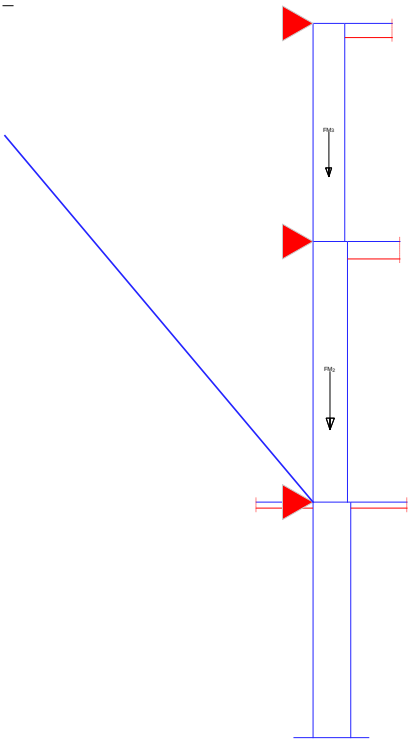


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematicismo $M^*=12281.80$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

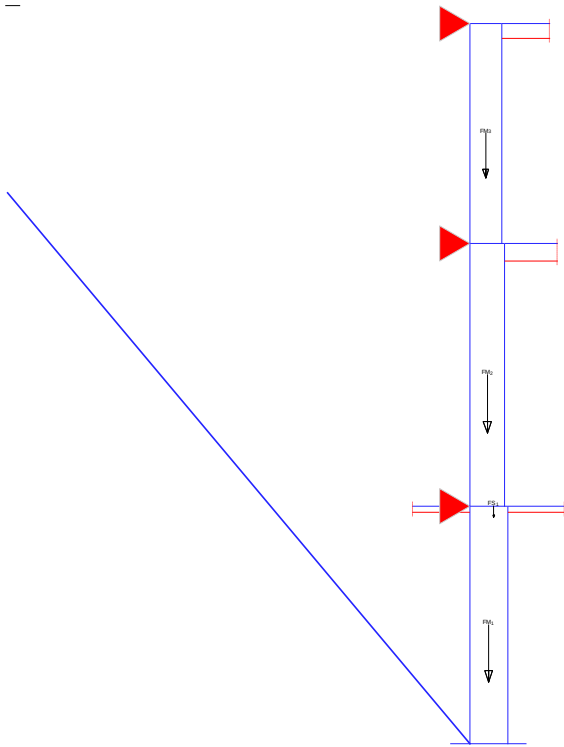


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo $M^*=22530.50$ <kg>
Frazione di massa partecipante $e^*=0.80$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=145.33$ <mm>
Domanda di spostamento [C8A.4.11]=172.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

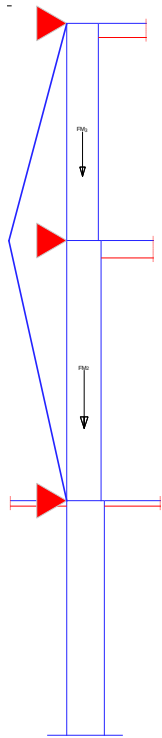


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		153.72	0.00	2.04	Peso maschio piano 1
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3
FS ₁		29.85	0.09	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^{*}=35770.60 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=162.50 <mm>
Domanda di spostamento [C8A.4.11]=191.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8497

Fless. a z= 8.58 da z= 4.07 a z=12.35

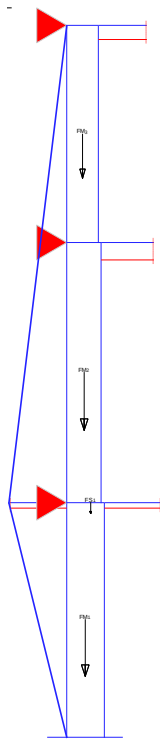


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo $M^*=28310.20$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=72.85$ <mm>
Domanda di spostamento [C8A.4.11]=68.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a z= 4.07 da z= 0.00 a z=12.35

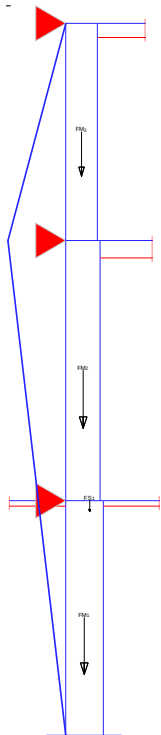


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		153.72	0.00	2.04	Peso maschio piano 1
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3
FS ₁		29.85	0.09	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=39913.90$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.20$ <mm>
Domanda di spostamento [C8A.4.11]=77.76 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4429

Fless. a z= 8.58 da z= 0.00 a z=12.35

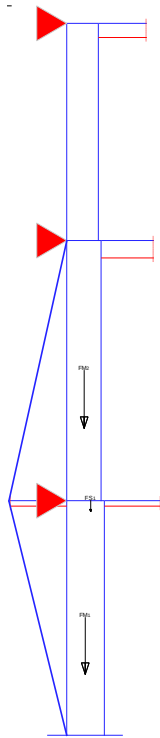


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		153.72	0.00	2.04	Peso maschio piano 1
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FM ₃		120.48	-0.05	10.46	Peso maschio piano 3
FS ₁		29.85	0.09	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=40037.20$ <kg>
 Frazione di massa partecipante $e^*=0.85$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=113.31$ <mm>
 Domanda di spostamento [C8A.4.11]=108.77 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0417

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		153.72	0.00	2.04	Peso maschio piano 1
FM ₂		157.24	-0.03	6.33	Peso maschio piano 2
FS ₁		29.85	0.09	4.07	Peso solaio piano 1

Massa partecipante al cinetismo $M^*=32542.30$ <kg>
 Frazione di massa partecipante $e^*=0.94$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=82.42$ <mm>
 Domanda di spostamento [C8A.4.11]=70.59 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1675

Maschio in muratura ordinaria n. 4

$X_g=14.93$ <m> $Y_g=0.33$ <m> $L=2.85$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>	<m>	<m>	<m>	<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.97	-0.03	125	0.00	107	0.00	0.02	0.00	1.00	6.11	3200.00	888.89	1333.33	65.00	27.08	40.63
					125	-0.18	103	0.18										
							116	0.18										
							103	0.18										
4.07	8.58	0.60	4.51	0.00					0.02	0.00	1.00	7.52	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.60	3.47				406	0.17	0.02	0.00	1.00	5.78	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	$\Sigma N2_{sx}$	$\Sigma N2_{dx}$	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-572.88	-11.90	---	---	---	---	---	-2466.53	135.31
							2.04	-595.67	-8.53	---	---	---	---	---	-2466.53	138.59
							4.07	-507.95	-33.38	---	---	---	---	---	-2466.53	125.09
3							0.00	-479.42	-9.97	---	---	---	---	---	-2466.53	120.18
							2.04	-496.24	-0.64	---	---	---	---	---	-2466.53	123.11
							4.07	-436.50	-9.40	---	---	---	---	---	-2466.53	112.33
5							0.00	-646.91	-11.80	---	---	---	---	---	-2466.53	145.37
							2.04	-694.63	-14.95	---	---	---	---	---	-2466.53	150.96
							4.07	-553.89	-53.27	---	---	---	---	---	-2466.53	132.46
7							0.00	-616.90	-9.78	---	---	---	---	---	-2466.53	141.50
							2.04	-680.03	-12.56	---	---	---	---	---	-2466.53	149.32
							4.07	-521.82	-46.35	---	---	---	---	---	-2466.53	127.38
9	-610.61	-0.02	19.31	36.31	0.01	0.04	0.00	-655.90	-11.94	---	---	0.02	0.18	0.85	-1399.61	113.13
							2.04	-736.46	-5.08	---	---	0.02	0.18	0.85	-1399.61	113.23
							4.07	-609.38	-20.01	0.03	0.05	0.05	0.47	0.70	-1155.10	111.70

10	-601.08	-0.02	19.31	36.31	0.01	0.04	0.00	-662.97	-11.79	---	---	0.02	0.18	0.85	-1399.61	113.26
							2.04	-736.78	-4.94	---	---	0.02	0.18	0.85	-1399.61	113.23
							4.07	-604.72	-19.96	0.03	0.05	0.05	0.47	0.70	-1154.21	111.50
11	-600.64	-0.02	19.31	36.31	0.01	0.04	0.00	-650.62	-12.20	---	---	0.02	0.18	0.85	-1399.61	113.02
							2.04	-727.90	-5.49	---	---	0.02	0.18	0.85	-1399.61	113.37
							4.07	-601.26	-21.49	0.04	0.05	0.05	0.50	0.69	-1132.83	111.35
12	-611.04	-0.02	19.31	36.31	0.01	0.04	0.00	-668.25	-11.53	---	---	0.02	0.18	0.85	-1399.61	113.35
							2.04	-745.35	-4.53	---	---	0.02	0.18	0.85	-1399.61	113.06
							4.07	-612.84	-18.48	0.03	0.05	0.05	0.45	0.72	-1176.07	111.84
1							4.07	-542.91	-34.69	---	---	---	---	---	-2276.80	117.18
							6.33	-450.53	-12.33	---	---	---	---	---	-2276.80	103.69
							8.58	-296.74	16.97	---	---	---	---	---	-2276.80	75.37
3							4.07	-475.60	-14.28	---	---	---	---	---	-2276.80	107.62
							6.33	-391.97	-9.37	---	---	---	---	---	-2276.80	93.77
							8.58	-257.20	3.22	---	---	---	---	---	-2276.80	66.91
5							4.07	-557.90	-50.52	---	---	---	---	---	-2276.80	119.12
							6.33	-473.31	-11.78	---	---	---	---	---	-2276.80	107.27
							8.58	-305.81	26.46	---	---	---	---	---	-2276.80	77.25
7							4.07	-503.43	-43.66	---	---	---	---	---	-2276.80	111.74
							6.33	-434.28	-8.35	---	---	---	---	---	-2276.80	101.05
							8.58	-274.05	20.83	---	---	---	---	---	-2276.80	70.57
9	-282.89	0.00	0.00	0.00	0.00	0.02	4.07	-610.61	-21.51	0.04	0.05	0.05	0.46	0.68	-1028.38	96.49
							6.33	-527.46	-6.38	---	---	0.02	0.23	0.80	-1213.75	93.55
							8.58	-340.52	6.67	---	---	0.02	0.23	0.80	-1213.75	75.19
10	-277.76	0.00	0.00	0.00	0.00	0.02	4.07	-601.08	-21.61	0.04	0.05	0.05	0.47	0.67	-1022.72	96.31
							6.33	-520.60	-6.43	---	---	0.02	0.23	0.80	-1213.75	93.16
							8.58	-335.09	6.67	---	---	0.02	0.23	0.80	-1213.75	74.42
11	-278.04	0.00	0.00	0.00	0.00	0.02	4.07	-600.64	-22.62	0.04	0.05	0.05	0.49	0.67	-1009.57	96.30
							6.33	-519.51	-6.12	---	---	0.02	0.23	0.80	-1213.75	93.10
							8.58	-334.66	7.55	---	---	0.02	0.23	0.80	-1213.75	74.36
12	-282.61	0.00	0.00	0.00	0.00	0.02	4.07	-611.04	-20.50	0.03	0.04	0.04	0.45	0.69	-1041.30	96.49
							6.33	-528.56	-6.70	---	---	0.02	0.23	0.80	-1213.75	93.61
							8.58	-340.95	5.79	---	---	0.02	0.23	0.80	-1213.75	75.25
1							8.58	-246.67	17.20	---	---	---	---	---	-2276.80	64.57
							10.46	-99.45	13.76	---	---	---	---	---	-2276.80	28.30
3							8.58	-217.63	3.15	---	---	---	---	---	-2276.80	57.95
							10.46	-90.99	2.01	---	---	---	---	---	-2276.80	26.01
5							8.58	-245.47	26.99	---	---	---	---	---	-2276.80	64.30
							10.46	-99.03	22.39	---	---	---	---	---	-2276.80	28.19
7							8.58	-215.40	21.32	---	---	---	---	---	-2276.80	57.43
							10.46	-90.20	18.03	---	---	---	---	---	-2276.80	25.80
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-282.89	4.61	-0.02	0.02	0.02	0.25	0.82	-1250.39	66.26
							10.46	-107.99	-1.28	---	---	0.02	0.17	0.86	-1310.06	29.69
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-277.76	4.58	-0.02	0.03	0.03	0.25	0.82	-1248.84	65.39
							10.46	-106.31	-1.29	---	---	0.02	0.17	0.86	-1310.06	29.27
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-278.04	5.50	-0.02	0.03	0.03	0.28	0.81	-1222.96	65.44
							10.46	-106.57	-0.58	---	---	0.02	0.17	0.86	-1310.06	29.33
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-282.61	3.68	-0.01	0.02	0.02	0.22	0.84	-1275.85	66.21
							10.46	-107.74	-1.99	---	---	0.02	0.17	0.86	-1310.06	29.62

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-572.88	170.38	592.46	135.19	158.20
1	2.04	-595.67	60.09	606.81	181.51	160.96
1	4.07	-507.95	9.56	547.69	30.03	150.07
3	0.00	-479.42	158.24	526.21	123.91	146.35
3	2.04	-496.24	46.83	539.01	167.87	148.55
3	4.07	-436.50	3.20	491.82	26.37	140.57
5	0.00	-646.91	69.52	636.51	57.67	167.00
5	2.04	-694.63	38.14	660.96	75.14	172.42
5	4.07	-553.89	12.51	579.96	14.55	155.87
7	0.00	-616.90	-29.07	619.54	20.06	163.49
7	2.04	-680.03	6.06	653.81	29.67	170.78
7	4.07	-521.82	8.69	557.73	2.37	151.84
9	0.00	-655.90	10.42	495.36	9.16	134.83
9	2.04	-736.46	2.88	495.79	11.77	142.31
9	4.07	-609.38	-0.62	489.08	1.90	130.31
10	0.00	-662.97	-10.42	495.92	9.16	135.50
10	2.04	-736.78	-2.88	495.77	11.77	142.34
10	4.07	-604.72	0.62	488.21	1.90	129.85
11	0.00	-650.62	0.18	494.86	0.51	134.32
11	2.04	-727.90	-0.85	496.37	0.30	141.53
11	4.07	-601.26	0.42	487.54	0.13	129.50
12	0.00	-668.25	-0.18	496.28	0.51	136.00
12	2.04	-745.35	0.85	495.03	0.30	143.11
12	4.07	-612.84	-0.42	489.70	0.13	130.65
1	4.07	-542.91	41.55	555.83	121.96	137.40

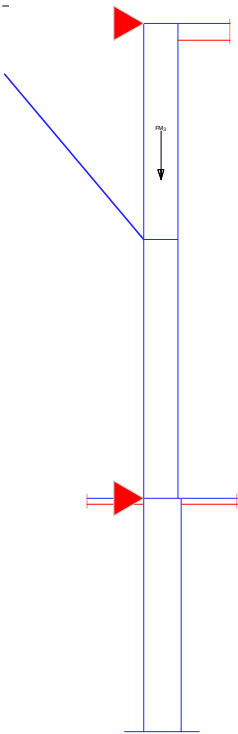
Fascicolo dei calcoli

1	6.33	-450.53	46.04	491.86	167.32	126.61
1	8.58	-296.74	70.57	357.52	25.42	106.24
3	4.07	-475.60	34.79	510.46	108.46	129.62
3	6.33	-391.97	41.06	444.80	154.13	119.26
3	8.58	-257.20	63.77	317.36	22.39	100.34
5	4.07	-557.90	22.72	565.03	57.07	139.07
5	6.33	-473.31	21.37	508.80	70.21	129.35
5	8.58	-305.81	31.48	366.41	12.22	107.55
7	4.07	-503.43	-0.19	530.03	12.06	132.89
7	6.33	-434.28	-4.76	479.31	26.23	124.61
7	8.58	-274.05	-8.82	334.75	2.12	102.90
9	4.07	-610.61	1.78	457.67	6.35	116.19
9	6.33	-527.46	-2.60	443.72	8.84	108.59
9	8.58	-340.52	-3.82	356.67	1.24	89.16
10	4.07	-601.08	-1.78	456.85	6.35	115.35
10	6.33	-520.60	2.60	441.89	8.84	107.94
10	8.58	-335.09	3.82	352.99	1.24	88.53
11	4.07	-600.64	0.32	456.81	0.72	115.31
11	6.33	-519.51	-0.09	441.59	0.16	107.84
11	8.58	-334.66	0.30	352.70	0.25	88.48
12	4.07	-611.04	-0.32	457.70	0.72	116.23
12	6.33	-528.56	0.09	444.00	0.16	108.70
12	8.58	-340.95	-0.30	356.96	0.25	89.21
1	8.58	-246.67	9.23	306.27	31.84	121.44
1	10.46	-99.45	10.14	134.25	98.15	88.76
3	8.58	-217.63	4.62	274.86	29.75	115.73
3	10.46	-90.99	7.95	123.39	88.93	86.50
5	8.58	-245.47	9.76	305.00	12.72	121.21
5	10.46	-99.03	6.36	133.71	43.43	88.65
7	8.58	-215.40	5.60	272.40	5.76	115.28
7	10.46	-90.20	0.94	122.38	12.69	86.29
9	8.58	-282.89	-0.45	314.29	1.73	101.19
9	10.46	-107.99	0.40	140.81	4.75	69.27
10	8.58	-277.76	0.45	310.16	1.73	100.40
10	10.46	-106.31	-0.40	138.82	4.75	68.89
11	8.58	-278.04	0.36	310.39	0.12	100.44
11	10.46	-106.57	-0.12	139.12	0.06	68.95
12	8.58	-282.61	-0.36	314.06	0.12	101.15
12	10.46	-107.74	0.12	140.51	0.06	69.21

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.49	1.23	2.44	0.00	4.07	4	SLD	0.32	0.80	3.73	0.00	4.07	6	SLD	0.66	1.67	1.79
0.00	4.07	8	SLD	0.57	1.45	2.07	4.07	8.58	2	SLD	0.82	1.81	1.66	4.07	8.58	4	SLD	0.28	0.63	4.76
4.07	8.58	6	SLD	1.38	3.06	0.98	4.07	8.58	8	SLD	1.18	2.62	1.15	8.58	12.35	2	SLD	0.55	1.57	1.91
8.58	12.35	4	SLD	0.16	0.46	6.53	8.58	12.35	6	SLD	0.84	2.42	1.24	8.58	12.35	8	SLD	0.69	2.00	1.50

Verifiche cinematicismi
Ribalt. a z=8.58

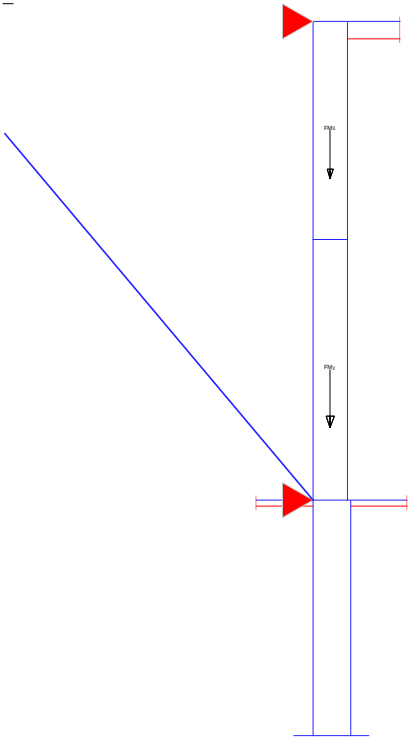


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematicismo $M^*=13780.90$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=120.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0213
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1377

Ribalt. a z=4.07

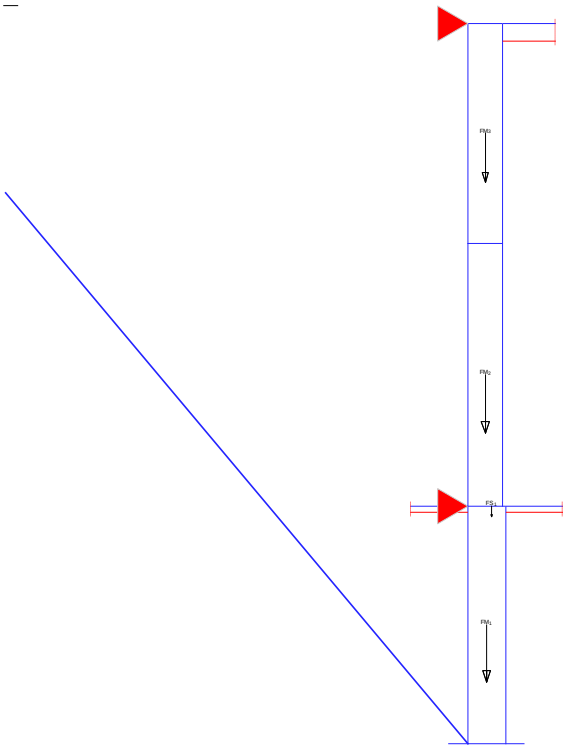


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematismo $M^*=24252.20$ <kg>
 Frazione di massa partecipante $e^*=0.80$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=149.76$ <mm>
 Domanda di spostamento [C8A.4.11]=174.12 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8601
 Domanda di spostamento amplificata [C8A.4.12]=64.80 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.3111

Ribalt. a z=0.00

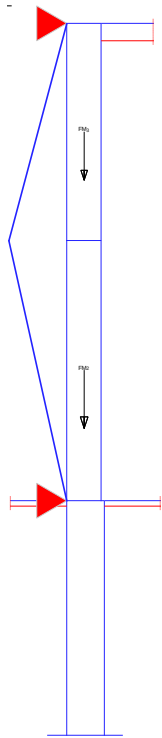


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		158.11	0.00	2.04	Peso maschio piano 1
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3
FS ₁		29.22	0.08	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=37679.10$ <kg>
 Frazione di massa partecipante $e^*=0.76$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=164.86$ <mm>
 Domanda di spostamento [C8A.4.11]=191.34 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8616

Fless. a z= 8.58 da z= 4.07 a z=12.35

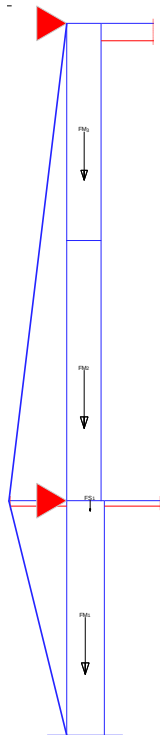


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^{*}=30266.80 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=70.00 <mm>
Domanda di spostamento [C8A.4.11]=66.70 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0495
Domanda di spostamento amplificata [C8A.4.12]=85.91 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8148

Fless. a z= 4.07 da z= 0.00 a z=12.35

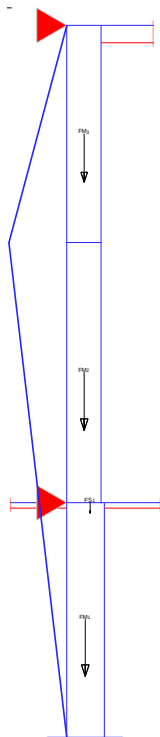


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		158.11	0.00	2.04	Peso maschio piano 1
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3
FS ₁		29.22	0.08	4.07	Peso solaio piano 1

Massa partecipante al cinematismo $M^*=41632.60$ <kg>
Frazione di massa partecipante $e^*=0.84$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.48$ <mm>
Domanda di spostamento [C8A.4.11]=76.17 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4505

Fless. a z= 8.58 da z= 0.00 a z=12.35

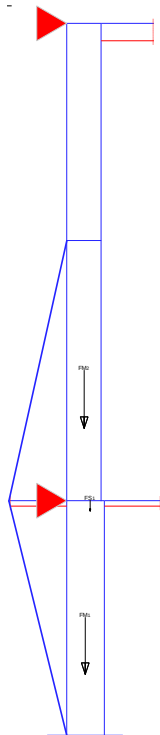


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		158.11	0.00	2.04	Peso maschio piano 1
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FM ₃		135.19	-0.03	10.46	Peso maschio piano 3
FS ₁		29.22	0.08	4.07	Peso solaio piano 1

Massa partecipante al cinematisimo $M^*=42162.50$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=108.27$ <mm>
Domanda di spostamento [C8A.4.11]=106.12 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0203

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		158.11	0.00	2.04	Peso maschio piano 1
FM ₂		161.73	-0.03	6.33	Peso maschio piano 2
FS ₁		29.22	0.08	4.07	Peso solaio piano 1

Massa partecipante al cinematisimo $M^*=33400.50$ <kg>
 Frazione di massa partecipante $e^*=0.94$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=81.73$ <mm>
 Domanda di spostamento [C8A.4.11]=70.23 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1638

Maschio in muratura ordinaria n. 5

$X_g=19.17$ <m> $Y_g=0.33$ <m> $L=3.08$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.03			103	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							116	0.18										
							104	0.18										
							119	0.18										
4.07	8.58	0.60	4.21	0.00			203	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.60	3.67				406	0.17	0.02	0.00	1.00	6.12	3200.00	888.89	1333.33	65.00	27.08	40.63
							407	0.17										
							307	0.17										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN_{2sx}	ΣN_{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-605.62	12.70	---	---	---	---	---	-2669.33	144.29
							2.04	-797.27	-9.00	---	---	---	---	---	-2669.33	168.06
							4.07	-493.55	-12.13	---	---	---	---	---	-2669.33	125.51
3							0.00	-458.94	0.03	---	---	---	---	---	-2669.33	118.98
							2.04	-625.28	-6.44	---	---	---	---	---	-2669.33	147.21
							4.07	-387.24	-0.53	---	---	---	---	---	-2669.33	104.37
5							0.00	-727.63	24.47	---	---	---	---	---	-2669.33	160.64
							2.04	-924.92	-10.95	---	---	---	---	---	-2669.33	178.06
							4.07	-576.29	-22.40	---	---	---	---	---	-2669.33	139.72
7							0.00	-685.52	21.89	---	---	---	---	---	-2669.33	155.48
							2.04	-862.34	-10.06	---	---	---	---	---	-2669.33	173.74
							4.07	-540.89	-19.59	---	---	---	---	---	-2669.33	133.88
9	-476.76	-0.02	0.00	53.26	0.02	0.02	0.00	-633.24	-0.95	---	---	0.02	0.18	0.86	-1524.75	119.65

							2.04	-846.08	-12.05	0.01	0.03	0.03	0.24	0.83	-1468.20	121.17
							4.07	-546.09	-3.34	---	---	0.02	0.22	0.84	-1489.13	113.41
10	-477.81	-0.02	0.00	53.26	0.02	0.02	0.00	-631.47	-0.54	---	---	0.02	0.18	0.86	-1524.75	119.55
							2.04	-840.92	-12.03	0.01	0.03	0.03	0.24	0.82	-1467.51	121.36
							4.07	-543.43	-3.26	---	---	0.02	0.22	0.84	-1488.78	113.16
11	-469.69	-0.02	0.00	53.26	0.02	0.02	0.00	-620.34	-1.91	---	---	0.02	0.18	0.86	-1524.75	118.93
							2.04	-829.83	-12.17	0.01	0.03	0.03	0.24	0.82	-1465.81	121.74
							4.07	-537.30	-3.97	---	---	0.02	0.21	0.84	-1491.52	112.59
12	-484.88	-0.02	0.00	53.26	0.02	0.02	0.00	-644.38	0.41	---	---	0.02	0.18	0.86	-1524.75	120.21
							2.04	-857.16	-11.91	0.01	0.03	0.03	0.24	0.83	-1469.83	120.72
							4.07	-552.22	-2.63	---	---	0.02	0.22	0.84	-1486.47	113.95
1							4.07	-438.74	-14.14	---	---	---	---	---	-2464.00	104.05
							6.33	-389.98	-7.49	---	---	---	---	---	-2464.00	95.21
							8.58	-219.62	9.36	---	---	---	---	---	-2464.00	58.98
3							4.07	-321.40	-3.87	---	---	---	---	---	-2464.00	81.62
							6.33	-338.69	-3.00	---	---	---	---	---	-2464.00	85.18
							8.58	-200.16	1.77	---	---	---	---	---	-2464.00	54.31
5							4.07	-547.18	-23.07	---	---	---	---	---	-2464.00	121.27
							6.33	-434.13	-10.99	---	---	---	---	---	-2464.00	103.24
							8.58	-234.02	15.82	---	---	---	---	---	-2464.00	62.36
7							4.07	-522.78	-20.47	---	---	---	---	---	-2464.00	117.69
							6.33	-420.69	-9.51	---	---	---	---	---	-2464.00	100.86
							8.58	-226.92	13.78	---	---	---	---	---	-2464.00	60.70
9	-228.56	0.00	0.00	34.50	0.02	0.04	4.07	-476.76	-5.40	0.01	0.03	0.03	0.33	0.76	-1244.19	94.19
							6.33	-505.97	-5.02	---	---	0.02	0.22	0.82	-1339.35	96.79
							8.58	-303.74	4.25	---	---	0.04	0.43	0.71	-1158.19	71.30
10	-230.46	0.00	0.00	34.50	0.02	0.04	4.07	-477.81	-5.34	0.01	0.03	0.03	0.33	0.76	-1246.02	94.29
							6.33	-505.04	-5.07	---	---	0.02	0.21	0.82	-1340.01	96.71
							8.58	-303.17	4.19	---	---	0.04	0.43	0.71	-1159.52	71.20
11	-228.14	0.00	0.00	34.50	0.02	0.04	4.07	-469.69	-5.84	0.01	0.03	0.03	0.34	0.75	-1234.62	93.51
							6.33	-502.46	-4.74	---	---	0.02	0.22	0.82	-1339.20	96.49
							8.58	-302.46	4.66	---	---	0.04	0.43	0.70	-1157.90	71.08
12	-230.88	0.00	0.00	34.50	0.02	0.04	4.07	-484.88	-4.89	---	---	0.02	0.21	0.82	-1343.49	94.95
							6.33	-508.55	-5.35	0.01	0.03	0.03	0.32	0.76	-1251.64	97.00
							8.58	-304.44	3.78	---	---	0.04	0.43	0.71	-1159.81	71.42
1							8.58	-188.15	5.55	---	---	---	---	---	-2464.00	51.37
							10.46	-141.13	-6.62	---	---	---	---	---	-2464.00	39.49
3							8.58	-160.56	1.63	---	---	---	---	---	-2464.00	44.48
							10.46	-122.31	-2.08	---	---	---	---	---	-2464.00	34.55
5							8.58	-205.95	8.55	---	---	---	---	---	-2464.00	55.71
							10.46	-146.74	-9.34	---	---	---	---	---	-2464.00	40.94
7							8.58	-193.62	7.20	---	---	---	---	---	-2464.00	52.72
							10.46	-132.73	-7.13	---	---	---	---	---	-2464.00	37.30
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-228.56	2.44	---	---	0.02	0.18	0.85	-1397.64	57.34
							10.46	-149.22	-9.83	0.07	0.08	0.08	0.75	0.61	-998.06	39.98
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-230.46	2.45	---	---	0.02	0.18	0.85	-1397.64	57.73
							10.46	-151.37	-9.77	0.06	0.07	0.07	0.74	0.61	-1005.07	40.49
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-228.14	2.67	---	---	0.02	0.18	0.85	-1397.64	57.26
							10.46	-149.47	-9.98	0.07	0.08	0.08	0.76	0.60	-993.32	40.04
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-230.88	2.22	---	---	0.02	0.18	0.85	-1397.64	57.81
							10.46	-151.12	-9.61	0.06	0.07	0.07	0.73	0.61	-1009.77	40.43

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	M _u <kNm>	V _{Ed} <kN>	V _u <kN>
1	0.00	-605.62	82.17	683.71	112.33	188.12
1	2.04	-797.27	106.44	796.37	196.20	212.75
1	4.07	-493.55	8.22	594.73	70.31	172.09
3	0.00	-458.94	64.72	563.81	92.29	166.83
3	2.04	-625.28	77.69	697.56	160.54	190.79
3	4.07	-387.24	5.29	494.57	58.68	155.37
5	0.00	-727.63	51.12	761.20	64.09	204.14
5	2.04	-924.92	75.53	843.74	112.94	227.68
5	4.07	-576.29	6.90	662.07	38.74	184.06
7	0.00	-685.52	7.06	736.74	2.71	198.76
7	2.04	-862.34	20.29	823.28	5.92	220.49
7	4.07	-540.89	2.85	634.40	0.04	179.04
9	0.00	-633.24	4.99	566.94	7.68	153.66
9	2.04	-846.08	5.66	574.16	12.62	175.84
9	4.07	-546.09	-0.12	537.37	4.32	143.59
10	0.00	-631.47	-4.99	566.49	7.68	153.46
10	2.04	-840.92	-5.66	575.07	12.62	175.34
10	4.07	-543.43	0.12	536.22	4.32	143.27
11	0.00	-620.34	0.27	563.54	0.63	152.21
11	2.04	-829.83	-0.67	576.86	0.72	174.25
11	4.07	-537.30	0.30	533.53	0.78	142.53
12	0.00	-644.38	-0.27	569.60	0.63	154.90
12	2.04	-857.16	0.67	572.00	0.72	176.92

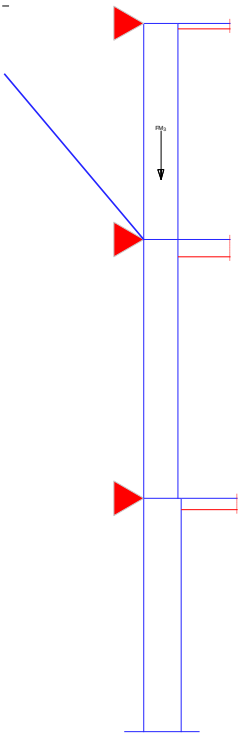
Fascicolo dei calcoli

12	4.07	-552.22	-0.30	539.95	0.78	144.32
1	4.07	-438.74	80.13	534.12	88.57	143.69
1	6.33	-389.98	6.59	488.74	135.73	136.70
1	8.58	-219.62	40.27	302.75	30.84	108.82
3	4.07	-321.40	63.37	419.00	74.06	126.22
3	6.33	-338.69	5.31	437.24	111.57	128.94
3	8.58	-200.16	32.04	278.79	21.47	105.17
5	4.07	-547.18	49.45	622.50	48.57	158.13
5	6.33	-434.13	3.93	529.98	77.37	143.04
5	8.58	-234.02	24.56	320.12	23.47	111.45
7	4.07	-522.78	6.40	604.13	0.22	154.99
7	6.33	-420.69	0.36	517.73	3.18	141.14
7	8.58	-226.92	2.87	311.59	7.78	110.16
9	4.07	-476.76	3.75	483.51	4.94	118.80
9	6.33	-505.97	-0.44	496.84	6.92	122.04
9	8.58	-303.74	-2.17	366.00	1.42	97.35
10	4.07	-477.81	-3.75	484.03	4.94	118.91
10	6.33	-505.04	0.44	496.44	6.92	121.94
10	8.58	-303.17	2.17	365.50	1.42	97.27
11	4.07	-469.69	0.56	480.01	1.07	118.00
11	6.33	-502.46	-0.04	495.33	1.57	121.66
11	8.58	-302.46	-0.23	364.89	0.88	97.18
12	4.07	-484.88	-0.56	487.41	1.07	119.71
12	6.33	-508.55	0.04	497.92	1.57	122.33
12	8.58	-304.44	0.23	366.62	0.88	97.45
1	8.58	-188.15	14.78	263.72	31.26	117.98
1	10.46	-141.13	13.64	202.69	69.27	106.92
3	8.58	-160.56	12.60	228.31	24.70	111.62
3	10.46	-122.31	10.84	177.37	61.59	102.16
5	8.58	-205.95	7.74	285.97	19.33	121.90
5	10.46	-146.74	8.35	210.14	32.43	108.30
7	8.58	-193.62	-0.47	270.61	2.54	119.20
7	10.46	-132.73	1.00	191.45	6.83	104.82
9	8.58	-228.56	0.15	294.37	1.27	99.10
9	10.46	-149.22	0.29	205.24	2.68	83.81
10	8.58	-230.46	-0.15	296.33	1.27	99.44
10	10.46	-151.37	-0.29	207.84	2.68	84.26
11	8.58	-228.14	0.15	293.93	0.68	99.03
11	10.46	-149.47	0.19	205.55	0.80	83.87
12	8.58	-230.88	-0.15	296.76	0.68	99.51
12	10.46	-151.12	-0.19	207.53	0.80	84.21

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.51	1.33	2.26	0.00	4.07	4	SLD	0.31	0.81	3.71	0.00	4.07	6	SLD	0.75	1.94	1.54
0.00	4.07	8	SLD	0.63	1.64	1.83	4.07	8.58	2	SLD	0.66	1.57	1.91	4.07	8.58	4	SLD	0.30	0.71	4.25
4.07	8.58	6	SLD	1.01	2.39	1.25	4.07	8.58	8	SLD	0.83	1.97	1.52	8.58	12.35	2	SLD	0.41	1.11	2.71
8.58	12.35	4	SLD	0.22	0.59	5.08	8.58	12.35	6	SLD	0.52	1.42	2.12	8.58	12.35	8	SLD	0.40	1.10	2.72

Verifiche cinematicismi
Ribalt. a z=8.58

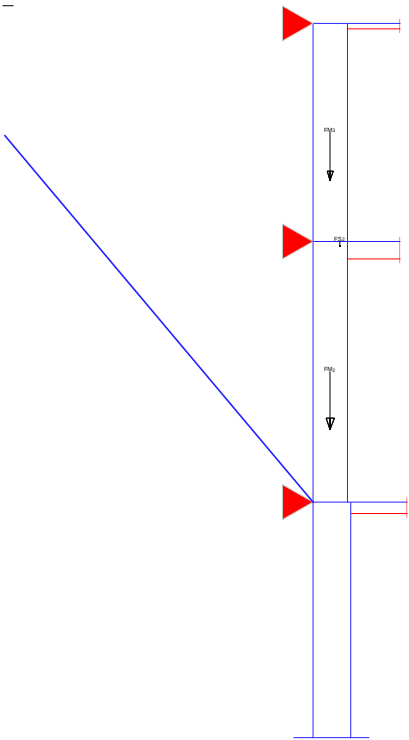


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematicismo $M^*=14914.00$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=120.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0213
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1377

Ribalt. a z=4.07

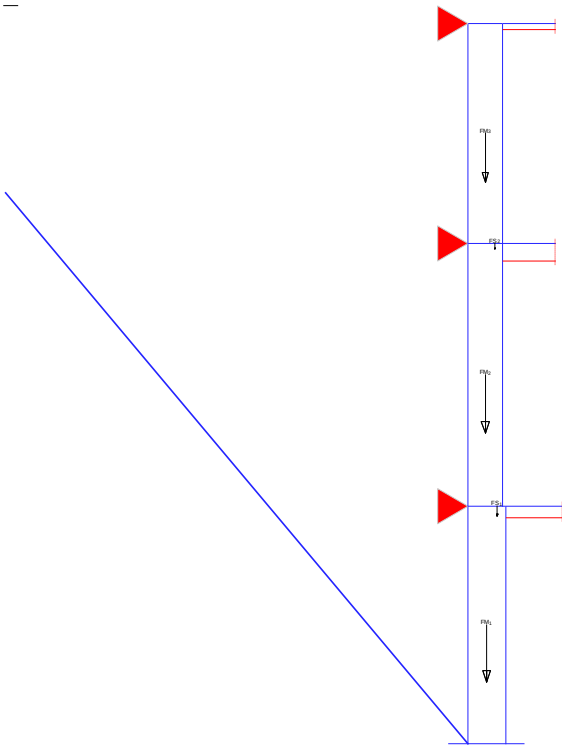


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M*=27847.30 <kg>
Frazione di massa partecipante e*=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u*=152.08 <mm>
Domanda di spostamento [C8A.4.11]=174.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8716
Domanda di spostamento amplificata [C8A.4.12]=64.90 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.3432

Ribalt. a z=0.00

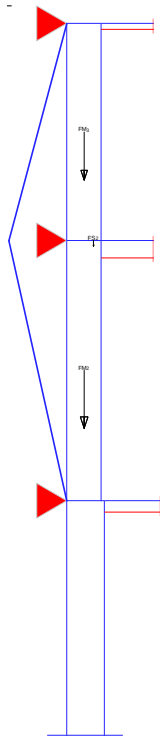


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.11	0.00	2.04	Peso maschio piano 1
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3
FS ₁		28.93	0.18	4.07	Peso solaio piano 1
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^{*}=42176.10 <kg>
 Frazione di massa partecipante e^{*}=0.77
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=168.36 <mm>
 Domanda di spostamento [C8A.4.11]=191.34 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8799

Fless. a z= 8.58 da z= 4.07 a z=12.35

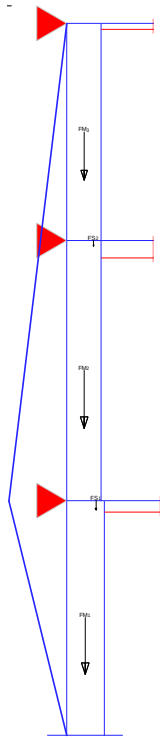


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=33024.80$ <kg>
Frazione di massa partecipante $e^*=0.96$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=78.62$ <mm>
Domanda di spostamento [C8A.4.11]=71.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1020
Domanda di spostamento amplificata [C8A.4.12]=85.54 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9191

Fless. a z= 4.07 da z= 0.00 a z=12.35

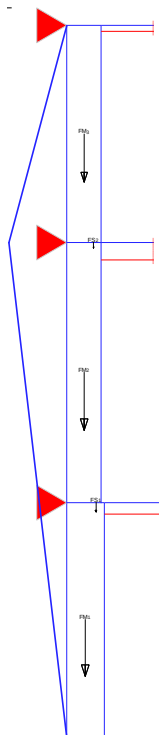


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.11	0.00	2.04	Peso maschio piano 1
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3
FS ₁		28.93	0.18	4.07	Peso solaio piano 1
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^*=46387.10$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.38$ <mm>
Domanda di spostamento [C8A.4.11]=75.38 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4642

Fless. a $z = 8.58$ da $z = 0.00$ a $z = 12.35$



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.11	0.00	2.04	Peso maschio piano 1
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FM ₃		146.31	-0.03	10.46	Peso maschio piano 3
FS ₁		28.93	0.18	4.07	Peso solaio piano 1
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^* = 46196.60$ <kg>

Frazione di massa partecipante $e^* = 0.84$

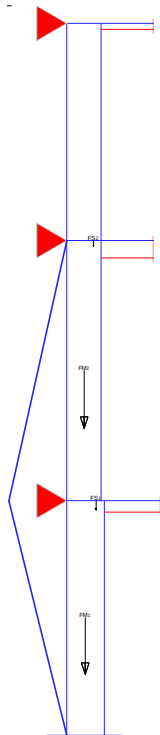
Analisi cinematica non lineare

Capacità di spostamento ultimo $d_u^* = 114.69$ <mm>

Domanda di spostamento [C8A.4.11] = 110.05 <mm>

Indicatore di rischio in termini di accelerazione α (A_g) = 1.0422

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.11	0.00	2.04	Peso maschio piano 1
FM ₂		175.02	-0.03	6.33	Peso maschio piano 2
FS ₁		28.93	0.18	4.07	Peso solaio piano 1
FS ₂		15.95	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematisimo $M^*=36023.00$ <kg>
 Frazione di massa partecipante $e^*=0.90$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=79.50$ <mm>
 Domanda di spostamento [C8A.4.11]=65.52 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2133

Maschio in muratura ordinaria n. 6

$X_g=23.58$ <m> $Y_g=0.33$ <m> $L=3.14$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.03			104	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							119	0.18										
4.07	8.58	0.60	4.21	0.00			203	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.60	3.67				407	0.17	0.02	0.00	1.00	6.12	3200.00	888.89	1333.33	65.00	27.08	40.63
							307	0.17										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-626.32	-29.81	---	---	---	---	---	-2721.33	148.44
							2.04	-729.23	-10.97	---	---	---	---	---	-2721.33	162.28
							4.07	-474.55	-4.07	---	---	---	---	---	-2721.33	122.59
3							0.00	-505.83	-27.77	---	---	---	---	---	-2721.33	128.45
							2.04	-596.30	-8.63	---	---	---	---	---	-2721.33	143.84
							4.07	-399.53	-2.55	---	---	---	---	---	-2721.33	107.42
5							0.00	-669.69	-26.41	---	---	---	---	---	-2721.33	154.64
							2.04	-772.72	-12.13	---	---	---	---	---	-2721.33	167.24
							4.07	-483.75	-4.15	---	---	---	---	---	-2721.33	124.34
7							0.00	-586.38	-21.47	---	---	---	---	---	-2721.33	142.26
							2.04	-677.08	-10.78	---	---	---	---	---	-2721.33	155.64
							4.07	-416.62	-2.71	---	---	---	---	---	-2721.33	111.01
9	-424.13	-0.02	0.00	56.83	0.02	0.02	0.00	-588.87	-31.68	0.05	0.06	0.06	0.59	0.66	-1202.18	118.30
							2.04	-700.69	-12.67	---	---	0.02	0.18	0.86	-1554.46	124.25

							4.07	-466.25	1.83	---	---	0.02	0.18	0.85	-1549.77	105.72
10	-420.11	-0.02	0.00	56.83	0.02	0.02	0.00	-581.35	-30.71	0.05	0.06	0.06	0.58	0.67	-1207.89	117.71
							2.04	-691.87	-12.46	---	---	0.02	0.18	0.86	-1554.46	123.97
							4.07	-459.15	1.63	---	---	0.02	0.18	0.86	-1551.55	104.79
11	-417.05	-0.02	0.00	56.83	0.02	0.02	0.00	-574.68	-31.49	0.05	0.06	0.06	0.60	0.66	-1197.80	117.17
							2.04	-685.22	-12.65	---	---	0.02	0.18	0.86	-1554.46	123.74
							4.07	-457.20	1.77	---	---	0.02	0.18	0.86	-1552.93	104.54
12	-427.19	-0.02	0.00	56.83	0.02	0.02	0.00	-595.54	-30.90	0.05	0.06	0.06	0.57	0.67	-1211.97	118.80
							2.04	-707.34	-12.49	---	---	0.02	0.18	0.86	-1554.46	124.44
							4.07	-468.20	1.69	---	---	0.02	0.19	0.85	-1548.43	105.97
1							4.07	-428.47	-4.38	---	---	---	---	---	-2512.00	102.75
							6.33	-374.68	8.19	---	---	---	---	---	-2512.00	92.68
							8.58	-265.13	8.36	---	---	---	---	---	-2512.00	69.66
3							4.07	-363.61	-2.40	---	---	---	---	---	-2512.00	90.51
							6.33	-321.90	5.83	---	---	---	---	---	-2512.00	82.01
							8.58	-236.79	6.60	---	---	---	---	---	-2512.00	63.16
5							4.07	-440.32	-4.68	---	---	---	---	---	-2512.00	104.86
							6.33	-364.42	6.57	---	---	---	---	---	-2512.00	90.67
							8.58	-239.57	5.90	---	---	---	---	---	-2512.00	63.81
7							4.07	-385.61	-2.96	---	---	---	---	---	-2512.00	94.79
							6.33	-302.85	2.83	---	---	---	---	---	-2512.00	77.97
							8.58	-189.31	2.03	---	---	---	---	---	-2512.00	51.76
9	-182.28	0.00	0.00	85.98	0.05	0.07	4.07	-424.13	3.20	---	---	0.02	0.21	0.82	-1369.66	89.33
							6.33	-363.97	1.43	---	---	0.04	0.37	0.73	-1229.07	81.27
							8.58	-255.48	3.93	-0.02	0.05	0.05	0.53	0.66	-1106.35	62.89
10	-178.29	0.00	0.00	85.98	0.05	0.08	4.07	-420.11	2.98	---	---	0.02	0.21	0.82	-1369.66	88.84
							6.33	-356.85	0.90	---	---	0.04	0.38	0.73	-1225.59	80.22
							8.58	-249.92	3.46	-0.01	0.05	0.05	0.52	0.66	-1112.44	61.81
11	-178.82	0.00	0.00	85.98	0.05	0.08	4.07	-417.05	3.18	---	---	0.02	0.21	0.82	-1369.66	88.46
							6.33	-357.46	1.26	---	---	0.04	0.38	0.73	-1226.06	80.31
							8.58	-251.14	3.73	-0.01	0.05	0.05	0.53	0.66	-1107.32	62.05
12	-181.75	0.00	0.00	85.98	0.05	0.08	4.07	-427.19	2.99	---	---	0.02	0.21	0.82	-1369.66	89.70
							6.33	-363.35	1.07	---	---	0.04	0.38	0.73	-1228.61	81.18
							8.58	-254.25	3.66	-0.01	0.05	0.05	0.52	0.66	-1111.38	62.65
1							8.58	-212.25	8.32	---	---	---	---	---	-2512.00	57.34
							10.46	-163.73	11.70	---	---	---	---	---	-2512.00	45.35
3							8.58	-188.19	5.17	---	---	---	---	---	-2512.00	51.48
							10.46	-145.41	8.11	---	---	---	---	---	-2512.00	40.65
5							8.58	-192.87	7.92	---	---	---	---	---	-2512.00	52.63
							10.46	-151.57	9.68	---	---	---	---	---	-2512.00	42.24
7							8.58	-152.21	4.42	---	---	---	---	---	-2512.00	42.41
							10.46	-122.83	4.35	---	---	---	---	---	-2512.00	34.73
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-182.28	4.20	---	---	0.02	0.18	0.85	-1424.86	47.68
							10.46	-149.74	0.64	---	---	0.02	0.18	0.85	-1424.86	40.20
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-178.29	3.78	---	---	0.02	0.18	0.85	-1424.86	46.79
							10.46	-147.04	0.00	---	---	0.02	0.18	0.85	-1424.86	39.56
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-178.82	4.11	---	---	0.02	0.18	0.85	-1424.86	46.91
							10.46	-147.30	0.39	---	---	0.02	0.18	0.85	-1424.86	39.62
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-181.75	3.86	---	---	0.02	0.18	0.85	-1424.86	47.56
							10.46	-149.48	0.25	---	---	0.02	0.18	0.85	-1424.86	40.13

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{ed} <kN>	Vu <kN>
1	0.00	-626.32	0.00	717.07	53.24	196.76
1	2.04	-729.23	0.00	783.96	87.57	210.55
1	4.07	-474.55	0.00	592.19	46.70	174.44
3	0.00	-505.83	0.00	620.49	23.94	179.27
3	2.04	-596.30	0.00	694.85	47.49	192.55
3	4.07	-399.53	0.00	518.92	17.59	162.28
5	0.00	-669.69	0.00	747.01	60.42	202.68
5	2.04	-772.72	0.00	807.90	87.04	216.11
5	4.07	-483.75	0.00	600.65	58.17	175.87
7	0.00	-586.38	0.00	687.24	37.27	191.14
7	2.04	-677.08	0.00	751.86	46.53	203.68
7	4.07	-416.62	0.00	536.28	38.88	165.13
9	0.00	-588.87	0.00	571.48	4.00	153.10
9	2.04	-700.69	0.00	600.23	6.05	165.86
9	4.07	-466.25	0.00	510.69	2.46	137.76
10	0.00	-581.35	-0.00	568.63	4.00	152.21
10	2.04	-691.87	-0.00	598.89	6.05	164.89
10	4.07	-459.15	-0.00	506.23	2.46	136.82
11	0.00	-574.68	-0.00	566.01	3.04	151.41
11	2.04	-685.22	-0.00	597.77	3.15	164.16
11	4.07	-457.20	-0.00	504.99	3.01	136.56
12	0.00	-595.54	0.00	573.91	3.04	153.89
12	2.04	-707.34	0.00	601.14	3.15	166.59
12	4.07	-468.20	0.00	511.90	3.01	138.02

Fascicolo dei calcoli

1	4.07	-428.47	0.00	537.71	53.04	146.63
1	6.33	-374.68	0.00	485.02	57.30	138.60
1	8.58	-265.13	0.00	364.57	26.62	120.61
3	4.07	-363.61	0.00	473.65	24.03	136.89
3	6.33	-321.90	0.00	429.19	21.78	130.25
3	8.58	-236.79	0.00	330.54	8.39	115.50
5	4.07	-440.32	0.00	548.74	59.92	148.34
5	6.33	-364.42	0.00	474.49	71.07	137.02
5	8.58	-239.57	0.00	333.92	35.63	116.01
7	4.07	-385.61	0.00	496.07	36.79	140.27
7	6.33	-302.85	0.00	408.03	47.34	127.09
7	8.58	-189.31	0.00	270.87	25.13	106.39
9	4.07	-424.13	0.00	467.48	2.45	116.13
9	6.33	-363.97	0.00	425.32	1.83	108.53
9	8.58	-255.48	0.00	329.11	0.18	93.27
10	4.07	-420.11	-0.00	464.91	2.45	115.64
10	6.33	-356.85	-0.00	419.81	1.83	107.60
10	8.58	-249.92	-0.00	323.48	0.18	92.42
11	4.07	-417.05	-0.00	462.93	2.46	115.27
11	6.33	-357.46	-0.00	420.29	2.34	107.68
11	8.58	-251.14	-0.00	324.73	1.50	92.61
12	4.07	-427.19	0.00	469.41	2.46	116.51
12	6.33	-363.35	0.00	424.85	2.34	108.45
12	8.58	-254.25	0.00	327.88	1.50	93.09
1	8.58	-212.25	0.00	300.10	19.76	127.20
1	10.46	-163.73	0.00	237.34	34.81	116.02
3	8.58	-188.19	0.00	269.42	5.86	121.79
3	10.46	-145.41	0.00	212.74	24.78	111.51
5	8.58	-192.87	0.00	275.45	27.01	122.86
5	10.46	-151.57	0.00	221.07	25.65	113.05
7	8.58	-152.21	0.00	221.93	19.32	113.21
7	10.46	-122.83	0.00	181.74	7.77	105.69
9	8.58	-182.28	-0.00	249.53	0.26	93.35
9	10.46	-149.74	0.00	210.36	0.96	86.60
10	8.58	-178.29	0.00	244.86	0.26	92.55
10	10.46	-147.04	-0.00	207.01	0.96	86.01
11	8.58	-178.82	-0.00	245.49	1.00	92.66
11	10.46	-147.30	-0.00	207.33	0.59	86.07
12	8.58	-181.75	0.00	248.91	1.00	93.24
12	10.46	-149.48	0.00	210.04	0.59	86.54

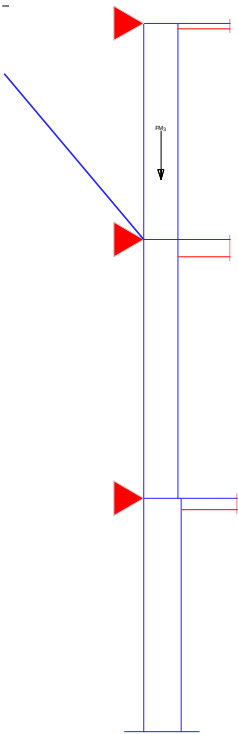
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.50	1.29	2.33
0.00	4.07	8	SLD	0.53	1.36	2.20
4.07	8.58	6	SLD	0.70	1.67	1.80
8.58	12.35	4	SLD	0.35	0.95	3.16

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.89	3.36
4.07	8.58	2	SLD	0.53	1.27	2.37
4.07	8.58	8	SLD	0.56	1.33	2.26
8.58	12.35	6	SLD	0.49	1.33	2.26

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.63	1.64	1.83
4.07	8.58	4	SLD	0.30	0.72	4.15
8.58	12.35	2	SLD	0.50	1.37	2.19
8.58	12.35	8	SLD	0.33	0.89	3.37

Verifiche cinematicismi
Ribalt. a z=8.58

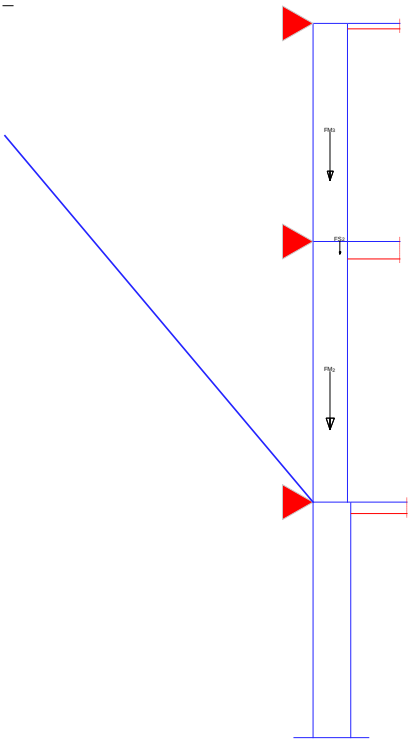


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematicismo $M^*=15204.50$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=120.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0213
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1377

Ribalt. a z=4.07

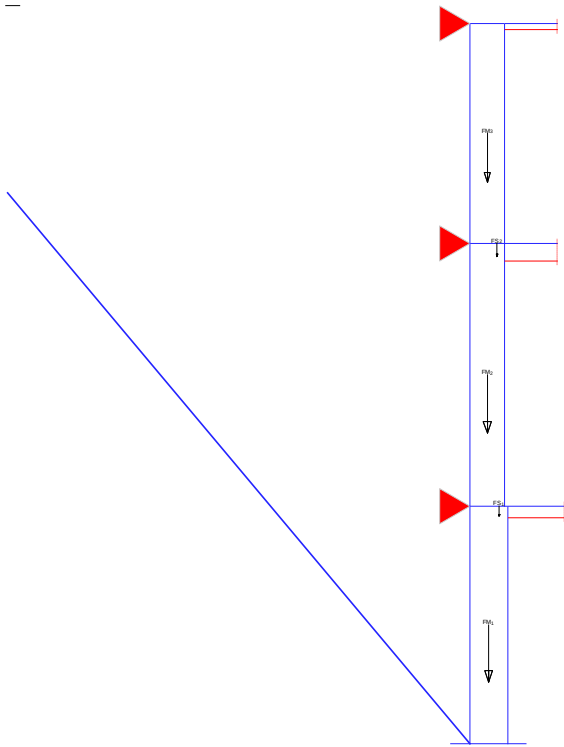


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=30751.10$ <kg>
Frazione di massa partecipante $e^*=0.82$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=154.98$ <mm>
Domanda di spostamento [C8A.4.11]=174.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8858
Domanda di spostamento amplificata [C8A.4.12]=65.03 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.3832

Ribalt. a z=0.00

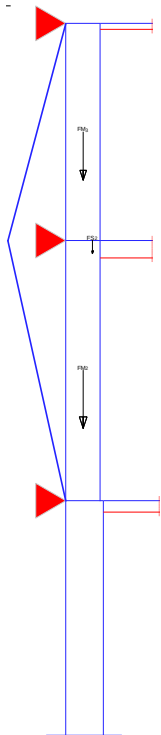


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		174.44	0.00	2.04	Peso maschio piano 1
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3
FS ₁		30.87	0.18	4.07	Peso solaio piano 1
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^{*}=45479.40 <kg>
Frazione di massa partecipante e^{*}=0.78
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=169.65 <mm>
Domanda di spostamento [C8A.4.11]=191.38 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8865

Fless. a z= 8.58 da z= 4.07 a z=12.35

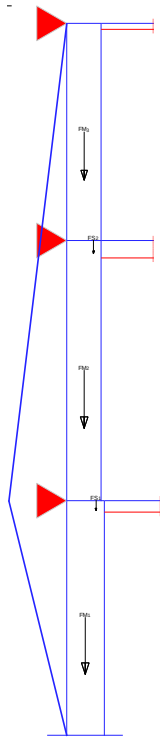


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^{*}=34717.70 <kg>
 Frazione di massa partecipante e^{*}=0.93
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=89.25 <mm>
 Domanda di spostamento [C8A.4.11]=77.54 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1509
 Domanda di spostamento amplificata [C8A.4.12]=86.09 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0367

Fless. a z= 4.07 da z= 0.00 a z=12.35

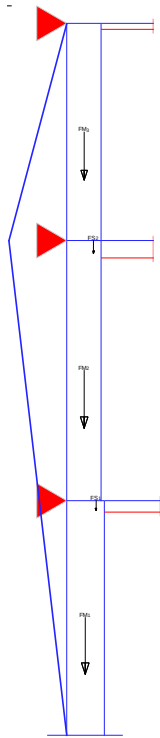


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		174.44	0.00	2.04	Peso maschio piano 1
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3
FS ₁		30.87	0.18	4.07	Peso solaio piano 1
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^*=49605.50$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.40$ <mm>
Domanda di spostamento [C8A.4.11]=75.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4682

Fless. a z= 8.58 da z= 0.00 a z=12.35

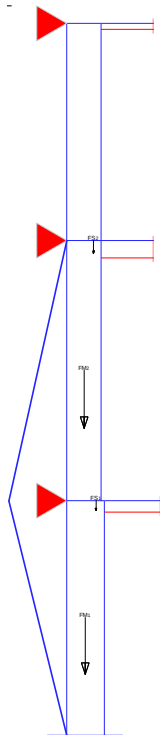


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		174.44	0.00	2.04	Peso maschio piano 1
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FM ₃		149.16	-0.03	10.46	Peso maschio piano 3
FS ₁		30.87	0.18	4.07	Peso solaio piano 1
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^*=48698.60$ <kg>
Frazione di massa partecipante $e^*=0.83$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=121.90$ <mm>
Domanda di spostamento [C8A.4.11]=115.72 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0534

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		174.44	0.00	2.04	Peso maschio piano 1
FM ₂		178.43	-0.03	6.33	Peso maschio piano 2
FS ₁		30.87	0.18	4.07	Peso solaio piano 1
FS ₂		39.75	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=36787.10$ <kg>
 Frazione di massa partecipante $e^*=0.85$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=77.49$ <mm>
 Domanda di spostamento [C8A.4.11]=60.73 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2759

Maschio in muratura ordinaria n. 7

$X_g=10.44$ <m> $Y_g=5.46$ <m> $L=0.95$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{vko} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.15	102	-0.13	121	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	124	0.13										
4.07	8.58	0.15	4.31	0.00	201	-0.04	210	0.04	0.02	0.00	1.00	28.73	3200.00	888.89	1333.33	65.00	27.08	40.63
							213	0.04										
8.58	12.35	0.15	3.57		301	-0.04	310	0.04	0.02	0.00	1.00	23.80	3200.00	888.89	1333.33	65.00	27.08	40.63
							313	0.04										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN_{2sx} <kN>	ΣN_{2dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ_t	Nu <kN>	Mu <kNm>
1							0.00	-336.21	6.55	---	---	---	---	---	-573.00	23.43
							2.04	-209.71	-1.05	---	---	---	---	---	-573.00	26.87
							4.07	-84.78	-2.09	---	---	---	---	---	-573.00	15.76
3							0.00	-292.14	3.07	---	---	---	---	---	-573.00	26.30
							2.04	-191.71	-0.79	---	---	---	---	---	-573.00	26.16
							4.07	-77.12	-0.82	---	---	---	---	---	-573.00	14.60
5							0.00	-301.20	8.95	---	---	---	---	---	-573.00	25.86
							2.04	-198.15	-1.06	---	---	---	---	---	-573.00	26.45
							4.07	-90.84	-2.83	---	---	---	---	---	-573.00	16.63
7							0.00	-227.12	7.53	---	---	---	---	---	-573.00	27.27
							2.04	-170.24	-0.81	---	---	---	---	---	-573.00	24.92
							4.07	-88.37	-2.20	---	---	---	---	---	-573.00	16.28
9	-89.72	0.12	17.54	4.95	-0.01	0.13	0.00	-305.89	4.65	-0.02	0.08	0.08	1.04	0.47	-177.65	3.99
							2.04	-238.57	-0.86	---	---	0.06	0.83	0.53	-202.85	14.24

							4.07	-118.21	-1.05	---	---	0.13	1.67	0.26	-100.51	16.91
10	-89.71	0.12	17.54	4.95	-0.01	0.13	0.00	-295.99	4.51	-0.02	0.08	0.08	1.04	0.46	-177.62	5.89
							2.04	-235.37	-0.87	---	---	0.06	0.83	0.53	-202.85	14.57
							4.07	-118.80	-0.98	---	---	0.13	1.67	0.26	-100.52	16.95
11	-90.20	0.12	17.54	4.95	-0.01	0.13	0.00	-304.85	4.89	-0.02	0.08	0.08	1.05	0.46	-176.00	4.19
							2.04	-238.33	-0.87	---	---	0.06	0.84	0.53	-202.70	14.26
							4.07	-118.92	-1.12	---	---	0.13	1.67	0.26	-100.29	16.96
12	-89.24	0.12	17.54	4.95	-0.01	0.12	0.00	-297.02	4.27	-0.01	0.08	0.08	1.02	0.47	-179.30	5.70
							2.04	-235.61	-0.86	---	---	0.06	0.83	0.53	-203.00	14.54
							4.07	-118.09	-0.91	---	---	0.12	1.67	0.26	-100.75	16.91
1							4.07	-69.96	-0.33	---	---	---	---	---	-191.00	2.99
							6.33	-70.65	0.29	---	---	---	---	---	-191.00	2.99
							8.58	-58.40	-0.08	---	---	---	---	---	-191.00	2.80
3							4.07	-61.80	-0.07	---	---	---	---	---	-191.00	2.87
							6.33	-59.01	0.14	---	---	---	---	---	-191.00	2.82
							8.58	-50.49	-0.02	---	---	---	---	---	-191.00	2.61
5							4.07	-74.71	-0.49	---	---	---	---	---	-191.00	3.02
							6.33	-70.15	0.34	---	---	---	---	---	-191.00	2.99
							8.58	-45.77	-0.12	---	---	---	---	---	-191.00	2.47
7							4.07	-70.62	-0.37	---	---	---	---	---	-191.00	2.99
							6.33	-58.07	0.23	---	---	---	---	---	-191.00	2.80
							8.58	-27.05	-0.10	---	---	---	---	---	-191.00	1.69
9	-40.32	0.00	0.00	4.95	0.00	0.03	4.07	-89.72	0.06	-0.00	0.01	0.02	0.86	---	---	1.15
							6.33	-63.55	0.02	---	---	0.02	0.86	---	---	1.97
							8.58	-32.03	-0.00	---	---	0.03	1.05	---	---	1.69
10	-42.36	0.00	0.00	4.95	0.00	0.03	4.07	-89.71	0.05	-0.00	0.01	0.02	0.86	---	---	1.15
							6.33	-65.00	0.03	---	---	0.02	0.86	---	---	1.95
							8.58	-34.00	-0.00	---	---	0.03	1.04	---	---	1.75
11	-40.87	0.00	0.00	4.95	0.00	0.03	4.07	-90.20	0.07	-0.00	0.01	0.02	0.86	---	---	1.13
							6.33	-63.31	0.03	---	---	0.02	0.86	---	---	1.97
							8.58	-32.34	-0.00	---	---	0.03	1.04	---	---	1.70
12	-41.80	0.00	0.00	4.95	0.00	0.03	4.07	-89.24	0.03	-0.00	0.01	0.02	0.86	---	---	1.17
							6.33	-65.25	0.03	---	---	0.02	0.86	---	---	1.94
							8.58	-33.68	-0.01	---	---	0.03	1.04	---	---	1.74
1							8.58	-66.48	-0.26	---	---	---	---	---	-191.00	2.94
							10.46	-28.08	0.32	---	---	---	---	---	-191.00	1.74
3							8.58	-61.58	-0.00	---	---	---	---	---	-191.00	2.87
							10.46	-22.13	0.06	---	---	---	---	---	-191.00	1.43
5							8.58	-47.54	-0.49	---	---	---	---	---	-191.00	2.52
							10.46	-33.72	0.48	---	---	---	---	---	-191.00	2.00
7							8.58	-26.42	-0.44	---	---	---	---	---	-191.00	1.66
							10.46	-32.61	0.36	---	---	---	---	---	-191.00	1.95
9	0.00	0.00	0.00	4.95	0.04	0.06	8.58	-40.32	-0.00	---	---	0.02	0.71	---	---	1.90
							10.46	-36.63	-0.05	---	---	0.03	1.20	---	---	1.82
10	0.00	0.00	0.00	4.95	0.04	0.06	8.58	-42.36	0.00	---	---	0.02	0.71	---	---	1.93
							10.46	-36.73	-0.05	---	---	0.03	1.20	---	---	1.82
11	0.00	0.00	0.00	4.95	0.04	0.06	8.58	-40.87	0.02	---	---	0.02	0.71	---	---	1.91
							10.46	-36.23	-0.05	---	---	0.03	1.20	---	---	1.81
12	0.00	0.00	0.00	4.95	0.04	0.06	8.58	-41.80	-0.02	---	---	0.02	0.71	---	---	1.92
							10.46	-37.13	-0.05	---	---	0.03	1.20	---	---	1.83

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-336.21	0.00	49.72	107.58	52.39
1	2.04	-209.71	0.00	57.02	100.43	41.98
1	4.07	-84.78	0.00	33.44	40.42	28.17
3	0.00	-292.14	0.00	55.82	97.44	49.01
3	2.04	-191.71	0.00	55.51	83.22	40.29
3	4.07	-77.12	0.00	30.99	25.49	27.09
5	0.00	-301.20	0.00	54.88	47.65	49.72
5	2.04	-198.15	0.00	56.12	56.23	40.90
5	4.07	-90.84	0.00	35.29	34.77	28.99
7	0.00	-227.12	0.00	57.88	13.85	43.56
7	2.04	-170.24	0.00	52.88	1.14	38.16
7	4.07	-88.37	0.00	34.54	15.00	28.66
9	0.00	-305.89	-0.00	8.46	4.80	40.53
9	2.04	-238.57	-0.00	30.22	4.34	35.98
9	4.07	-118.21	0.00	35.90	1.40	25.92
10	0.00	-295.99	0.00	12.50	4.80	39.89
10	2.04	-235.37	0.00	30.92	4.34	35.75
10	4.07	-118.80	-0.00	35.97	1.40	25.98
11	0.00	-304.85	-0.00	8.90	0.58	40.46
11	2.04	-238.33	-0.00	30.27	1.21	35.96
11	4.07	-118.92	-0.00	35.99	1.05	25.99
12	0.00	-297.02	0.00	12.09	0.58	39.96
12	2.04	-235.61	0.00	30.87	1.21	35.76
12	4.07	-118.09	0.00	35.88	1.05	25.91

1	4.07	-69.96	0.00	19.01	61.22	14.00
1	6.33	-70.65	0.00	19.05	43.09	14.06
1	8.58	-58.40	0.00	17.85	25.81	12.89
3	4.07	-61.80	0.00	18.28	51.39	13.22
3	6.33	-59.01	0.00	17.94	35.31	12.95
3	8.58	-50.49	0.00	16.61	23.64	12.07
5	4.07	-74.71	0.00	19.26	33.27	14.43
5	6.33	-70.15	0.00	19.02	24.72	14.02
5	8.58	-45.77	0.00	15.69	11.02	11.55
7	4.07	-70.62	0.00	19.05	0.52	14.06
7	6.33	-58.07	-0.00	17.81	1.20	12.85
7	8.58	-27.05	0.00	10.76	3.81	9.22
9	4.07	-89.72	-0.00	7.33	2.07	12.70
9	6.33	-63.55	0.00	12.53	1.43	10.78
9	8.58	-32.03	0.00	10.77	0.84	7.87
10	4.07	-89.71	0.00	7.33	2.07	12.70
10	6.33	-65.00	-0.00	12.40	1.43	10.90
10	8.58	-34.00	-0.00	11.13	0.84	8.08
11	4.07	-90.20	-0.00	7.18	0.65	12.74
11	6.33	-63.31	0.00	12.55	0.48	10.76
11	8.58	-32.34	0.00	10.83	0.16	7.90
12	4.07	-89.24	0.00	7.48	0.65	12.67
12	6.33	-65.25	-0.00	12.37	0.48	10.92
12	8.58	-33.68	-0.00	11.08	0.16	8.05
1	8.58	-66.48	0.00	18.74	30.99	13.67
1	10.46	-28.08	0.00	11.09	11.32	9.36
3	8.58	-61.58	0.00	18.25	28.67	13.20
3	10.46	-22.13	-0.00	9.13	9.51	8.50
5	8.58	-47.54	0.00	16.05	12.82	11.75
5	10.46	-33.72	0.00	12.76	6.13	10.11
7	8.58	-26.42	0.00	10.56	5.07	9.13
7	10.46	-32.61	0.00	12.44	0.11	9.97
9	8.58	-40.32	0.00	12.08	0.89	8.73
9	10.46	-36.63	0.00	11.57	0.25	8.36
10	8.58	-42.36	-0.00	12.31	0.89	8.93
10	10.46	-36.73	-0.00	11.59	0.25	8.37
11	8.58	-40.87	0.00	12.15	0.12	8.78
11	10.46	-36.23	0.00	11.51	0.00	8.32
12	8.58	-41.80	-0.00	12.25	0.12	8.88
12	10.46	-37.13	-0.00	11.65	0.00	8.41

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.64	1.64	1.82	0.00	4.07	4	SLD	0.57	1.48	2.03	0.00	4.07	6	SLD	0.55	1.43	2.10
0.00	4.07	8	SLD	0.48	1.24	2.43	4.07	8.58	2	SLD	0.95	2.20	1.36	4.07	8.58	4	SLD	0.88	2.05	1.46
4.07	8.58	6	SLD	0.78	1.82	1.65	4.07	8.58	8	SLD	0.69	1.61	1.86	8.58	12.35	2	SLD	0.49	1.36	2.21
8.58	12.35	4	SLD	0.46	1.29	2.33	8.58	12.35	6	SLD	0.50	1.41	2.13	8.58	12.35	8	SLD	0.48	1.33	2.25

Maschio in muratura ordinaria n. 8

Xg=9.49 <m> Yg=5.46 <m> L=0.95 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d1 <m>	Ssx	d2 <m>	Sdx	d2 <m>	ea <m>	a <m>	ρ	λ	Fk <kN/mq>	Fd SLU <kN/mq>	Fd SLV <kN/mq>	Fvko <kN/mq>	Ftd SLU <kN/mq>	Ftd SLV <kN/mq>
0.00	4.07	0.45	3.87	0.15	102	-0.13	121	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	124	0.13										
4.07	8.58	0.15	4.31		201	-0.04	210	0.04	0.02	0.00	1.00	28.73	3200.00	888.89	1333.33	65.00	27.08	40.63
							213	0.04										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	es1 <m>	ΣN2sx <kN>	ΣN2dx <kN>	es2 <m>	e1 <m>	Zv <m>	N <kN>	Mv <kNm>	ev <m>	e2 <m>	e <m>	m	Φt	Nu <kN>	Mu <kNm>
1							0.00	-148.43	5.82	---	---	---	---	---	-573.00	23.22
							2.04	-157.01	-0.99	---	---	---	---	---	-573.00	23.94
							4.07	-88.68	-2.54	---	---	---	---	---	-573.00	16.32
3							0.00	-137.28	2.00	---	---	---	---	---	-573.00	22.18
							2.04	-148.07	-0.32	---	---	---	---	---	-573.00	23.19
							4.07	-87.25	-0.36	---	---	---	---	---	-573.00	16.11
5							0.00	-149.69	8.89	---	---	---	---	---	-573.00	23.33
							2.04	-144.95	-1.52	---	---	---	---	---	-573.00	22.91
							4.07	-85.47	-4.68	---	---	---	---	---	-573.00	15.86
7							0.00	-139.63	7.71	---	---	---	---	---	-573.00	22.41
							2.04	-125.68	-1.30	---	---	---	---	---	-573.00	20.98
							4.07	-81.27	-4.34	---	---	---	---	---	-573.00	15.23

9	-90.44	0.12	17.56	4.83	-0.01	0.13	0.00	-191.27	3.84	-0.02	0.08	0.08	1.10	0.44	-168.78	17.68
							2.04	-186.18	-0.58	---	---	0.06	0.84	0.53	-202.66	17.87
							4.07	-125.38	-1.70	---	---	0.13	1.67	0.26	-100.23	17.32
10	-91.01	0.12	17.56	4.83	-0.01	0.13	0.00	-190.48	3.74	-0.02	0.08	0.08	1.10	0.44	-169.43	17.72
							2.04	-184.00	-0.64	---	---	0.06	0.84	0.53	-202.48	17.94
							4.07	-124.86	-1.69	---	---	0.13	1.67	0.26	-99.96	17.29
11	-90.74	0.12	17.56	4.83	-0.01	0.13	0.00	-191.78	4.12	-0.02	0.08	0.08	1.12	0.44	-166.22	17.66
							2.04	-185.79	-0.68	---	---	0.06	0.84	0.53	-202.56	17.88
							4.07	-125.04	-1.86	---	---	0.13	1.67	0.26	-100.09	17.30
12	-90.71	0.12	17.56	4.83	-0.01	0.13	0.00	-189.97	3.46	-0.02	0.08	0.08	1.08	0.45	-172.00	17.74
							2.04	-184.38	-0.54	---	---	0.06	0.84	0.53	-202.57	17.93
							4.07	-125.21	-1.54	---	---	0.13	1.67	0.26	-100.11	17.31
1							4.07	-67.09	0.44	---	---	---	---	---	-191.00	2.95
							6.33	-46.69	-0.23	---	---	---	---	---	-191.00	2.49
3							4.07	-65.92	-0.01	---	---	---	---	---	-191.00	2.94
							6.33	-42.82	0.02	---	---	---	---	---	-191.00	2.36
5							4.07	-64.48	0.86	---	---	---	---	---	-191.00	2.92
							6.33	-47.71	-0.46	---	---	---	---	---	-191.00	2.53
7							4.07	-61.07	0.76	---	---	---	---	---	-191.00	2.86
							6.33	-44.71	-0.40	---	---	---	---	---	-191.00	2.43
9	0.00	0.00	0.00	4.83	0.04	0.06	4.07	-90.44	0.17	-0.00	0.03	0.03	1.35	---	---	1.11
							6.33	-59.94	-0.05	---	---	0.03	1.27	---	---	2.01
10	0.00	0.00	0.00	4.83	0.04	0.06	4.07	-91.01	0.18	-0.00	0.03	0.03	1.35	---	---	1.09
							6.33	-60.24	-0.05	---	---	0.03	1.27	---	---	2.00
11	0.00	0.00	0.00	4.83	0.04	0.06	4.07	-90.74	0.21	-0.00	0.03	0.03	1.36	---	---	1.10
							6.33	-59.78	-0.07	---	---	0.03	1.27	---	---	2.01
12	0.00	0.00	0.00	4.83	0.04	0.06	4.07	-90.71	0.15	-0.00	0.03	0.03	1.34	---	---	1.10
							6.33	-60.40	-0.03	---	---	0.03	1.27	---	---	2.00

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-148.43	0.00	49.28	103.97	35.88
1	2.04	-157.01	0.00	50.80	117.36	36.79
1	4.07	-88.68	0.00	34.64	68.53	28.70
3	0.00	-137.28	0.00	47.08	96.65	34.65
3	2.04	-148.07	0.00	49.21	106.77	35.84
3	4.07	-87.25	0.00	34.20	53.82	28.50
5	0.00	-149.69	0.00	49.51	42.29	36.01
5	2.04	-144.95	0.00	48.62	51.28	35.50
5	4.07	-85.47	0.00	33.65	42.86	28.26
7	0.00	-139.63	0.00	47.56	17.89	34.91
7	2.04	-125.68	0.00	44.53	15.96	33.33
7	4.07	-81.27	0.00	32.33	6.15	27.68
9	0.00	-191.27	-0.00	37.53	4.74	32.40
9	2.04	-186.18	-0.00	37.93	5.20	31.99
9	4.07	-125.38	-0.00	36.75	2.58	26.62
10	0.00	-190.48	0.00	37.60	4.74	32.33
10	2.04	-184.00	0.00	38.07	5.20	31.81
10	4.07	-124.86	0.00	36.69	2.58	26.57
11	0.00	-191.78	-0.00	37.49	0.19	32.44
11	2.04	-185.79	-0.00	37.95	0.40	31.96
11	4.07	-125.04	0.00	36.71	1.02	26.59
12	0.00	-189.97	0.00	37.64	0.19	32.29
12	2.04	-184.38	0.00	38.05	0.40	31.84
12	4.07	-125.21	-0.00	36.73	1.02	26.61
1	4.07	-67.09	0.00	18.80	58.32	13.73
1	6.33	-46.69	0.00	15.88	50.88	11.65
3	4.07	-65.92	0.00	18.70	50.66	13.62
3	6.33	-42.82	0.00	15.05	45.81	11.22
5	4.07	-64.48	0.00	18.56	29.12	13.48
5	6.33	-47.71	0.00	16.09	22.94	11.77
7	4.07	-61.07	0.00	18.19	3.58	13.15
7	6.33	-44.71	0.00	15.47	6.07	11.43
9	4.07	-90.44	0.00	7.10	1.97	12.75
9	6.33	-59.94	0.00	12.77	1.66	10.49
10	4.07	-91.01	-0.00	6.91	1.97	12.79
10	6.33	-60.24	-0.00	12.75	1.66	10.52
11	4.07	-90.74	-0.00	7.00	0.50	12.77
11	6.33	-59.78	0.00	12.78	0.27	10.48
12	4.07	-90.71	0.00	7.01	0.50	12.77
12	6.33	-60.40	-0.00	12.75	0.27	10.53

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.

0.00	4.07	2	SLD	0.67	1.72	1.74	0.00	4.07	4	SLD	0.61	1.57	1.92	0.00	4.07	6	SLD	0.58	1.50	2.00
0.00	4.07	8	SLD	0.51	1.32	2.27	4.07	8.58	2	SLD	0.87	2.01	1.49	4.07	8.58	4	SLD	0.80	1.86	1.61
4.07	8.58	6	SLD	0.80	1.85	1.63	4.07	8.58	8	SLD	0.73	1.70	1.77							

Maschio in muratura ordinaria n. 9

Xg=8.71 <m> Yg=5.46 <m> L=0.60 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d1 <m>	Ssx	d2 <m>	Sdx	d2 <m>	ea <m>	a <m>	ρ	λ	Fk <kN/mq>	Fd slU <kN/mq>	Fd slV <kN/mq>	Fvko <kN/mq>	Ftd slU <kN/mq>	Ftd slV <kN/mq>
0.00	4.07	0.45	3.87	0.15	102	-0.13	120	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	123	0.13										
4.07	8.58	0.15	4.31	0.00	201	-0.04	209	0.04	0.02	0.00	1.00	28.73	3200.00	888.89	1333.33	65.00	27.08	40.63
							212	0.04										
8.58	12.35	0.15	3.57		301	-0.04	309	0.04	0.02	0.00	1.00	23.80	3200.00	888.89	1333.33	65.00	27.08	40.63
							312	0.04										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	es1 <m>	ΣN2sx <kN>	ΣN2dx <kN>	es2 <m>	e1 <m>	Zv <m>	N <kN>	Mv <kNm>	ev <m>	e2 <m>	e <m>	m	Φt	Nu <kN>	Mu <kNm>
1							0.00	-74.63	2.74	---	---	---	---	---	-360.00	12.70
							2.04	-70.70	-1.13	---	---	---	---	---	-360.00	12.23
							4.07	-49.68	-2.30	---	---	---	---	---	-360.00	9.36
3							0.00	-73.42	0.35	---	---	---	---	---	-360.00	12.56
							2.04	-70.13	-0.48	---	---	---	---	---	-360.00	12.16
							4.07	-48.47	-1.04	---	---	---	---	---	-360.00	9.18
5							0.00	-73.17	4.98	---	---	---	---	---	-360.00	12.53
							2.04	-67.64	-1.42	---	---	---	---	---	-360.00	11.85
							4.07	-48.86	-2.98	---	---	---	---	---	-360.00	9.24
7							0.00	-70.72	4.51	---	---	---	---	---	-360.00	12.23
							2.04	-64.43	-1.03	---	---	---	---	---	-360.00	11.44
							4.07	-46.95	-2.31	---	---	---	---	---	-360.00	8.94
9	-58.59	0.12	11.03	3.00	-0.01	0.13	0.00	-104.55	1.61	-0.02	0.08	0.08	1.05	0.46	-110.64	11.47
							2.04	-98.69	-0.26	---	---	0.06	0.84	0.53	-126.78	11.46
							4.07	-71.24	-0.98	---	---	0.13	1.69	0.26	-62.16	10.43
10	-58.30	0.12	11.03	3.00	-0.01	0.13	0.00	-104.46	1.58	-0.02	0.08	0.08	1.04	0.46	-111.10	11.47
							2.04	-98.45	-0.33	---	---	0.06	0.84	0.53	-126.87	11.46
							4.07	-71.02	-1.07	---	---	0.13	1.68	0.26	-62.29	10.42
11	-58.49	0.12	11.03	3.00	-0.01	0.13	0.00	-104.59	1.79	-0.02	0.08	0.08	1.07	0.45	-108.80	11.47
							2.04	-98.57	-0.36	---	---	0.06	0.84	0.53	-126.81	11.46
							4.07	-71.01	-1.12	---	---	0.13	1.69	0.26	-62.20	10.42
12	-58.40	0.12	11.03	3.00	-0.01	0.13	0.00	-104.43	1.40	-0.01	0.08	0.08	1.02	0.47	-112.94	11.47
							2.04	-98.57	-0.24	---	---	0.06	0.84	0.53	-126.84	11.46
							4.07	-71.25	-0.93	---	---	0.13	1.68	0.26	-62.25	10.43
1							4.07	-43.08	0.37	---	---	---	---	---	-120.00	1.87
							6.33	-31.83	-0.22	---	---	---	---	---	-120.00	1.64
							8.58	-12.08	0.53	---	---	---	---	---	-120.00	0.80
3							4.07	-42.22	-0.02	---	---	---	---	---	-120.00	1.86
							6.33	-29.85	0.03	---	---	---	---	---	-120.00	1.58
							8.58	-10.31	0.19	---	---	---	---	---	-120.00	0.69
5							4.07	-41.30	0.74	---	---	---	---	---	-120.00	1.84
							6.33	-30.20	-0.45	---	---	---	---	---	-120.00	1.59
							8.58	-13.43	0.68	---	---	---	---	---	-120.00	0.87
7							4.07	-38.91	0.67	---	---	---	---	---	-120.00	1.81
							6.33	-26.81	-0.40	---	---	---	---	---	-120.00	1.48
							8.58	-12.81	0.46	---	---	---	---	---	-120.00	0.84
9	-36.26	0.00	0.00	3.00	0.00	0.02	4.07	-58.59	0.14	-0.00	0.01	0.02	0.86	---	---	0.61
							6.33	-39.10	-0.04	---	---	0.02	0.86	---	---	1.25
							8.58	-16.15	0.01	---	---	0.02	0.99	---	---	0.92
10	-35.78	0.00	0.00	3.00	0.00	0.02	4.07	-58.30	0.14	-0.00	0.01	0.02	0.86	---	---	0.62
							6.33	-38.67	-0.04	---	---	0.02	0.86	---	---	1.25
							8.58	-16.08	0.03	---	---	0.02	0.99	---	---	0.92
11	-35.78	0.00	0.00	3.00	0.00	0.02	4.07	-58.49	0.17	-0.00	0.02	0.02	0.86	---	---	0.61
							6.33	-38.75	-0.06	---	---	0.02	0.86	---	---	1.25
							8.58	-15.98	0.02	---	---	0.02	0.99	---	---	0.92
12	-36.26	0.00	0.00	3.00	0.00	0.02	4.07	-58.40	0.12	-0.00	0.01	0.02	0.86	---	---	0.62
							6.33	-39.02	-0.03	---	---	0.02	0.86	---	---	1.25
							8.58	-16.25	0.01	---	---	0.02	0.99	---	---	0.93
1							8.58	-31.87	0.74	---	---	---	---	---	-120.00	1.64
							10.46	-28.97	0.25	---	---	---	---	---	-120.00	1.56
3							8.58	-28.57	-0.06	---	---	---	---	---	-120.00	1.54
							10.46	-25.67	-0.01	---	---	---	---	---	-120.00	1.44
5							8.58	-30.88	1.45	---	---	---	---	---	-120.00	1.61
							10.46	-27.97	0.47	---	---	---	---	---	-120.00	1.52
7							8.58	-26.73	1.25	---	---	---	---	---	-120.00	1.48
							10.46	-23.82	0.41	---	---	---	---	---	-120.00	1.37
9	0.00	0.00	0.00	3.00	0.04	0.06	8.58	-36.26	0.12	-0.00	0.03	0.03	1.32	---	---	1.27

							10.46	-32.49	-0.01	---	---	0.03	1.20	---	---	1.27
10	0.00	0.00	0.00	3.00	0.04	0.06	8.58	-35.78	0.13	-0.00	0.03	0.03	1.35	---	---	1.27
							10.46	-32.01	-0.02	---	---	0.03	1.20	---	---	1.27
11	0.00	0.00	0.00	3.00	0.04	0.06	8.58	-35.78	0.17	-0.00	0.03	0.03	1.39	---	---	1.27
							10.46	-32.01	-0.03	---	---	0.03	1.20	---	---	1.27
12	0.00	0.00	0.00	3.00	0.04	0.06	8.58	-36.26	0.08	---	---	0.02	0.71	---	---	1.27
							10.46	-32.49	-0.00	---	---	0.03	1.20	---	---	1.27

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-74.63	0.00	16.93	59.01	20.43
1	2.04	-70.70	0.00	16.31	72.29	19.95
1	4.07	-49.68	0.00	12.48	47.08	17.19
3	0.00	-73.42	0.00	16.74	54.18	20.28
3	2.04	-70.13	0.00	16.22	66.97	19.88
3	4.07	-48.47	0.00	12.24	44.78	17.02
5	0.00	-73.17	0.00	16.70	25.03	20.25
5	2.04	-67.64	0.00	15.81	29.76	19.58
5	4.07	-48.86	0.00	12.32	17.62	17.08
7	0.00	-70.72	0.00	16.31	8.93	19.96
7	2.04	-64.43	0.00	15.26	12.03	19.17
7	4.07	-46.95	-0.00	11.92	9.94	16.80
9	0.00	-104.55	0.00	15.29	2.73	19.07
9	2.04	-98.69	0.00	15.28	3.20	18.56
9	4.07	-71.24	0.00	13.91	1.86	15.98
10	0.00	-104.46	0.00	15.29	2.73	19.06
10	2.04	-98.45	0.00	15.28	3.20	18.54
10	4.07	-71.02	0.00	13.89	1.86	15.96
11	0.00	-104.59	0.00	15.29	0.17	19.07
11	2.04	-98.57	0.00	15.28	0.11	18.55
11	4.07	-71.01	0.00	13.89	0.06	15.96
12	0.00	-104.43	0.00	15.29	0.17	19.06
12	2.04	-98.57	0.00	15.28	0.11	18.55
12	4.07	-71.25	0.00	13.91	0.06	15.98
1	4.07	-43.08	0.00	7.47	35.20	8.72
1	6.33	-31.83	0.00	6.57	32.65	7.59
1	8.58	-12.08	0.00	3.19	6.61	5.06
3	4.07	-42.22	0.00	7.42	32.86	8.63
3	6.33	-29.85	0.00	6.33	30.62	7.38
3	8.58	-10.31	-0.00	2.78	5.80	4.76
5	4.07	-41.30	0.00	7.37	14.10	8.55
5	6.33	-30.20	0.00	6.38	12.86	7.42
5	8.58	-13.43	0.00	3.50	3.21	5.27
7	4.07	-38.91	0.00	7.22	6.32	8.32
7	6.33	-26.81	-0.00	5.93	6.12	7.04
7	8.58	-12.81	0.00	3.36	0.52	5.17
9	4.07	-58.59	0.00	2.43	1.22	8.13
9	6.33	-39.10	0.00	4.99	1.07	6.71
9	8.58	-16.15	0.00	3.69	0.22	4.49
10	4.07	-58.30	0.00	2.49	1.22	8.11
10	6.33	-38.67	0.00	5.00	1.07	6.67
10	8.58	-16.08	0.00	3.68	0.22	4.48
11	4.07	-58.49	0.00	2.45	0.11	8.12
11	6.33	-38.75	0.00	5.00	0.08	6.68
11	8.58	-15.98	0.00	3.67	0.05	4.47
12	4.07	-58.40	0.00	2.47	0.11	8.12
12	6.33	-39.02	0.00	4.99	0.08	6.70
12	8.58	-16.25	0.00	3.71	0.05	4.50
1	8.58	-31.87	0.00	6.57	5.71	7.60
1	10.46	-28.97	0.00	6.22	4.74	7.28
3	8.58	-28.57	0.00	6.17	5.36	7.24
3	10.46	-25.67	0.00	5.76	4.40	6.90
5	8.58	-30.88	0.00	6.46	2.24	7.49
5	10.46	-27.97	0.00	6.09	1.94	7.17
7	8.58	-26.73	0.00	5.92	1.08	7.03
7	10.46	-23.82	0.00	5.48	0.80	6.68
9	8.58	-36.26	0.00	5.08	0.16	6.47
9	10.46	-32.49	0.00	5.09	0.13	6.15
10	8.58	-35.78	0.00	5.09	0.16	6.43
10	10.46	-32.01	0.00	5.08	0.13	6.11
11	8.58	-35.78	0.00	5.09	0.01	6.43
11	10.46	-32.01	0.00	5.08	0.01	6.11
12	8.58	-36.26	0.00	5.08	0.01	6.47
12	10.46	-32.49	0.00	5.09	0.01	6.15

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.70	1.81	1.66	0.00	4.07	4	SLD	0.64	1.65	1.82	0.00	4.07	6	SLD	0.62	1.60	1.88
0.00	4.07	8	SLD	0.55	1.43	2.11	4.07	8.58	2	SLD	0.81	1.88	1.60	4.07	8.58	4	SLD	0.75	1.73	1.73
4.07	8.58	6	SLD	0.76	1.76	1.71	4.07	8.58	8	SLD	0.70	1.63	1.85	8.58	12.35	2	SLD	0.57	1.58	1.89
8.58	12.35	4	SLD	0.52	1.45	2.07	8.58	12.35	6	SLD	0.69	1.93	1.55	8.58	12.35	8	SLD	0.65	1.83	1.64

Maschio in muratura ordinaria n. 10

Xg=7.93 <m> Yg=5.46 <m> L=0.97 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{bx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.15	102	-0.13	120	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	123	0.13										
4.07	8.58	0.15	4.31		201	-0.04	209	0.04	0.02	0.00	1.00	28.73	3200.00	888.89	1333.33	65.00	27.08	40.63
							212	0.04										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-156.45	3.98	---	---	---	---	---	-582.00	24.07
							2.04	-117.21	-2.56	---	---	---	---	---	-582.00	20.12
							4.07	-93.68	-3.89	---	---	---	---	---	-582.00	17.09
3							0.00	-152.62	-0.46	---	---	---	---	---	-582.00	23.75
							2.04	-115.89	-1.18	---	---	---	---	---	-582.00	19.97
							4.07	-92.18	-0.38	---	---	---	---	---	-582.00	16.88
5							0.00	-133.72	8.46	---	---	---	---	---	-582.00	21.95
							2.04	-113.38	-3.06	---	---	---	---	---	-582.00	19.66
							4.07	-84.54	-7.12	---	---	---	---	---	-582.00	15.77
7							0.00	-110.41	7.87	---	---	---	---	---	-582.00	19.30
							2.04	-108.79	-2.11	---	---	---	---	---	-582.00	19.10
							4.07	-75.20	-6.37	---	---	---	---	---	-582.00	14.35
9	-92.85	0.12	17.83	4.85	-0.01	0.13	0.00	-167.84	1.95	-0.01	0.07	0.07	0.99	0.48	-186.27	18.55
							2.04	-163.96	-0.49	---	---	0.06	0.84	0.53	-205.54	18.55
							4.07	-121.40	-1.85	---	---	0.13	1.68	0.26	-101.36	17.26
10	-90.80	0.12	17.83	4.85	-0.01	0.12	0.00	-171.48	1.93	---	---	0.02	0.26	0.76	-295.02	18.52
							2.04	-164.78	-0.64	---	---	0.06	0.83	0.53	-206.19	18.55
							4.07	-120.07	-1.99	0.02	0.08	0.08	1.05	0.46	-178.16	17.18
11	-92.00	0.12	17.83	4.85	-0.01	0.13	0.00	-169.72	2.28	-0.01	0.08	0.08	1.02	0.47	-183.41	18.54
							2.04	-164.33	-0.68	---	---	0.06	0.84	0.53	-205.81	18.55
							4.07	-120.72	-2.14	---	---	0.13	1.67	0.26	-101.76	17.22
12	-91.64	0.12	17.83	4.85	-0.01	0.13	0.00	-169.60	1.60	---	---	0.02	0.26	0.76	-295.02	18.54
							2.04	-164.41	-0.45	---	---	0.06	0.84	0.53	-205.92	18.55
							4.07	-120.75	-1.70	0.01	0.08	0.08	1.02	0.47	-182.37	17.22
1							4.07	-85.81	0.71	---	---	---	---	---	-194.00	3.09
							6.33	-69.97	-0.38	---	---	---	---	---	-194.00	3.02
3							4.07	-83.43	0.06	---	---	---	---	---	-194.00	3.09
							6.33	-66.27	0.07	---	---	---	---	---	-194.00	2.97
5							4.07	-71.25	1.23	---	---	---	---	---	-194.00	3.03
							6.33	-56.95	-0.81	---	---	---	---	---	-194.00	2.80
7							4.07	-56.38	1.03	---	---	---	---	---	-194.00	2.78
							6.33	-42.09	-0.72	---	---	---	---	---	-194.00	2.35
9	0.00	0.00	0.00	4.85	0.04	0.06	4.07	-92.85	0.13	-0.00	0.03	0.03	1.33	---	---	1.08
							6.33	-68.76	-0.06	---	---	0.03	1.27	---	---	1.93
10	0.00	0.00	0.00	4.85	0.04	0.06	4.07	-90.80	0.16	-0.00	0.03	0.03	1.34	---	---	1.19
							6.33	-66.87	-0.06	---	---	0.03	1.27	---	---	1.96
11	0.00	0.00	0.00	4.85	0.04	0.06	4.07	-92.00	0.18	-0.00	0.03	0.03	1.35	---	---	1.13
							6.33	-67.60	-0.09	---	---	0.03	1.27	---	---	1.95
12	0.00	0.00	0.00	4.85	0.04	0.06	4.07	-91.64	0.11	-0.00	0.03	0.03	1.32	---	---	1.14
							6.33	-68.04	-0.03	---	---	0.03	1.27	---	---	1.94

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-156.45	0.00	51.88	86.10	37.05
1	2.04	-117.21	0.00	43.38	109.80	32.61
1	4.07	-93.68	0.00	36.83	70.24	29.63
3	0.00	-152.62	0.00	51.18	77.22	36.64
3	2.04	-115.89	0.00	43.04	103.17	32.45
3	4.07	-92.18	0.00	36.38	63.63	29.43
5	0.00	-133.72	0.00	47.32	39.29	34.55
5	2.04	-113.38	0.00	42.39	43.00	32.15
5	4.07	-84.54	0.00	33.99	31.11	28.39
7	0.00	-110.41	-0.00	41.60	9.71	31.78

7	2.04	-108.79	-0.00	41.16	20.89	31.58
7	4.07	-75.20	-0.00	30.93	9.05	27.06
9	0.00	-167.84	-0.00	39.98	4.00	30.72
9	2.04	-163.96	-0.00	39.99	4.88	30.39
9	4.07	-121.40	0.00	37.21	2.68	26.46
10	0.00	-171.48	0.00	39.92	4.00	31.03
10	2.04	-164.78	0.00	39.99	4.88	30.46
10	4.07	-120.07	-0.00	37.03	2.68	26.32
11	0.00	-169.72	0.00	39.95	0.39	30.88
11	2.04	-164.33	-0.00	39.99	0.03	30.42
11	4.07	-120.72	-0.00	37.12	0.31	26.39
12	0.00	-169.60	-0.00	39.96	0.39	30.87
12	2.04	-164.41	0.00	39.99	0.03	30.43
12	4.07	-120.75	0.00	37.12	0.31	26.39
1	4.07	-85.81	0.00	19.96	52.25	15.52
1	6.33	-69.97	0.00	19.54	53.43	14.12
3	4.07	-83.43	0.00	19.99	49.35	15.32
3	6.33	-66.27	0.00	19.22	51.03	13.77
5	4.07	-71.25	0.00	19.63	20.08	14.24
5	6.33	-56.95	0.00	18.08	19.66	12.85
7	4.07	-56.38	-0.00	18.00	10.40	12.79
7	6.33	-42.09	-0.00	15.20	11.67	11.23
9	4.07	-92.85	0.00	7.00	1.79	13.02
9	6.33	-68.76	0.00	12.49	1.80	11.28
10	4.07	-90.80	-0.00	7.67	1.79	12.88
10	6.33	-66.87	-0.00	12.70	1.80	11.14
11	4.07	-92.00	0.00	7.28	0.13	12.96
11	6.33	-67.60	-0.00	12.63	0.05	11.19
12	4.07	-91.64	-0.00	7.39	0.13	12.94
12	6.33	-68.04	0.00	12.58	0.05	11.23

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.74	1.92	1.56	0.00	4.07	4	SLD	0.67	1.74	1.72	0.00	4.07	6	SLD	0.68	1.75	1.72
0.00	4.07	8	SLD	0.60	1.56	1.92	4.07	8.58	2	SLD	0.80	1.85	1.62	4.07	8.58	4	SLD	0.73	1.70	1.76
4.07	8.58	6	SLD	0.79	1.83	1.64	4.07	8.58	8	SLD	0.74	1.72	1.74							

Maschio in muratura ordinaria n. 11

Xg=7.09 <m> Yg=5.46 <m> L=0.71 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.15	102	-0.13	109	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	122	0.13										
4.07	8.58	0.15	4.31	0.00	201	-0.04	208	0.04	0.02	0.00	1.00	28.73	3200.00	888.89	1333.33	65.00	27.08	40.63
							211	0.04										
8.58	12.35	0.15	3.57		301	-0.04	308	0.04	0.02	0.00	1.00	23.80	3200.00	888.89	1333.33	65.00	27.08	40.63
							311	0.04										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-246.65	2.98	---	---	---	---	---	-426.00	17.69
							2.04	-107.31	-2.36	---	---	---	---	---	-426.00	16.99
							4.07	-94.01	-3.26	---	---	---	---	---	-426.00	15.66
3							0.00	-234.09	-0.92	---	---	---	---	---	-426.00	18.62
							2.04	-103.79	-1.10	---	---	---	---	---	-426.00	16.66
							4.07	-90.87	-1.08	---	---	---	---	---	-426.00	15.32
5							0.00	-159.39	6.97	---	---	---	---	---	-426.00	20.08
							2.04	-96.82	-2.75	---	---	---	---	---	-426.00	15.96
							4.07	-62.64	-4.35	---	---	---	---	---	-426.00	11.66
7							0.00	-72.03	6.49	---	---	---	---	---	-426.00	12.98
							2.04	-84.32	-1.83	---	---	---	---	---	-426.00	14.55
							4.07	-32.61	-3.11	---	---	---	---	---	-426.00	6.68
9	-72.82	0.12	13.05	3.33	-0.01	0.13	0.00	-126.01	1.01	-0.01	0.07	0.07	0.96	0.49	-139.30	13.55
							2.04	-126.60	-0.33	---	---	0.06	0.85	0.52	-149.04	13.55
							4.07	-71.39	-0.26	---	---	0.13	1.71	0.25	-72.07	11.31
10	-69.57	0.12	13.05	3.33	-0.01	0.13	0.00	-139.38	1.01	-0.01	0.07	0.07	0.94	0.50	-141.18	13.25
							2.04	-128.18	-0.47	---	---	0.06	0.84	0.53	-149.99	13.53
							4.07	-67.03	-0.43	---	---	0.13	1.69	0.26	-73.49	10.89
11	-71.36	0.12	13.05	3.33	-0.01	0.13	0.00	-133.00	1.30	-0.01	0.07	0.07	0.98	0.48	-137.62	13.44
							2.04	-127.50	-0.50	---	---	0.06	0.85	0.53	-149.46	13.54
							4.07	-69.39	-0.49	---	---	0.13	1.70	0.26	-72.70	11.12

12	-71.03	0.12	13.05	3.33	-0.01	0.13	0.00	-132.39	0.73	-0.01	0.07	0.07	0.92	0.50	-142.90	13.45
							2.04	-127.28	-0.30	---	---	0.06	0.85	0.53	-149.55	13.54
							4.07	-69.03	-0.20	---	---	0.13	1.70	0.26	-72.84	11.09
1							4.07	-87.21	0.46	---	---	---	---	---	-142.00	1.81
							6.33	-55.83	-0.25	---	---	---	---	---	-142.00	2.25
							8.58	-49.73	-0.48	---	---	---	---	---	-142.00	2.19
3							4.07	-84.79	0.04	---	---	---	---	---	-142.00	1.89
							6.33	-52.90	0.03	---	---	---	---	---	-142.00	2.23
							8.58	-45.84	-0.28	---	---	---	---	---	-142.00	2.13
5							4.07	-62.01	0.80	---	---	---	---	---	-142.00	2.26
							6.33	-43.44	-0.51	---	---	---	---	---	-142.00	2.09
							8.58	-37.67	-0.47	---	---	---	---	---	-142.00	1.94
7							4.07	-37.98	0.67	---	---	---	---	---	-142.00	1.95
							6.33	-29.90	-0.45	---	---	---	---	---	-142.00	1.69
							8.58	-23.44	-0.27	---	---	---	---	---	-142.00	1.42
9	-57.79	0.00	0.00	3.33	0.00	0.02	4.07	-72.82	0.09	-0.00	0.01	0.02	0.86	---	---	0.52
							6.33	-51.13	-0.05	---	---	0.02	0.86	---	---	1.40
							8.58	-38.08	0.00	---	---	0.02	0.95	---	---	1.50
10	-54.87	0.00	0.00	3.33	0.00	0.02	4.07	-69.57	0.11	-0.00	0.01	0.02	0.86	---	---	0.71
							6.33	-49.37	-0.05	---	---	0.02	0.86	---	---	1.43
							8.58	-36.52	0.02	---	---	0.02	0.96	---	---	1.50
11	-56.18	0.00	0.00	3.33	0.00	0.02	4.07	-71.36	0.12	-0.00	0.01	0.02	0.86	---	---	0.61
							6.33	-50.08	-0.06	---	---	0.02	0.86	---	---	1.42
							8.58	-37.05	0.01	---	---	0.02	0.96	---	---	1.50
12	-56.48	0.00	0.00	3.33	0.00	0.02	4.07	-71.03	0.08	-0.00	0.01	0.02	0.86	---	---	0.62
							6.33	-50.42	-0.03	---	---	0.02	0.86	---	---	1.41
							8.58	-37.55	0.02	---	---	0.02	0.96	---	---	1.50
1							8.58	-83.35	-0.78	---	---	---	---	---	-142.00	1.93
							10.46	-26.45	-0.43	---	---	---	---	---	-142.00	1.55
3							8.58	-80.35	-0.03	---	---	---	---	---	-142.00	2.01
							10.46	-22.60	-0.09	---	---	---	---	---	-142.00	1.38
5							8.58	-55.09	-1.42	---	---	---	---	---	-142.00	2.25
							10.46	-26.30	-0.66	---	---	---	---	---	-142.00	1.54
7							8.58	-27.87	-1.23	---	---	---	---	---	-142.00	1.61
							10.46	-22.33	-0.52	---	---	---	---	---	-142.00	1.36
9	0.00	0.00	0.00	3.33	0.04	0.06	8.58	-57.79	-0.03	---	---	0.02	0.71	---	---	1.22
							10.46	-29.13	-0.07	0.00	0.03	0.03	1.30	---	---	1.39
10	0.00	0.00	0.00	3.33	0.04	0.06	8.58	-54.87	-0.01	---	---	0.02	0.71	---	---	1.31
							10.46	-28.63	-0.08	0.00	0.03	0.03	1.30	---	---	1.38
11	0.00	0.00	0.00	3.33	0.04	0.06	8.58	-56.18	0.02	---	---	0.02	0.71	---	---	1.27
							10.46	-28.63	-0.08	0.00	0.03	0.03	1.32	---	---	1.38
12	0.00	0.00	0.00	3.33	0.04	0.06	8.58	-56.48	-0.06	---	---	0.02	0.71	---	---	1.26
							10.46	-29.13	-0.06	0.00	0.03	0.03	1.29	---	---	1.39

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-246.65	0.00	27.92	51.19	38.70
1	2.04	-107.31	0.00	26.81	32.23	26.34
1	4.07	-94.01	0.00	24.71	27.49	24.84
3	0.00	-234.09	0.00	29.38	44.95	37.75
3	2.04	-103.79	0.00	26.28	30.63	25.95
3	4.07	-90.87	0.00	24.16	21.23	24.48
5	0.00	-159.39	0.00	31.68	24.82	31.53
5	2.04	-96.82	0.00	25.18	12.09	25.17
5	4.07	-62.64	0.00	18.39	17.75	20.89
7	0.00	-72.03	0.00	20.49	4.03	22.15
7	2.04	-84.32	0.00	22.96	6.76	23.69
7	4.07	-32.61	-0.00	10.53	3.13	16.22
9	0.00	-126.01	-0.00	21.38	2.35	22.76
9	2.04	-126.60	0.00	21.37	1.44	22.81
9	4.07	-71.39	0.00	17.85	0.90	17.54
10	0.00	-139.38	0.00	20.91	2.35	23.86
10	2.04	-128.18	0.00	21.34	1.44	22.94
10	4.07	-67.03	0.00	17.19	0.90	17.06
11	0.00	-133.00	0.00	21.20	0.29	23.34
11	2.04	-127.50	0.00	21.36	0.09	22.88
11	4.07	-69.39	0.00	17.55	0.42	17.32
12	0.00	-132.39	0.00	21.22	0.29	23.29
12	2.04	-127.28	0.00	21.36	0.09	22.86
12	4.07	-69.03	0.00	17.50	0.42	17.28
1	4.07	-87.21	0.00	8.59	37.25	13.27
1	6.33	-55.83	0.00	10.65	39.80	10.75
1	8.58	-49.73	0.00	10.38	18.43	10.20
3	4.07	-84.79	0.00	8.96	34.56	13.09
3	6.33	-52.90	0.00	10.55	38.12	10.49
3	8.58	-45.84	0.00	10.09	15.22	9.82
5	4.07	-62.01	0.00	10.70	15.27	11.29

5	6.33	-43.44	0.00	9.87	14.48	9.58
5	8.58	-37.67	0.00	9.20	10.39	8.99
7	4.07	-37.98	-0.00	9.24	6.28	9.02
7	6.33	-29.90	-0.00	7.98	8.90	8.11
7	8.58	-23.44	-0.00	6.70	0.30	7.31
9	4.07	-72.82	0.00	2.46	1.30	9.85
9	6.33	-51.13	0.00	6.62	1.39	8.32
9	8.58	-38.08	-0.00	7.12	0.58	7.25
10	4.07	-69.57	0.00	3.35	1.30	9.64
10	6.33	-49.37	0.00	6.77	1.39	8.18
10	8.58	-36.52	0.00	7.08	0.58	7.11
11	4.07	-71.36	0.00	2.87	0.21	9.76
11	6.33	-50.08	0.00	6.71	0.11	8.24
11	8.58	-37.05	0.00	7.10	0.19	7.15
12	4.07	-71.03	0.00	2.96	0.21	9.73
12	6.33	-50.42	0.00	6.68	0.11	8.27
12	8.58	-37.55	0.00	7.11	0.19	7.20
1	8.58	-83.35	0.00	9.16	19.32	12.98
1	10.46	-26.45	0.00	7.33	8.55	7.69
3	8.58	-80.35	0.00	9.54	17.95	12.76
3	10.46	-22.60	0.00	6.52	8.15	7.20
5	8.58	-55.09	0.00	10.63	7.87	10.69
5	10.46	-26.30	0.00	7.30	3.17	7.67
7	8.58	-27.87	0.00	7.61	3.31	7.87
7	10.46	-22.33	-0.00	6.46	1.84	7.16
9	8.58	-57.79	0.00	5.78	0.57	8.82
9	10.46	-29.13	0.00	6.60	0.26	6.41
10	8.58	-54.87	-0.00	6.20	0.57	8.60
10	10.46	-28.63	0.00	6.55	0.26	6.36
11	8.58	-56.18	0.00	6.02	0.06	8.70
11	10.46	-28.63	0.00	6.55	0.01	6.36
12	8.58	-56.48	0.00	5.98	0.06	8.72
12	10.46	-29.13	0.00	6.60	0.01	6.41

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.78	2.01	1.49	0.00	4.07	4	SLD	0.71	1.82	1.64	0.00	4.07	6	SLD	0.71	1.84	1.63
0.00	4.07	8	SLD	0.64	1.66	1.81	4.07	8.58	2	SLD	0.81	1.88	1.60	4.07	8.58	4	SLD	0.74	1.71	1.75
4.07	8.58	6	SLD	0.85	1.98	1.52	4.07	8.58	8	SLD	0.81	1.87	1.60	8.58	12.35	2	SLD	0.54	1.50	2.00
8.58	12.35	4	SLD	0.48	1.35	2.22	8.58	12.35	6	SLD	0.71	1.99	1.50	8.58	12.35	8	SLD	0.67	1.87	1.60

Maschio in muratura ordinaria n. 12

Xg=22.00 <m> Yg=5.46 <m> L=3.07 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.03	104	-0.13			0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					119	-0.13												
4.07	8.58	0.45	4.21	0.00	203	-0.13			0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		307	-0.13			0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-625.49	-8.24	---	---	---	---	---	-1842.00	84.51
							2.04	-630.80	-3.16	---	---	---	---	---	-1842.00	84.75
							4.07	-460.19	3.85	---	---	---	---	---	-1842.00	73.11
3							0.00	-604.53	-1.00	---	---	---	---	---	-1842.00	83.50
							2.04	-604.20	-0.57	---	---	---	---	---	-1842.00	83.48
							4.07	-442.89	1.31	---	---	---	---	---	-1842.00	71.46
5							0.00	-635.18	-14.26	---	---	---	---	---	-1842.00	84.94
							2.04	-627.14	-5.18	---	---	---	---	---	-1842.00	84.59
							4.07	-424.56	5.25	---	---	---	---	---	-1842.00	69.62
7							0.00	-622.53	-12.18	---	---	---	---	---	-1842.00	84.38
							2.04	-597.40	-4.31	---	---	---	---	---	-1842.00	83.13
							4.07	-376.71	3.92	---	---	---	---	---	-1842.00	64.37
9	-454.87	0.03	55.56	0.00	-0.01	0.03	0.00	-857.26	-0.37	---	---	0.02	0.26	0.76	-933.72	34.47
							2.04	-832.47	-0.01	---	---	0.02	0.26	0.76	-933.72	37.92
							4.07	-561.47	0.70	-0.00	0.02	0.02	0.26	0.76	-933.72	58.38
10	-448.10	0.03	55.56	0.00	-0.01	0.03	0.00	-854.83	-0.41	---	---	0.02	0.26	0.76	-933.72	34.82
							2.04	-825.81	0.00	---	---	0.02	0.26	0.76	-933.72	38.80
							4.07	-552.04	0.80	-0.00	0.02	0.02	0.26	0.76	-933.72	58.52
11	-451.66	0.03	55.56	0.00	-0.01	0.03	0.00	-857.39	0.39	---	---	0.02	0.26	0.76	-933.72	34.45

							2.04	-830.80	0.05	---	---	0.02	0.26	0.76	-933.72	38.15
							4.07	-557.59	0.56	-0.00	0.02	0.02	0.26	0.76	-933.72	58.44
12	-451.31	0.03	55.56	0.00	-0.01	0.03	0.00	-854.70	-1.17	0.00	0.02	0.02	0.26	0.76	-933.72	34.84
							2.04	-827.48	-0.06	---	---	0.02	0.26	0.76	-933.72	38.59
							4.07	-555.91	0.94	---	---	0.03	0.43	0.67	-826.92	58.46
1							4.07	-369.64	3.95	---	---	---	---	---	-1842.00	63.53
							6.33	-292.81	3.12	---	---	---	---	---	-1842.00	53.56
							8.58	-267.50	-5.00	---	---	---	---	---	-1842.00	49.90
3							4.07	-362.06	1.49	---	---	---	---	---	-1842.00	62.63
							6.33	-270.58	0.99	---	---	---	---	---	-1842.00	50.36
							8.58	-231.47	-1.29	---	---	---	---	---	-1842.00	44.38
5							4.07	-339.04	5.16	---	---	---	---	---	-1842.00	59.77
							6.33	-305.49	4.29	---	---	---	---	---	-1842.00	55.32
							8.58	-298.78	-7.14	---	---	---	---	---	-1842.00	54.40
7							4.07	-305.24	3.73	---	---	---	---	---	-1842.00	55.29
							6.33	-294.14	3.18	---	---	---	---	---	-1842.00	53.75
							8.58	-289.56	-5.26	---	---	---	---	---	-1842.00	53.10
9	-242.86	0.00	84.07	0.00	-0.03	0.05	4.07	-454.87	0.73	-0.00	0.03	0.03	0.38	0.68	-840.36	57.75
							6.33	-387.83	0.04	---	---	0.03	0.36	0.70	-853.57	54.84
							8.58	-352.37	-0.03	---	---	0.05	0.71	0.55	-681.34	52.52
10	-242.49	0.00	84.07	0.00	-0.03	0.05	4.07	-448.10	0.86	-0.00	0.03	0.03	0.38	0.68	-837.64	57.54
							6.33	-385.69	-0.01	---	---	0.03	0.36	0.69	-853.42	54.71
							8.58	-352.48	-0.12	---	---	0.05	0.71	0.55	-681.15	52.53
11	-239.42	0.00	84.07	0.00	-0.03	0.05	4.07	-451.66	0.67	-0.00	0.03	0.03	0.38	0.68	-840.00	57.65
							6.33	-384.81	-0.16	---	---	0.03	0.36	0.69	-852.15	54.66
							8.58	-349.66	-0.38	---	---	0.05	0.72	0.55	-679.53	52.32
12	-245.94	0.00	84.07	0.00	-0.03	0.05	4.07	-451.31	0.92	-0.00	0.03	0.03	0.38	0.68	-837.99	57.64
							6.33	-388.72	0.19	---	---	0.03	0.35	0.70	-854.82	54.89
							8.58	-355.19	0.22	---	---	0.05	0.71	0.56	-682.92	52.72
1							8.58	-215.74	-7.12	---	---	---	---	---	-1842.00	41.85
							10.46	-202.13	6.62	---	---	---	---	---	-1842.00	39.61
3							8.58	-172.23	-1.20	---	---	---	---	---	-1842.00	34.49
							10.46	-163.57	0.56	---	---	---	---	---	-1842.00	32.96
5							8.58	-255.10	-11.13	---	---	---	---	---	-1842.00	48.05
							10.46	-219.84	11.41	---	---	---	---	---	-1842.00	42.52
7							8.58	-245.33	-8.65	---	---	---	---	---	-1842.00	46.55
							10.46	-196.46	9.46	---	---	---	---	---	-1842.00	38.66
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-242.86	0.15	---	---	0.02	0.24	0.78	-953.47	41.93
							10.46	-204.88	0.94	-0.00	0.01	0.02	0.24	0.78	-953.47	37.05
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-242.49	0.08	---	---	0.02	0.24	0.78	-953.47	41.89
							10.46	-202.36	0.93	-0.00	0.01	0.02	0.24	0.78	-953.47	36.70
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-239.42	-0.33	---	---	0.02	0.24	0.78	-953.47	41.51
							10.46	-200.63	0.55	-0.00	0.01	0.02	0.24	0.78	-953.47	36.46
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-245.94	0.56	---	---	0.02	0.24	0.78	-953.47	42.30
							10.46	-206.62	1.32	-0.01	0.02	0.02	0.24	0.78	-953.47	37.29

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _r <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-625.49	0.00	576.56	183.59	155.16
1	2.04	-630.80	0.00	578.17	179.57	155.76
1	4.07	-460.19	0.00	498.77	142.96	135.04
3	0.00	-604.53	-0.00	569.66	159.93	152.75
3	2.04	-604.20	0.00	569.55	154.47	152.71
3	4.07	-442.89	0.00	487.53	122.53	132.76
5	0.00	-635.18	0.00	579.46	90.96	156.25
5	2.04	-627.14	0.00	577.07	91.94	155.34
5	4.07	-424.56	0.00	474.98	73.88	130.29
7	0.00	-622.53	0.00	575.64	12.09	154.82
7	2.04	-597.40	0.00	567.12	8.27	151.93
7	4.07	-376.71	0.00	439.12	5.77	123.64
9	0.00	-857.26	-0.00	235.16	10.26	145.14
9	2.04	-832.47	-0.00	258.72	9.74	143.12
9	4.07	-561.47	-0.00	398.26	6.57	118.75
10	0.00	-854.83	0.00	237.56	10.26	144.94
10	2.04	-825.81	0.00	264.73	9.74	142.57
10	4.07	-552.04	0.00	399.22	6.57	117.81
11	0.00	-857.39	-0.00	235.03	1.16	145.15
11	2.04	-830.80	-0.00	260.24	1.30	142.98
11	4.07	-557.59	-0.00	398.69	1.17	118.36
12	0.00	-854.70	0.00	237.68	1.16	144.93
12	2.04	-827.48	0.00	263.24	1.30	142.70
12	4.07	-555.91	0.00	398.86	1.17	118.20
1	4.07	-369.64	0.00	433.44	170.25	112.72
1	6.33	-292.81	0.00	365.40	147.82	102.05
1	8.58	-267.50	0.00	340.46	104.19	98.28
3	4.07	-362.06	0.00	427.25	156.70	111.72
3	6.33	-270.58	0.00	343.56	135.15	98.74

3	8.58	-231.47	-0.00	302.78	81.65	92.64
5	4.07	-339.04	0.00	407.74	71.63	108.60
5	6.33	-305.49	0.00	377.43	63.57	103.88
5	8.58	-298.78	0.00	371.11	65.44	102.92
7	4.07	-305.24	0.00	377.20	26.45	103.85
7	6.33	-294.14	0.00	366.68	21.32	102.24
7	8.58	-289.56	0.00	362.28	9.68	101.57
9	4.07	-454.87	-0.00	393.95	7.09	98.97
9	6.33	-387.83	-0.00	374.13	5.48	91.98
9	8.58	-352.37	0.00	358.29	3.59	88.06
10	4.07	-448.10	0.00	392.55	7.09	98.28
10	6.33	-385.69	0.00	373.27	5.48	91.75
10	8.58	-352.48	-0.00	358.35	3.59	88.08
11	4.07	-451.66	-0.00	393.30	0.71	98.64
11	6.33	-384.81	-0.00	372.92	0.66	91.65
11	8.58	-349.66	0.00	356.93	1.54	87.76
12	4.07	-451.31	0.00	393.23	0.71	98.61
12	6.33	-388.72	0.00	374.48	0.66	92.08
12	8.58	-355.19	-0.00	359.69	1.54	88.38
1	8.58	-215.74	0.00	285.53	94.90	103.33
1	10.46	-202.13	0.00	270.21	74.74	100.71
3	8.58	-172.23	0.00	235.30	78.99	94.70
3	10.46	-163.57	0.00	224.85	61.48	92.89
5	8.58	-255.10	0.00	327.77	52.59	110.56
5	10.46	-219.84	0.00	290.07	42.53	104.11
7	8.58	-245.33	0.00	317.57	0.43	108.81
7	10.46	-196.46	0.00	263.73	1.66	99.60
9	8.58	-242.86	-0.00	286.05	2.95	85.66
9	10.46	-204.88	-0.00	252.77	2.21	79.65
10	8.58	-242.49	0.00	285.75	2.95	85.61
10	10.46	-202.36	0.00	250.40	2.21	79.23
11	8.58	-239.42	0.00	283.21	0.98	85.13
11	10.46	-200.63	0.00	248.77	0.75	78.95
12	8.58	-245.94	-0.00	288.56	0.98	86.13
12	10.46	-206.62	-0.00	254.38	0.75	79.93

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.69	1.78	1.69	0.00	4.07	4	SLD	0.60	1.56	1.93	0.00	4.07	6	SLD	0.66	1.71	1.75
0.00	4.07	8	SLD	0.59	1.51	1.98	4.07	8.58	2	SLD	0.75	1.79	1.68	4.07	8.58	4	SLD	0.59	1.39	2.16
4.07	8.58	6	SLD	0.85	2.03	1.48	4.07	8.58	8	SLD	0.70	1.66	1.80	8.58	12.35	2	SLD	0.42	1.14	2.64
8.58	12.35	4	SLD	0.39	1.07	2.81	8.58	12.35	6	SLD	0.37	1.01	2.96	8.58	12.35	8	SLD	0.33	0.91	3.30

Maschio in muratura ordinaria n. 13

Xg=19.24 <m> Yg=5.49 <m> L=0.42 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.32	3.87		103	-0.09	106	0.09	0.02	0.00	1.00	12.09	3200.00	888.89	1333.33	65.00	27.08	40.63
					116	-0.09												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-63.08	-0.65	---	---	---	---	---	-179.20	5.91
							2.04	-59.98	-0.41	---	---	---	---	---	-179.20	5.82
3							0.00	-45.32	-0.01	---	---	---	---	---	-179.20	5.09
							2.04	-51.87	-0.29	---	---	---	---	---	-179.20	5.47
5							0.00	-77.09	-1.22	---	---	---	---	---	-179.20	6.09
							2.04	-64.28	-0.45	---	---	---	---	---	-179.20	5.94
7							0.00	-71.34	-1.08	---	---	---	---	---	-179.20	6.07
							2.04	-59.84	-0.35	---	---	---	---	---	-179.20	5.81
9	0.00	0.00	7.03	4.40	-0.02	0.04	0.00	-71.36	0.05	---	---	0.02	0.36	0.62	-74.02	3.39
							2.04	-72.12	-0.34	0.00	0.02	0.02	0.46	0.57	-68.47	3.34
10	0.00	0.00	7.03	4.40	-0.02	0.04	0.00	-69.72	0.05	---	---	0.02	0.36	0.62	-74.02	3.50
							2.04	-72.33	-0.33	0.00	0.02	0.02	0.46	0.57	-68.57	3.33
11	0.00	0.00	7.03	4.40	-0.02	0.04	0.00	-72.05	0.11	---	---	0.02	0.36	0.62	-74.02	3.35
							2.04	-72.84	-0.34	0.00	0.02	0.02	0.46	0.57	-68.46	3.29
12	0.00	0.00	7.03	4.40	-0.02	0.04	0.00	-69.03	-0.01	---	---	0.02	0.36	0.62	-74.02	3.54
							2.04	-71.61	-0.33	0.00	0.02	0.02	0.46	0.57	-68.58	3.38

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-63.08	0.00	7.76	23.00	12.90
1	2.04	-59.98	0.00	7.64	29.28	12.60
3	0.00	-45.32	0.00	6.69	18.93	11.10
3	2.04	-51.87	0.00	7.18	22.14	11.79
5	0.00	-77.09	0.00	8.00	13.06	14.15
5	2.04	-64.28	0.00	7.80	19.62	13.01
7	0.00	-71.34	0.00	7.96	0.48	13.65
7	2.04	-59.84	0.00	7.63	4.20	12.59
9	0.00	-71.36	0.00	4.45	1.07	11.01
9	2.04	-72.12	-0.00	4.39	1.25	11.07
10	0.00	-69.72	-0.00	4.59	1.07	10.89
10	2.04	-72.33	0.00	4.37	1.25	11.09
11	0.00	-72.05	0.00	4.39	0.38	11.07
11	2.04	-72.84	0.00	4.32	0.66	11.12
12	0.00	-69.03	-0.00	4.64	0.38	10.84
12	2.04	-71.61	-0.00	4.43	0.66	11.03

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.65	1.68	1.78	0.00	4.07	4	SLD	0.57	1.47	2.05	0.00	4.07	6	SLD	0.64	1.65	1.81
0.00	4.07	8	SLD	0.56	1.46	2.06														

Maschio in muratura ordinaria n. 14

Xg=14.62 <m> Yg=5.50 <m> L=0.88 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.30	3.87		103	-0.08	106	0.08	0.02	0.00	1.00	12.90	3200.00	888.89	1333.33	65.00	27.08	40.63
					116	-0.08												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-130.28	-1.59	---	---	---	---	---	-352.00	11.03
							2.04	-85.86	1.37	---	---	---	---	---	-352.00	9.18
3							0.00	-109.29	-0.99	---	---	---	---	---	-352.00	10.41
							2.04	-82.75	1.05	---	---	---	---	---	-352.00	8.98
5							0.00	-109.00	-2.07	---	---	---	---	---	-352.00	10.39
							2.04	-67.07	1.24	---	---	---	---	---	-352.00	7.81
7							0.00	-69.75	-1.88	---	---	---	---	---	-352.00	8.02
							2.04	-47.87	0.82	---	---	---	---	---	-352.00	6.03
9	0.00	0.00	14.72	9.22	-0.02	0.04	0.00	-95.38	-1.20	0.01	0.03	0.03	0.64	0.49	-115.06	7.47
							2.04	-78.07	0.72	---	---	0.02	0.39	0.59	-137.48	7.13
10	0.00	0.00	14.72	9.22	-0.02	0.04	0.00	-89.19	-1.21	0.01	0.03	0.03	0.66	0.48	-113.60	7.40
							2.04	-81.46	0.71	---	---	0.02	0.39	0.59	-137.48	7.23
11	0.00	0.00	14.72	9.22	-0.02	0.04	0.00	-94.62	-1.13	0.01	0.03	0.03	0.63	0.49	-115.96	7.46
							2.04	-80.11	0.73	---	---	0.02	0.39	0.59	-137.48	7.19
12	0.00	0.00	14.72	9.22	-0.02	0.04	0.00	-89.95	-1.28	0.01	0.03	0.03	0.67	0.48	-112.67	7.41
							2.04	-79.42	0.69	---	---	0.02	0.39	0.59	-137.48	7.17

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-130.28	0.00	32.36	37.78	25.93
1	2.04	-85.86	0.00	26.94	49.89	21.46
3	0.00	-109.29	0.00	30.52	33.23	23.92
3	2.04	-82.75	0.00	26.34	45.09	21.11
5	0.00	-109.00	0.00	30.49	18.23	23.89
5	2.04	-67.07	0.00	22.90	22.25	19.26
7	0.00	-69.75	-0.00	23.54	3.07	19.59
7	2.04	-47.87	0.00	17.69	6.25	16.71
9	0.00	-95.38	0.00	21.90	1.84	18.05
9	2.04	-78.07	0.00	20.91	2.35	16.46
10	0.00	-89.19	0.00	21.70	1.84	17.50
10	2.04	-81.46	0.00	21.21	2.35	16.78
11	0.00	-94.62	0.00	21.88	0.43	17.98
11	2.04	-80.11	0.00	21.09	0.47	16.65
12	0.00	-89.95	0.00	21.73	0.43	17.57

12	2.04	-79.42	0.00	21.03	0.47	16.59

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.47	1.22	2.46	0.00	4.07	4	SLD	0.38	0.99	3.03	0.00	4.07	6	SLD	0.42	1.08	2.78
0.00	4.07	8	SLD	0.30	0.78	3.83														

Maschio in muratura ordinaria n. 15

Xg=17.61 <m> Yg=5.50 <m> L=2.85 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.30	3.87		103	-0.08	106	0.08	0.02	0.00	1.00	12.90	3200.00	888.89	1333.33	65.00	27.08	40.63
					116	-0.08												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-442.47	-3.91	---	---	---	---	---	-1140.00	36.06
							2.04	-324.57	-2.20	---	---	---	---	---	-1140.00	32.38
3							0.00	-404.37	-1.01	---	---	---	---	---	-1140.00	35.34
							2.04	-296.91	-1.32	---	---	---	---	---	-1140.00	30.89
5							0.00	-389.31	-6.29	---	---	---	---	---	-1140.00	34.93
							2.04	-303.98	-2.22	---	---	---	---	---	-1140.00	31.29
7							0.00	-305.65	-5.43	---	---	---	---	---	-1140.00	31.39
							2.04	-258.67	-1.36	---	---	---	---	---	-1140.00	28.44
9	0.00	0.00	47.69	29.86	-0.02	0.04	0.00	-411.23	-0.68	0.00	0.02	0.02	0.42	0.57	-434.05	22.42
							2.04	-348.99	-0.43	---	---	0.02	0.39	0.59	-445.25	24.07
10	0.00	0.00	47.69	29.86	-0.02	0.04	0.00	-423.70	-0.69	0.00	0.02	0.02	0.42	0.57	-434.15	21.87
							2.04	-354.89	-0.43	---	---	0.02	0.39	0.59	-445.25	23.99
11	0.00	0.00	47.69	29.86	-0.02	0.04	0.00	-420.78	-0.36	---	---	0.02	0.39	0.59	-445.25	22.00
							2.04	-354.29	-0.38	0.00	0.02	0.02	0.41	0.58	-437.92	24.00
12	0.00	0.00	47.69	29.86	-0.02	0.04	0.00	-414.15	-1.01	0.00	0.02	0.02	0.44	0.56	-428.56	22.30
							2.04	-349.60	-0.47	---	---	0.02	0.39	0.59	-445.25	24.06

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-442.47	0.00	342.61	162.45	94.81
1	2.04	-324.57	0.00	307.59	168.01	82.27
3	0.00	-404.37	0.00	335.76	152.81	90.95
3	2.04	-296.91	0.00	293.46	160.73	79.04
5	0.00	-389.31	0.00	331.88	63.34	89.38
5	2.04	-303.98	0.00	297.28	61.44	79.88
7	0.00	-305.65	0.00	298.17	31.23	80.08
7	2.04	-258.67	0.00	270.21	37.19	74.34
9	0.00	-411.23	-0.00	212.97	8.24	73.86
9	2.04	-348.99	-0.00	228.65	8.47	68.36
10	0.00	-423.70	0.00	207.77	8.24	74.91
10	2.04	-354.89	0.00	227.89	8.47	68.90
11	0.00	-420.78	0.00	209.05	0.69	74.67
11	2.04	-354.29	0.00	227.98	0.38	68.85
12	0.00	-414.15	-0.00	211.81	0.69	74.11
12	2.04	-349.60	-0.00	228.58	0.38	68.42

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.67	1.72	1.74	0.00	4.07	4	SLD	0.50	1.29	2.32	0.00	4.07	6	SLD	0.68	1.76	1.71
0.00	4.07	8	SLD	0.54	1.39	2.16														

Maschio in muratura ordinaria n. 16

Xg=0.53 <m> Yg=5.81 <m> L=1.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	100	-0.13	101	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63

					114	-0.13	113	0.13											
4.07	8.58	0.45	4.21	0.00	200	0.00	202	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63	
8.58	12.35	0.45	3.52		300	0.00	302	0.00	0.02	0.00	1.00	7.82	3200.00	888.89	1333.33	65.00	27.08	40.63	

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN _{2sx} <kN>	ΣN _{2dx} <kN>	e _{s2} <m>	e ₁ <m>	Z _v <m>	N <kN>	M _y <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-317.71	2.20	---	---	---	---	---	-630.00	29.07
							2.04	-291.63	0.43	---	---	---	---	---	-630.00	29.88
							4.07	-203.26	0.96	---	---	---	---	---	-630.00	28.37
3							0.00	-311.08	0.18	---	---	---	---	---	-630.00	29.33
							2.04	-290.11	0.10	---	---	---	---	---	-630.00	29.91
							4.07	-198.09	0.71	---	---	---	---	---	-630.00	28.08
5							0.00	-272.87	3.92	---	---	---	---	---	-630.00	30.11
							2.04	-255.44	0.66	---	---	---	---	---	-630.00	30.06
							4.07	-153.13	0.84	---	---	---	---	---	-630.00	24.60
7							0.00	-227.80	3.38	---	---	---	---	---	-630.00	29.45
							2.04	-222.90	0.52	---	---	---	---	---	-630.00	29.28
							4.07	-105.00	0.47	---	---	---	---	---	-630.00	18.99
9	-104.66	0.00	17.10	17.10	-0.00	0.02	0.00	-350.98	0.30	-0.00	0.01	0.02	0.26	0.76	-319.35	1.33
							2.04	-334.38	-0.02	---	---	0.02	0.26	0.76	-319.35	4.77
							4.07	-169.80	0.16	---	---	0.02	0.26	0.76	-319.35	20.03
10	-111.13	0.00	17.10	17.10	-0.00	0.02	0.00	-345.64	0.26	-0.00	0.01	0.02	0.26	0.76	-319.35	2.47
							2.04	-340.25	-0.01	---	---	0.02	0.26	0.76	-319.35	3.59
							4.07	-176.69	0.19	---	---	0.02	0.26	0.76	-319.35	20.08
11	-107.92	0.00	17.10	17.10	-0.00	0.02	0.00	-348.43	0.12	---	---	0.02	0.26	0.76	-319.35	1.88
							2.04	-337.29	-0.03	---	---	0.02	0.26	0.76	-319.35	4.19
							4.07	-173.37	0.17	-0.00	0.01	0.02	0.26	0.76	-319.35	20.06
12	-107.86	0.00	17.10	17.10	-0.00	0.02	0.00	-348.19	0.43	-0.00	0.01	0.02	0.26	0.76	-319.35	1.93
							2.04	-337.34	-0.00	---	---	0.02	0.26	0.76	-319.35	4.18
							4.07	-173.13	0.18	---	---	0.02	0.26	0.76	-319.35	20.06
1							4.07	-158.11	-1.02	---	---	---	---	---	-630.00	25.07
							6.33	-86.18	-2.08	---	---	---	---	---	-630.00	16.27
							8.58	-85.74	2.26	---	---	---	---	---	-630.00	16.20
3							4.07	-153.88	-0.51	---	---	---	---	---	-630.00	24.67
							6.33	-84.35	-1.37	---	---	---	---	---	-630.00	15.99
							8.58	-82.62	1.43	---	---	---	---	---	-630.00	15.72
5							4.07	-107.62	-1.14	---	---	---	---	---	-630.00	19.35
							6.33	-83.78	-1.97	---	---	---	---	---	-630.00	15.90
							8.58	-72.95	2.07	---	---	---	---	---	-630.00	14.18
7							4.07	-60.11	-0.73	---	---	---	---	---	-630.00	12.01
							6.33	-79.90	-1.16	---	---	---	---	---	-630.00	15.30
							8.58	-58.85	1.08	---	---	---	---	---	-630.00	11.79
9	-64.35	0.00	0.00	0.00	0.00	0.02	4.07	-104.66	-0.38	---	---	0.02	0.28	0.73	-307.91	16.64
							6.33	-114.68	-0.87	0.01	0.02	0.02	0.28	0.73	-307.91	17.51
							8.58	-88.29	-0.14	---	---	0.02	0.28	0.73	-307.91	14.95
10	-66.35	0.00	0.00	0.00	0.00	0.02	4.07	-111.13	-0.35	---	---	0.02	0.28	0.73	-307.91	17.22
							6.33	-114.94	-0.81	0.01	0.02	0.02	0.28	0.73	-307.91	17.54
							8.58	-90.26	-0.05	---	---	0.02	0.28	0.73	-307.91	15.17
11	-64.98	0.00	0.00	0.00	0.00	0.02	4.07	-107.92	-0.41	---	---	0.02	0.28	0.73	-307.91	16.94
							6.33	-114.92	-0.87	0.01	0.02	0.02	0.28	0.73	-307.91	17.53
							8.58	-89.04	-0.11	---	---	0.02	0.28	0.73	-307.91	15.04
12	-65.73	0.00	0.00	0.00	0.00	0.02	4.07	-107.86	-0.33	---	---	0.02	0.28	0.73	-307.91	16.94
							6.33	-114.71	-0.80	0.01	0.02	0.02	0.28	0.73	-307.91	17.52
							8.58	-89.51	-0.08	---	---	0.02	0.28	0.73	-307.91	15.09
1							8.58	-70.43	-2.07	---	---	---	---	---	-630.00	13.76
							10.46	-50.99	-2.12	---	---	---	---	---	-630.00	10.38
3							8.58	-65.20	-1.19	---	---	---	---	---	-630.00	12.88
							10.46	-47.78	-1.13	---	---	---	---	---	-630.00	9.79
5							8.58	-59.38	-2.02	---	---	---	---	---	-630.00	11.88
							10.46	-46.54	-2.27	---	---	---	---	---	-630.00	9.56
7							8.58	-44.68	-1.09	---	---	---	---	---	-630.00	9.21
							10.46	-39.52	-1.41	---	---	---	---	---	-630.00	8.24
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-64.35	-0.57	---	---	0.02	0.23	0.79	-331.18	11.87
							10.46	-55.77	-0.66	---	---	0.02	0.23	0.79	-331.18	10.59
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-66.35	-0.50	---	---	0.02	0.23	0.79	-331.18	12.15
							10.46	-55.43	-0.59	---	---	0.02	0.23	0.79	-331.18	10.54
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-64.98	-0.59	---	---	0.02	0.23	0.79	-331.18	11.96
							10.46	-55.41	-0.68	0.01	0.02	0.02	0.28	0.77	-321.50	10.53
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-65.73	-0.48	---	---	0.02	0.23	0.79	-331.18	12.07
							10.46	-55.79	-0.57	---	---	0.02	0.23	0.79	-331.18	10.59

Verifiche per azioni nel piano

CC	Z _v <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-317.71	0.00	67.84	59.18	53.61
1	2.04	-291.63	0.00	69.73	70.69	51.49

1	4.07	-203.26	0.00	66.21	56.88	43.56
3	0.00	-311.08	0.00	68.44	55.73	53.08
3	2.04	-290.11	0.00	69.79	66.65	51.37
3	4.07	-198.09	0.00	65.53	53.77	43.06
5	0.00	-272.87	0.00	70.26	22.99	49.92
5	2.04	-255.44	0.00	70.14	27.35	48.40
5	4.07	-153.13	0.00	57.40	21.79	38.34
7	0.00	-227.80	0.00	68.72	11.48	45.90
7	2.04	-222.90	0.00	68.31	13.86	45.45
7	4.07	-105.00	0.00	44.32	11.41	32.55
9	0.00	-350.98	0.00	3.11	2.71	45.49
9	2.04	-334.38	0.00	11.12	2.98	44.44
9	4.07	-169.80	0.00	46.74	1.89	32.23
10	0.00	-345.64	0.00	5.77	2.71	45.15
10	2.04	-340.25	0.00	8.38	2.98	44.81
10	4.07	-176.69	0.00	46.85	1.89	32.83
11	0.00	-348.43	0.00	4.39	0.11	45.33
11	2.04	-337.29	0.00	9.78	0.11	44.62
11	4.07	-173.37	0.00	46.82	0.03	32.54
12	0.00	-348.19	0.00	4.51	0.11	45.31
12	2.04	-337.34	0.00	9.75	0.11	44.63
12	4.07	-173.13	0.00	46.81	0.03	32.52
1	4.07	-158.11	0.00	58.50	14.80	38.89
1	6.33	-86.18	0.00	37.96	33.34	29.98
1	8.58	-85.74	0.00	37.81	41.05	29.92
3	4.07	-153.88	0.00	57.57	12.91	38.43
3	6.33	-84.35	0.00	37.31	31.61	29.72
3	8.58	-82.62	-0.00	36.68	38.36	29.47
5	4.07	-107.62	0.00	45.14	7.32	32.89
5	6.33	-83.78	0.00	37.10	12.63	29.64
5	8.58	-72.95	0.00	33.08	16.40	28.04
7	4.07	-60.11	-0.00	28.02	1.00	26.01
7	6.33	-79.90	-0.00	35.69	6.85	29.08
7	8.58	-58.85	0.00	27.50	7.42	25.80
9	4.07	-104.66	0.00	38.84	0.17	25.85
9	6.33	-114.68	0.00	40.87	0.83	26.93
9	8.58	-88.29	0.00	34.89	1.03	23.98
10	4.07	-111.13	0.00	40.18	0.17	26.55
10	6.33	-114.94	0.00	40.92	0.83	26.95
10	8.58	-90.26	0.00	35.41	1.03	24.21
11	4.07	-107.92	0.00	39.53	0.13	26.20
11	6.33	-114.92	0.00	40.91	0.04	26.95
11	8.58	-89.04	0.00	35.09	0.17	24.07
12	4.07	-107.86	0.00	39.52	0.13	26.20
12	6.33	-114.71	0.00	40.87	0.04	26.93
12	8.58	-89.51	0.00	35.21	0.17	24.12
1	8.58	-70.43	0.00	32.11	13.23	27.65
1	10.46	-50.99	0.00	24.22	19.36	24.47
3	8.58	-65.20	0.00	30.06	11.00	26.83
3	10.46	-47.78	0.00	22.85	17.72	23.90
5	8.58	-59.38	0.00	27.72	7.35	25.89
5	10.46	-46.54	0.00	22.31	8.29	23.68
7	8.58	-44.68	0.00	21.50	0.09	23.34
7	10.46	-39.52	0.00	19.22	2.83	22.38
9	8.58	-64.35	0.00	27.70	0.06	20.95
9	10.46	-55.77	0.00	24.70	0.33	19.75
10	8.58	-66.35	0.00	28.36	0.06	21.22
10	10.46	-55.43	0.00	24.58	0.33	19.70
11	8.58	-64.98	0.00	27.90	0.13	21.03
11	10.46	-55.41	0.00	24.58	0.07	19.70
12	8.58	-65.73	0.00	28.15	0.13	21.13
12	10.46	-55.79	0.00	24.71	0.07	19.75

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	1.08	2.79	1.08	0.00	4.07	4	SLD	1.01	2.62	1.14	0.00	4.07	6	SLD	0.72	1.86	1.61
0.00	4.07	8	SLD	0.61	1.57	1.91	4.07	8.58	2	SLD	0.72	1.70	1.76	4.07	8.58	4	SLD	0.65	1.54	1.95
4.07	8.58	6	SLD	0.74	1.75	1.71	4.07	8.58	8	SLD	0.65	1.53	1.96	8.58	12.35	2	SLD	0.42	1.18	2.54
8.58	12.35	4	SLD	0.35	0.99	3.02	8.58	12.35	6	SLD	0.54	1.52	1.97	8.58	12.35	8	SLD	0.49	1.39	2.15

Maschio in muratura ordinaria n. 17

Xg=4.94 <m> Yg=5.81 <m> L=0.38 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87		100	-0.13	101	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					114	-0.13	113	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-147.00	1.52	---	---	---	---	---	-227.99	7.99
							2.04	-95.04	0.39	---	---	---	---	---	-227.99	10.90
3							0.00	-127.74	-0.25	---	---	---	---	---	-227.99	9.80
							2.04	-82.57	0.25	---	---	---	---	---	-227.99	10.66
5							0.00	-127.18	3.33	---	---	---	---	---	-227.99	9.84
							2.04	-105.38	0.45	---	---	---	---	---	-227.99	10.82
7							0.00	-90.93	3.10	---	---	---	---	---	-227.99	10.86
							2.04	-101.78	0.37	---	---	---	---	---	-227.99	10.87
9	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-111.38	-0.04	---	---	0.02	0.26	0.76	-115.57	3.46
							2.04	-125.80	0.36	-0.00	0.01	0.02	0.26	0.76	-115.57	0.74
10	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-116.83	-0.03	---	---	0.02	0.26	0.76	-115.57	2.52
							2.04	-125.61	0.35	-0.00	0.01	0.02	0.26	0.76	-115.57	0.78
11	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-115.37	-0.17	---	---	0.02	0.26	0.76	-115.57	2.78
							2.04	-126.53	0.36	-0.00	0.01	0.02	0.26	0.76	-115.57	0.59
12	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-112.83	0.10	---	---	0.02	0.26	0.76	-115.57	3.22
							2.04	-124.88	0.34	-0.00	0.01	0.02	0.26	0.76	-115.57	0.94

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-147.00	0.00	6.74	14.69	21.80
1	2.04	-95.04	0.00	9.20	11.22	17.74
3	0.00	-127.74	0.00	8.27	13.15	20.39
3	2.04	-82.57	0.00	9.00	10.62	16.62
5	0.00	-127.18	0.00	8.31	6.75	20.35
5	2.04	-105.38	0.00	9.13	4.28	18.62
7	0.00	-90.93	-0.00	9.17	1.61	17.38
7	2.04	-101.78	0.00	9.18	2.27	18.32
9	0.00	-111.38	0.00	2.92	0.65	15.45
9	2.04	-125.80	0.00	0.63	0.45	16.38
10	0.00	-116.83	0.00	2.12	0.65	15.81
10	2.04	-125.61	0.00	0.66	0.45	16.37
11	0.00	-115.37	0.00	2.35	0.08	15.72
11	2.04	-126.53	-0.00	0.50	0.02	16.43
12	0.00	-112.83	0.00	2.71	0.08	15.55
12	2.04	-124.88	0.00	0.79	0.02	16.33

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.90	2.32	1.29
0.00	4.07	8	SLD	0.65	1.68	1.78

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.85	2.19	1.37

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.71	1.84	1.63

Maschio in muratura ordinaria n. 18

Xg=6.24 <m> Yg=7.49 <m> L=2.22 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87		109	-0.13	112	0.13	0.02	2.22	0.25	2.13	3200.00	888.89	1333.33	65.00	27.08	40.63
					122	-0.13												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-490.70	9.27	---	---	---	---	---	-1332.01	62.56
							2.04	-354.55	-5.30	---	---	---	---	---	-1332.01	54.79
3							0.00	-329.88	-0.84	---	---	---	---	---	-1332.01	52.60
							2.04	-277.71	-3.97	---	---	---	---	---	-1332.01	47.16
5							0.00	-651.34	19.28	---	---	---	---	---	-1332.01	62.24
							2.04	-429.95	-5.52	---	---	---	---	---	-1332.01	60.00
7							0.00	-628.20	17.75	---	---	---	---	---	-1332.01	62.92
							2.04	-417.74	-4.38	---	---	---	---	---	-1332.01	59.31
9	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-520.12	0.39	---	---	0.02	0.26	0.85	-757.52	36.39
							2.04	-429.28	-3.59	0.01	0.08	0.08	1.08	0.55	-486.76	41.66

10	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-518.55	0.53	---	---	0.02	0.26	0.85	-757.52	36.52
							2.04	-428.84	-3.74	0.01	0.08	0.08	1.09	0.55	-485.43	41.67
11	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-508.64	-0.30	---	---	0.02	0.26	0.85	-757.52	37.32
							2.04	-424.72	-3.55	0.01	0.08	0.08	1.08	0.55	-486.77	41.79
12	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-530.02	1.22	---	---	0.02	0.26	0.85	-757.52	35.51
							2.04	-433.39	-3.78	0.01	0.08	0.08	1.09	0.55	-485.42	41.52

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-490.70	0.00	308.62	112.10	97.89
1	2.04	-354.55	0.00	270.31	131.99	84.42
3	0.00	-329.88	-0.00	259.48	98.89	81.74
3	2.04	-277.71	-0.00	232.65	114.28	75.77
5	0.00	-651.34	0.00	307.07	53.66	111.72
5	2.04	-429.95	0.00	296.01	66.46	92.13
7	0.00	-628.20	0.00	310.41	9.64	109.83
7	2.04	-417.74	0.00	292.61	7.42	90.92
9	0.00	-520.12	0.00	179.51	6.11	81.12
9	2.04	-429.28	0.00	205.50	6.67	74.08
10	0.00	-518.55	-0.00	180.16	6.11	81.00
10	2.04	-428.84	-0.00	205.57	6.67	74.04
11	0.00	-508.64	-0.00	184.13	0.97	80.26
11	2.04	-424.72	-0.00	206.17	1.31	73.71
12	0.00	-530.02	0.00	175.20	0.97	81.85
12	2.04	-433.39	0.00	204.85	1.31	74.41

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.63	1.62	1.86
0.00	4.07	8	SLD	0.66	1.70	1.76

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.56	1.45	2.07

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.70	1.82	1.65

Maschio in muratura ordinaria n. 19

Xg=17.27 <m> Yg=7.57 <m> L=1.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87		106	-0.13	105	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							117	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-344.56	3.85	---	---	---	---	---	-660.00	29.91
							2.04	-215.84	2.83	---	---	---	---	---	-660.00	29.88
3							0.00	-331.10	1.16	---	---	---	---	---	-660.00	30.53
							2.04	-207.52	1.01	---	---	---	---	---	-660.00	29.42
5							0.00	-262.42	6.21	---	---	---	---	---	-660.00	31.43
							2.04	-209.66	4.52	---	---	---	---	---	-660.00	29.54
7							0.00	-178.56	5.54	---	---	---	---	---	-660.00	27.39
							2.04	-196.04	4.15	---	---	---	---	---	-660.00	28.70
9	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-305.52	1.41	---	---	0.02	0.26	0.76	-334.56	12.59
							2.04	-279.90	1.44	-0.01	0.03	0.03	0.39	0.69	-304.99	15.85
10	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-291.03	1.45	---	---	0.02	0.26	0.76	-334.56	14.53
							2.04	-277.46	1.47	-0.01	0.03	0.03	0.39	0.69	-304.62	16.11
11	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-297.54	1.13	---	---	0.02	0.26	0.76	-334.56	13.69
							2.04	-278.08	1.34	-0.00	0.03	0.03	0.39	0.70	-306.00	16.05
12	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-299.01	1.73	-0.01	0.03	0.03	0.40	0.69	-303.13	13.49
							2.04	-279.29	1.57	---	---	0.02	0.32	0.73	-320.30	15.91

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-344.56	0.00	73.11	83.86	57.09
1	2.04	-215.84	0.00	73.04	81.58	45.92
3	0.00	-331.10	0.00	74.63	74.39	56.03
3	2.04	-207.52	0.00	71.92	76.28	45.10
5	0.00	-262.42	0.00	76.82	39.51	50.25
5	2.04	-209.66	0.00	72.22	32.52	45.32
7	0.00	-178.56	-0.00	66.95	7.97	42.14

7	2.04	-196.04	0.00	70.14	14.84	43.95
9	0.00	-305.52	-0.00	30.77	4.25	43.59
9	2.04	-279.90	-0.00	38.73	3.93	41.80
10	0.00	-291.03	0.00	35.51	4.25	42.59
10	2.04	-277.46	0.00	39.39	3.93	41.63
11	0.00	-297.54	0.00	33.46	0.66	43.04
11	2.04	-278.08	0.00	39.23	0.00	41.67
12	0.00	-299.01	-0.00	32.97	0.66	43.15
12	2.04	-279.29	-0.00	38.90	0.00	41.76

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.69	1.77	1.69	0.00	4.07	4	SLD	0.58	1.50	2.00	0.00	4.07	6	SLD	0.68	1.77	1.70
0.00	4.07	8	SLD	0.58	1.49	2.02														

Maschio in muratura ordinaria n. 20

Xg=15.45 <m> Yg=7.57 <m> L=2.54 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	106	-0.13	105	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							117	0.13										
4.07	8.58	0.45	4.21	0.00			205	0.13	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67				305	0.13	0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{bx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-796.84	15.59	---	---	---	---	---	-1524.01	69.00
							2.04	-650.95	-3.25	---	---	---	---	---	-1524.01	72.86
							4.07	-336.41	-5.42	---	---	---	---	---	-1524.01	56.04
3							0.00	-707.22	8.83	---	---	---	---	---	-1524.01	72.25
							2.04	-586.46	-1.75	---	---	---	---	---	-1524.01	72.22
							4.07	-308.04	-2.34	---	---	---	---	---	-1524.01	52.83
5							0.00	-740.62	20.07	---	---	---	---	---	-1524.01	71.37
							2.04	-626.35	-3.75	---	---	---	---	---	-1524.01	72.79
							4.07	-346.57	-7.48	---	---	---	---	---	-1524.01	57.12
7							0.00	-602.80	17.15	---	---	---	---	---	-1524.01	72.52
							2.04	-540.77	-2.67	---	---	---	---	---	-1524.01	70.88
							4.07	-326.91	-6.16	---	---	---	---	---	-1524.01	54.99
9	-582.32	0.00	26.61	42.50	0.00	0.02	0.00	-726.87	8.69	-0.01	0.02	0.02	0.31	0.73	-746.35	25.89
							2.04	-681.84	-1.20	---	---	0.02	0.26	0.76	-772.52	32.29
							4.07	-438.92	-2.79	---	---	0.02	0.30	0.74	-751.48	48.56
10	-584.44	0.00	26.61	42.50	0.00	0.02	0.00	-744.67	8.96	-0.01	0.02	0.02	0.31	0.73	-745.91	23.07
							2.04	-691.38	-1.23	---	---	0.02	0.26	0.76	-772.52	31.02
							4.07	-435.66	-2.68	---	---	0.02	0.30	0.74	-751.55	48.57
11	-579.58	0.00	26.61	42.50	0.00	0.02	0.00	-727.64	8.09	-0.01	0.02	0.02	0.30	0.74	-752.03	25.77
							2.04	-681.24	-1.28	---	---	0.02	0.26	0.76	-772.52	32.37
							4.07	-435.34	-2.93	---	---	0.02	0.30	0.74	-751.39	48.57
12	-587.18	0.00	26.61	42.50	0.00	0.02	0.00	-743.91	9.56	-0.01	0.02	0.02	0.32	0.73	-740.35	23.20
							2.04	-691.97	-1.14	---	---	0.02	0.26	0.76	-772.52	30.94
							4.07	-439.23	-2.55	---	---	0.02	0.30	0.74	-751.63	48.56
1							4.07	-488.87	10.49	---	---	---	---	---	-1524.01	68.48
							6.33	-507.49	3.43	---	---	---	---	---	-1524.01	69.45
							8.58	-336.75	2.83	---	---	---	---	---	-1524.01	56.07
3							4.07	-435.04	5.55	---	---	---	---	---	-1524.01	65.01
							6.33	-495.70	1.70	---	---	---	---	---	-1524.01	68.85
							8.58	-323.73	1.84	---	---	---	---	---	-1524.01	54.64
5							4.07	-506.50	12.00	---	---	---	---	---	-1524.01	69.40
							6.33	-410.03	4.17	---	---	---	---	---	-1524.01	63.05
							8.58	-302.88	3.10	---	---	---	---	---	-1524.01	52.21
7							4.07	-467.77	8.36	---	---	---	---	---	-1524.01	67.24
							6.33	-314.70	3.06	---	---	---	---	---	-1524.01	53.61
							8.58	-260.81	2.34	---	---	---	---	---	-1524.01	46.87
9	-326.38	0.00	0.00	0.00	0.00	0.02	4.07	-582.32	1.62	---	---	0.02	0.28	0.73	-744.85	42.68
							6.33	-512.30	1.27	---	---	0.02	0.28	0.73	-744.85	46.89
							8.58	-402.28	1.88	-0.00	0.02	0.02	0.28	0.73	-744.85	48.35
10	-326.69	0.00	0.00	0.00	0.00	0.02	4.07	-584.44	2.03	-0.00	0.01	0.02	0.28	0.73	-744.85	42.51
							6.33	-523.79	1.42	---	---	0.02	0.28	0.73	-744.85	46.37
							8.58	-406.90	1.94	---	---	0.02	0.28	0.73	-744.85	48.42
11	-328.28	0.00	0.00	0.00	0.00	0.02	4.07	-579.58	1.53	---	---	0.02	0.28	0.73	-744.85	42.89
							6.33	-519.52	1.45	---	---	0.02	0.28	0.73	-744.85	46.57
							8.58	-406.19	1.89	-0.00	0.02	0.02	0.28	0.73	-744.85	48.41

12	-324.79	0.00	0.00	0.00	0.00	0.02	4.07	-587.18	2.13	-0.00	0.01	0.02	0.28	0.73	-744.85	42.29
							6.33	-516.57	1.24	---	---	0.02	0.28	0.73	-744.85	46.71
							8.58	-403.00	1.92	---	---	0.02	0.28	0.73	-744.85	48.36
1							8.58	-232.28	2.94	---	---	---	---	---	-1524.01	42.89
							10.46	-188.46	-3.12	---	---	---	---	---	-1524.01	36.23
3							8.58	-215.93	1.85	---	---	---	---	---	-1524.01	40.49
							10.46	-158.76	-0.52	---	---	---	---	---	-1524.01	31.34
5							8.58	-240.10	3.16	---	---	---	---	---	-1524.01	44.01
							10.46	-188.94	-4.91	---	---	---	---	---	-1524.01	36.31
7							8.58	-230.46	2.26	---	---	---	---	---	-1524.01	42.63
							10.46	-159.66	-3.85	---	---	---	---	---	-1524.01	31.50
9	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-326.38	1.45	-0.00	0.08	0.08	1.02	0.48	-487.09	45.68
							10.46	-181.31	-0.18	---	---	0.07	0.96	0.50	-506.93	32.23
10	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-326.69	1.50	-0.00	0.08	0.08	1.02	0.48	-486.40	45.70
							10.46	-177.47	-0.17	---	---	0.07	0.96	0.50	-506.93	31.73
11	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-328.28	1.54	-0.00	0.08	0.08	1.02	0.48	-485.96	45.79
							10.46	-181.79	-0.00	---	---	0.07	0.96	0.50	-506.93	32.29
12	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-324.79	1.41	-0.00	0.08	0.08	1.02	0.48	-487.55	45.59
							10.46	-176.99	-0.35	---	---	0.07	0.96	0.50	-506.93	31.66

Verifiche per azioni nel piano

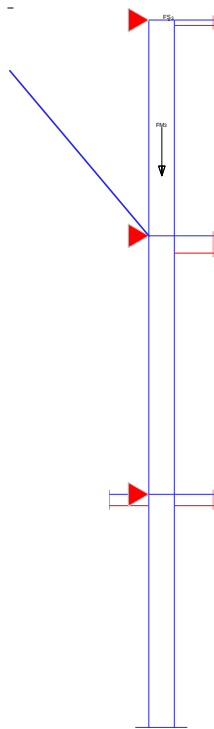
CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-796.84	0.00	389.49	238.51	131.92
1	2.04	-650.95	0.00	411.28	259.20	119.97
1	4.07	-336.41	0.00	316.29	28.12	88.89
3	0.00	-707.22	0.00	407.82	220.70	124.71
3	2.04	-586.46	0.00	407.62	236.80	114.29
3	4.07	-308.04	0.00	298.18	9.11	85.53
5	0.00	-740.62	0.00	402.83	98.57	127.45
5	2.04	-626.35	0.00	410.85	111.73	117.83
5	4.07	-346.57	0.00	322.39	37.26	90.06
7	0.00	-602.80	0.00	409.32	39.19	115.75
7	2.04	-540.77	0.00	400.08	37.07	110.08
7	4.07	-326.91	0.00	310.40	26.09	87.78
9	0.00	-726.87	-0.00	146.16	11.83	102.11
9	2.04	-681.84	-0.00	182.26	12.69	99.03
9	4.07	-438.92	0.00	274.12	1.00	80.40
10	0.00	-744.67	0.00	130.24	11.83	103.30
10	2.04	-691.38	0.00	175.11	12.69	99.69
10	4.07	-435.66	-0.00	274.17	1.00	80.12
11	0.00	-727.64	-0.00	145.49	0.87	102.16
11	2.04	-681.24	-0.00	182.70	1.51	98.99
11	4.07	-435.34	-0.00	274.18	1.59	80.10
12	0.00	-743.91	0.00	130.95	0.87	103.25
12	2.04	-691.97	0.00	174.65	1.51	99.73
12	4.07	-439.23	0.00	274.11	1.59	80.43
1	4.07	-488.87	0.00	386.56	184.13	105.11
1	6.33	-507.49	0.00	392.02	176.83	106.92
1	8.58	-336.75	0.00	316.50	111.46	88.93
3	4.07	-435.04	0.00	366.95	154.93	99.68
3	6.33	-495.70	0.00	388.64	146.55	105.78
3	8.58	-323.73	0.00	308.39	93.82	87.40
5	4.07	-506.50	0.00	391.74	99.52	106.82
5	6.33	-410.03	0.00	355.91	98.97	97.06
5	8.58	-302.88	0.00	294.72	60.20	84.91
7	4.07	-467.77	0.00	379.55	2.20	103.01
7	6.33	-314.70	-0.00	302.58	1.95	86.33
7	8.58	-260.81	0.00	264.55	1.39	79.63
9	4.07	-582.32	-0.00	240.88	6.97	91.86
9	6.33	-512.30	-0.00	264.67	6.21	86.45
9	8.58	-402.28	-0.00	272.91	3.98	77.21
10	4.07	-584.44	0.00	239.93	6.97	92.02
10	6.33	-523.79	0.00	261.75	6.21	87.36
10	8.58	-406.90	0.00	273.28	3.98	77.62
11	4.07	-579.58	-0.00	242.08	2.26	91.65
11	6.33	-519.52	0.00	262.88	2.48	87.03
11	8.58	-406.19	0.00	273.23	1.36	77.55
12	4.07	-587.18	0.00	238.69	2.26	92.22
12	6.33	-516.57	-0.00	263.63	2.48	86.79
12	8.58	-403.00	-0.00	272.98	1.36	77.27
1	8.58	-232.28	0.00	242.10	96.57	78.73
1	10.46	-188.46	0.00	204.52	70.68	72.28
3	8.58	-215.93	0.00	228.52	77.68	76.39
3	10.46	-158.76	0.00	176.92	53.37	67.56
5	8.58	-240.10	0.00	248.41	57.63	79.83
5	10.46	-188.94	0.00	204.96	47.47	72.36
7	8.58	-230.46	0.00	240.62	5.35	78.48

7	10.46	-159.66	-0.00	177.78	10.26	67.71
9	8.58	-326.38	-0.00	257.85	3.47	72.79
9	10.46	-181.31	0.00	181.92	2.42	56.10
10	8.58	-326.69	0.00	257.95	3.47	72.82
10	10.46	-177.47	-0.00	179.07	2.42	55.59
11	8.58	-328.28	0.00	258.44	1.42	72.99
11	10.46	-181.79	0.00	182.28	1.25	56.17
12	8.58	-324.79	-0.00	257.36	1.42	72.63
12	10.46	-176.99	-0.00	178.71	1.25	55.53

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.66	1.70	1.77	0.00	4.07	4	SLD	0.56	1.44	2.08	0.00	4.07	6	SLD	0.59	1.52	1.97
0.00	4.07	8	SLD	0.46	1.18	2.54	4.07	8.58	2	SLD	0.94	2.24	1.34	4.07	8.58	4	SLD	0.74	1.75	1.72
4.07	8.58	6	SLD	0.93	2.21	1.36	4.07	8.58	8	SLD	0.71	1.70	1.77	8.58	12.35	2	SLD	0.42	1.14	2.63
8.58	12.35	4	SLD	0.26	0.71	4.25	8.58	12.35	6	SLD	0.55	1.49	2.01	8.58	12.35	8	SLD	0.44	1.20	2.51

Verifiche cinematici
Ribalt. a z=8.58

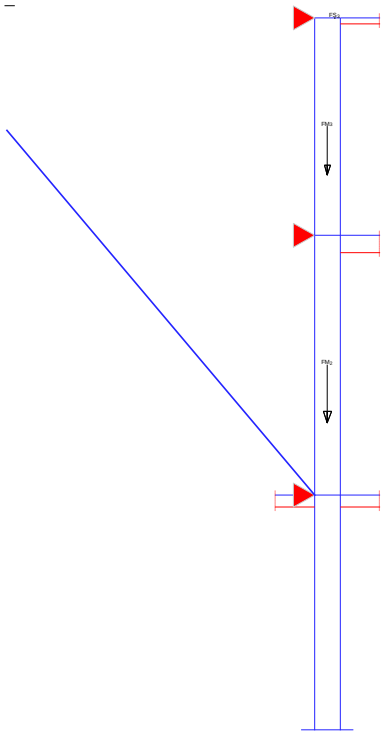


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		90.49	0.00	10.46	Peso maschio piano 3
FS ₃		2.45	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematicismo $M^*=9248.90$ <kg>
Frazione di massa partecipante $e^*=0.98$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=93.56$ <mm>
Domanda di spostamento [C8A.4.11]=119.05 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.7859
Domanda di spostamento amplificata [C8A.4.12]=106.25 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8806

Ribalt. a z=4.07

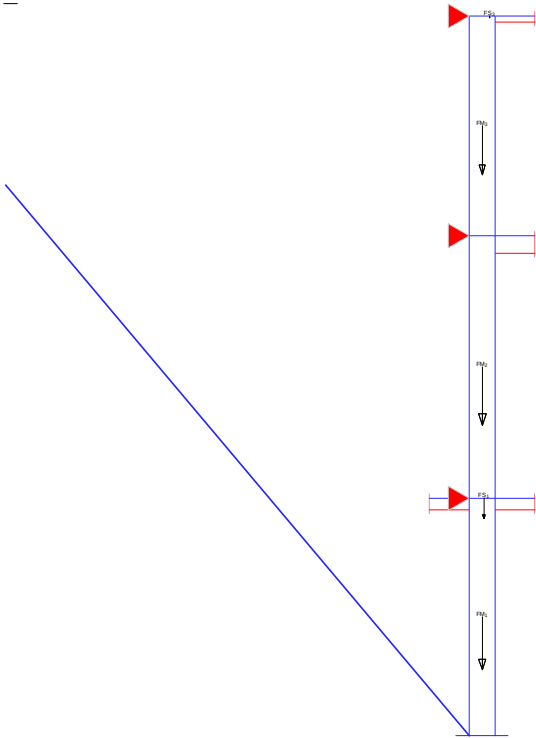


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		108.25	0.00	6.33	Peso maschio piano 2
FM ₃		90.49	0.00	10.46	Peso maschio piano 3
FS ₃		2.45	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=16396.30$ <kg>
Frazione di massa partecipante $e^*=0.80$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=113.35$ <mm>
Domanda di spostamento [C8A.4.11]=175.18 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.6470
Domanda di spostamento amplificata [C8A.4.12]=65.09 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.7413

Ribalt. a z=0.00

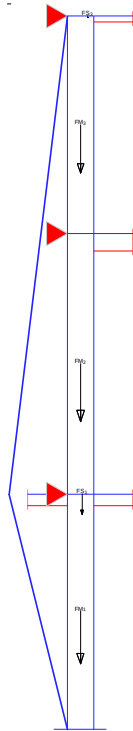


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		97.69	0.00	2.04	Peso maschio piano 1
FM ₂		108.25	0.00	6.33	Peso maschio piano 2
FM ₃		90.49	0.00	10.46	Peso maschio piano 3
FS ₁		37.55	0.03	4.07	Peso solaio piano 1
FS ₃		2.45	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=26424.30$ <kg>
Frazione di massa partecipante $e^*=0.77$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=118.97$ <mm>
Domanda di spostamento [C8A.4.11]=191.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.6217

Fless. a z= 4.07 da z= 0.00 a z=12.35



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		97.69	0.00	2.04	Peso maschio piano 1
FM ₂		108.25	0.00	6.33	Peso maschio piano 2
FM ₃		90.49	0.00	10.46	Peso maschio piano 3
FS ₁		37.55	0.03	4.07	Peso solaio piano 1
FS ₃		2.45	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematisimo $M^*=28373.90$ <kg>
 Frazione di massa partecipante $e^*=0.83$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=81.77$ <mm>
 Domanda di spostamento [C8A.4.11]=80.62 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0144

Maschio in muratura ordinaria n. 21

Xg=22.04 <m> Yg=7.92 <m> L=3.01 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _d SLU	F _d SLV	F _{VKO}	F _{td} SLU	F _{td} SLV
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.40	3.87	0.00			111	0.11	0.02	0.00	1.00	9.68	3200.00	888.89	1333.33	65.00	27.08	40.63
							118	0.11										
4.07	8.58	0.40	4.21	0.00			204	0.11	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.67				306	0.11	0.02	0.00	1.00	9.18	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN_{2sx}	ΣN_{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-620.95	5.47	---	---	---	---	---	-1605.33	67.68
							2.04	-617.89	2.03	---	---	---	---	---	-1605.33	67.62
							4.07	-450.69	-3.64	---	---	---	---	---	-1605.33	60.37
3							0.00	-583.58	0.57	---	---	---	---	---	-1605.33	66.80
							2.04	-577.04	0.13	---	---	---	---	---	-1605.33	66.60
							4.07	-421.65	-0.81	---	---	---	---	---	-1605.33	58.27
5							0.00	-648.05	9.96	---	---	---	---	---	-1605.33	68.06
							2.04	-633.94	3.53	---	---	---	---	---	-1605.33	67.88
							4.07	-435.23	-5.85	---	---	---	---	---	-1605.33	59.28
7							0.00	-633.91	8.92	---	---	---	---	---	-1605.33	67.88
							2.04	-606.84	2.91	---	---	---	---	---	-1605.33	67.39
							4.07	-392.94	-4.91	---	---	---	---	---	-1605.33	55.96
9	-465.50	0.00	0.00	54.47	0.01	0.03	0.00	-842.00	2.96	-0.00	0.02	0.02	0.29	0.72	-772.32	12.53
							2.04	-815.02	0.51	---	---	0.02	0.29	0.72	-772.32	16.96

							4.07	-553.04	-0.85	---	---	0.03	0.47	0.63	-677.90	43.36
10	-457.89	0.00	0.00	54.47	0.01	0.03	0.00	-840.34	2.87	-0.00	0.02	0.02	0.29	0.72	-772.32	12.81
							2.04	-808.41	0.52	---	---	0.02	0.29	0.72	-772.32	18.00
							4.07	-544.09	-0.81	---	---	0.03	0.47	0.63	-676.50	43.73
11	-463.51	0.00	0.00	54.47	0.01	0.03	0.00	-844.10	3.48	-0.00	0.02	0.02	0.30	0.72	-769.62	12.17
							2.04	-814.68	0.54	---	---	0.02	0.29	0.72	-772.32	17.02
							4.07	-550.31	-0.97	---	---	0.03	0.47	0.63	-677.54	43.48
12	-459.87	0.00	0.00	54.47	0.01	0.03	0.00	-838.23	2.34	-0.00	0.02	0.02	0.29	0.72	-772.32	13.17
							2.04	-808.75	0.50	---	---	0.02	0.29	0.72	-772.32	17.95
							4.07	-546.82	-0.69	---	---	0.03	0.47	0.63	-676.87	43.62
1							4.07	-382.24	-3.71	---	---	---	---	---	-1605.33	55.03
							6.33	-269.85	2.57	---	---	---	---	---	-1605.33	43.30
							8.58	-210.43	-1.67	---	---	---	---	---	-1605.33	35.60
3							4.07	-353.38	-0.06	---	---	---	---	---	-1605.33	52.37
							6.33	-256.28	0.73	---	---	---	---	---	-1605.33	41.63
							8.58	-205.97	-0.35	---	---	---	---	---	-1605.33	34.98
5							4.07	-378.49	-6.79	---	---	---	---	---	-1605.33	54.70
							6.33	-265.29	3.86	---	---	---	---	---	-1605.33	42.74
							8.58	-202.74	-2.66	---	---	---	---	---	-1605.33	34.52
7							4.07	-346.41	-5.78	---	---	---	---	---	-1605.33	51.69
							6.33	-247.82	3.14	---	---	---	---	---	-1605.33	40.56
							8.58	-191.69	-2.19	---	---	---	---	---	-1605.33	32.95
9	-261.01	0.00	0.00	0.00	0.00	0.02	4.07	-465.50	-0.04	---	---	0.02	0.32	0.69	-735.16	45.46
							6.33	-348.67	0.38	---	---	0.02	0.32	0.69	-735.16	43.01
							8.58	-283.09	-0.72	0.00	0.01	0.02	0.32	0.69	-735.16	39.00
10	-261.43	0.00	0.00	0.00	0.00	0.02	4.07	-457.89	-0.02	---	---	0.02	0.32	0.69	-735.16	45.48
							6.33	-344.14	0.35	---	---	0.02	0.32	0.69	-735.16	42.79
							8.58	-282.61	-0.70	0.00	0.01	0.02	0.32	0.69	-735.16	38.96
11	-261.08	0.00	0.00	0.00	0.00	0.02	4.07	-463.51	-0.19	---	---	0.02	0.32	0.69	-735.16	45.47
							6.33	-347.11	0.24	---	---	0.02	0.32	0.69	-735.16	42.93
							8.58	-282.89	-0.77	0.00	0.01	0.02	0.32	0.69	-735.16	38.98
12	-261.36	0.00	0.00	0.00	0.00	0.02	4.07	-459.87	0.13	---	---	0.02	0.32	0.69	-735.16	45.48
							6.33	-345.70	0.49	---	---	0.02	0.32	0.69	-735.16	42.87
							8.58	-282.82	-0.65	0.00	0.01	0.02	0.32	0.69	-735.16	38.98
1							8.58	-207.56	-3.76	---	---	---	---	---	-1605.33	35.20
							10.46	-157.87	-5.48	---	---	---	---	---	-1605.33	27.92
3							8.58	-201.15	-0.69	---	---	---	---	---	-1605.33	34.30
							10.46	-151.82	-0.14	---	---	---	---	---	-1605.33	26.99
5							8.58	-194.69	-6.14	---	---	---	---	---	-1605.33	33.38
							10.46	-159.54	-9.86	---	---	---	---	---	-1605.33	28.18
7							8.58	-177.24	-5.11	---	---	---	---	---	-1605.33	30.84
							10.46	-154.93	-8.26	---	---	---	---	---	-1605.33	27.47
9	0.00	0.00	0.00	3.72	0.11	0.13	8.58	-261.01	-1.15	---	---	0.02	0.28	0.74	-791.55	37.22
							10.46	-227.52	-0.43	---	---	0.07	0.98	0.47	-506.92	34.12
10	0.00	0.00	0.00	3.72	0.11	0.13	8.58	-261.43	-1.10	---	---	0.02	0.28	0.74	-791.55	37.26
							10.46	-226.41	-0.37	---	---	0.07	0.98	0.47	-506.92	34.01
11	0.00	0.00	0.00	3.72	0.11	0.13	8.58	-261.08	-1.28	---	---	0.02	0.28	0.74	-791.55	37.23
							10.46	-226.75	-0.66	---	---	0.07	0.98	0.47	-506.92	34.05
12	0.00	0.00	0.00	3.72	0.11	0.13	8.58	-261.36	-0.97	---	---	0.02	0.28	0.74	-791.55	37.25
							10.46	-227.19	-0.14	---	---	0.07	0.98	0.47	-506.92	34.09

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-620.95	0.00	509.26	212.93	140.79
1	2.04	-617.89	0.00	508.84	211.85	140.46
1	4.07	-450.69	0.00	454.26	114.98	121.58
3	0.00	-583.58	0.00	502.67	194.44	136.80
3	2.04	-577.04	0.00	501.19	192.20	136.09
3	4.07	-421.65	0.00	438.49	103.33	118.00
5	0.00	-648.05	0.00	512.12	91.92	143.60
5	2.04	-633.94	0.00	510.83	93.36	142.15
5	4.07	-435.23	0.00	446.10	52.17	119.69
7	0.00	-633.91	0.00	510.83	30.29	142.14
7	2.04	-606.84	0.00	507.13	27.85	139.29
7	4.07	-392.94	0.00	421.08	13.33	114.34
9	0.00	-842.00	-0.00	94.30	10.65	131.35
9	2.04	-815.02	-0.00	127.66	10.35	129.31
9	4.07	-553.04	-0.00	326.32	4.79	107.48
10	0.00	-840.34	0.00	96.41	10.65	131.22
10	2.04	-808.41	0.00	135.45	10.35	128.80
10	4.07	-544.09	0.00	329.09	4.79	106.66
11	0.00	-844.10	-0.00	91.59	0.39	131.51
11	2.04	-814.68	-0.00	128.06	0.16	129.28
11	4.07	-550.31	-0.00	327.19	0.03	107.23
12	0.00	-838.23	0.00	99.09	0.39	131.07
12	2.04	-808.75	0.00	135.05	0.16	128.83
12	4.07	-546.82	0.00	328.27	0.03	106.91

1	4.07	-382.24	0.00	414.12	148.68	103.83
1	6.33	-269.85	0.00	325.81	138.65	89.27
1	8.58	-210.43	0.00	267.85	66.61	80.52
3	4.07	-353.38	0.00	394.10	136.84	100.29
3	6.33	-256.28	0.00	313.26	126.50	87.35
3	8.58	-205.97	0.00	263.19	58.88	79.83
5	4.07	-378.49	0.00	411.62	62.56	103.37
5	6.33	-265.29	0.00	321.64	60.03	88.63
5	8.58	-202.74	0.00	259.79	31.70	79.32
7	4.07	-346.41	0.00	389.00	23.09	99.42
7	6.33	-247.82	0.00	305.23	19.52	86.13
7	8.58	-191.69	0.00	247.97	5.95	77.56
9	4.07	-465.50	-0.00	342.08	5.52	91.12
9	6.33	-348.67	-0.00	323.62	4.82	79.72
9	8.58	-283.09	-0.00	293.47	2.05	72.54
10	4.07	-457.89	0.00	342.26	5.52	90.42
10	6.33	-344.14	0.00	321.99	4.82	79.25
10	8.58	-282.61	0.00	293.20	2.05	72.49
11	4.07	-463.51	-0.00	342.15	0.28	90.94
11	6.33	-347.11	-0.00	323.07	0.35	79.56
11	8.58	-282.89	-0.00	293.35	0.04	72.52
12	4.07	-459.87	0.00	342.23	0.28	90.60
12	6.33	-345.70	0.00	322.56	0.35	79.41
12	8.58	-282.82	0.00	293.31	0.04	72.51
1	8.58	-207.56	0.00	264.87	84.10	91.86
1	10.46	-157.87	0.00	210.10	68.03	82.48
3	8.58	-201.15	0.00	258.11	70.94	90.71
3	10.46	-151.82	0.00	203.07	57.60	81.27
5	8.58	-194.69	0.00	251.20	45.19	89.53
5	10.46	-159.54	0.00	212.04	36.23	82.82
7	8.58	-177.24	0.00	232.10	1.32	86.26
7	10.46	-154.93	0.00	206.70	1.46	81.90
9	8.58	-261.01	0.00	280.11	2.42	80.25
9	10.46	-227.52	-0.00	256.78	1.80	75.54
10	8.58	-261.43	-0.00	280.38	2.42	80.31
10	10.46	-226.41	0.00	255.94	1.80	75.38
11	8.58	-261.08	0.00	280.16	0.31	80.26
11	10.46	-226.75	0.00	256.19	0.22	75.42
12	8.58	-261.36	-0.00	280.33	0.31	80.30
12	10.46	-227.19	-0.00	256.53	0.22	75.49

Verifiche deformazioni

Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.
<m>	<m>			<cm>			<m>	<m>			<cm>			<m>	<m>			<cm>		
0.00	4.07	2	SLD	0.75	1.94	1.55	0.00	4.07	4	SLD	0.62	1.60	1.87	0.00	4.07	6	SLD	0.71	1.83	1.64
0.00	4.07	8	SLD	0.53	1.36	2.21	4.07	8.58	2	SLD	0.73	1.74	1.72	4.07	8.58	4	SLD	0.56	1.33	2.26
4.07	8.58	6	SLD	0.85	2.02	1.49	4.07	8.58	8	SLD	0.71	1.69	1.78	8.58	12.35	2	SLD	0.50	1.35	2.22
8.58	12.35	4	SLD	0.39	1.05	2.86	8.58	12.35	6	SLD	0.44	1.21	2.48	8.58	12.35	8	SLD	0.32	0.87	3.45

Maschio in muratura ordinaria n. 22

Xg=1.59 <m> Yg=12.54 <m> L=3.18 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _d SLU	F _d SLV	F _{VK0}	F _{td} SLU	F _{td} SLV
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03	101	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					113	-0.18												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.52		402	-0.15			0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
					302	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
<kN>	<m>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-616.68	-18.92	---	---	---	---	---	-2756.00	147.66
							2.04	-692.63	-8.54	---	---	---	---	---	-2756.00	158.55
							4.07	-455.14	-6.47	---	---	---	---	---	-2756.00	119.18
3							0.00	-449.87	-14.82	---	---	---	---	---	-2756.00	118.13
							2.04	-511.12	-7.53	---	---	---	---	---	-2756.00	129.87
							4.07	-339.33	-4.62	---	---	---	---	---	-2756.00	94.31
5							0.00	-764.41	-18.66	---	---	---	---	---	-2756.00	167.37
							2.04	-846.27	-8.14	---	---	---	---	---	-2756.00	175.68
							4.07	-554.58	-5.07	---	---	---	---	---	-2756.00	137.57
7							0.00	-724.22	-14.34	---	---	---	---	---	-2756.00	162.60
							2.04	-796.44	-6.79	---	---	---	---	---	-2756.00	170.84

							4.07	-524.01	-2.02	---	---	---	---	---	-2756.00	132.21
9	-472.59	0.02	51.79	0.00	-0.02	0.02	0.00	-685.98	-10.63	0.02	0.03	0.03	0.25	0.82	-1503.36	125.02
							2.04	-770.24	-7.99	---	---	0.02	0.18	0.86	-1574.26	126.87
							4.07	-514.29	-3.86	---	---	0.02	0.22	0.84	-1534.39	112.10
10	-472.74	0.02	51.79	0.00	-0.02	0.02	0.00	-691.62	-11.35	0.02	0.03	0.03	0.26	0.81	-1495.28	125.23
							2.04	-778.17	-7.95	---	---	0.02	0.18	0.86	-1574.26	126.89
							4.07	-518.70	-3.48	---	---	0.02	0.22	0.84	-1534.34	112.59
11	-478.18	0.02	51.79	0.00	-0.02	0.02	0.00	-698.92	-10.53	0.02	0.03	0.03	0.25	0.82	-1506.16	125.49
							2.04	-784.58	-8.02	---	---	0.02	0.18	0.86	-1574.26	126.89
							4.07	-522.61	-3.72	---	---	0.02	0.22	0.83	-1532.50	113.01
12	-467.15	0.02	51.79	0.00	-0.02	0.02	0.00	-678.67	-11.45	0.02	0.03	0.03	0.27	0.81	-1492.24	124.72
							2.04	-763.84	-7.92	---	---	0.02	0.18	0.86	-1574.26	126.83
							4.07	-510.38	-3.62	---	---	0.02	0.22	0.84	-1536.27	111.67
1							4.07	-395.51	-7.08	---	---	---	---	---	-2544.00	96.95
							6.33	-347.80	-17.28	---	---	---	---	---	-2544.00	87.56
							8.58	-195.09	-7.69	---	---	---	---	---	-2544.00	53.25
3							4.07	-297.32	-5.12	---	---	---	---	---	-2544.00	76.93
							6.33	-268.06	-12.38	---	---	---	---	---	-2544.00	70.45
							8.58	-157.88	-6.45	---	---	---	---	---	-2544.00	43.91
5							4.07	-493.61	-5.50	---	---	---	---	---	-2544.00	114.28
							6.33	-406.18	-13.14	---	---	---	---	---	-2544.00	98.97
							8.58	-219.32	-4.53	---	---	---	---	---	-2544.00	59.12
7							4.07	-479.50	-2.19	---	---	---	---	---	-2544.00	111.95
							6.33	-376.50	-4.68	---	---	---	---	---	-2544.00	93.28
							8.58	-202.87	-0.58	---	---	---	---	---	-2544.00	55.15
9	-190.37	0.03	0.00	0.00	0.00	0.05	4.07	-472.59	-4.46	0.01	0.03	0.03	0.32	0.76	-1287.96	95.30
							6.33	-384.61	-4.07	---	---	0.02	0.23	0.81	-1369.96	84.60
							8.58	-217.45	-3.80	---	---	0.05	0.46	0.69	-1170.05	55.40
10	-190.21	0.03	0.00	0.00	0.00	0.05	4.07	-472.74	-4.06	0.01	0.03	0.03	0.32	0.76	-1295.45	95.31
							6.33	-389.35	-3.23	---	---	0.02	0.23	0.81	-1369.96	85.26
							8.58	-220.07	-3.34	---	---	0.05	0.46	0.69	-1170.05	55.94
11	-191.14	0.03	0.00	0.00	0.00	0.05	4.07	-478.18	-4.32	0.01	0.03	0.03	0.32	0.76	-1291.47	95.87
							6.33	-390.57	-3.84	---	---	0.02	0.23	0.81	-1369.96	85.43
							8.58	-220.18	-3.52	---	---	0.05	0.46	0.69	-1170.05	55.97
12	-189.44	0.03	0.00	0.00	0.00	0.05	4.07	-467.15	-4.20	0.01	0.03	0.03	0.32	0.76	-1291.94	94.73
							6.33	-383.39	-3.46	---	---	0.02	0.23	0.81	-1369.96	84.43
							8.58	-217.34	-3.62	---	---	0.05	0.46	0.69	-1170.05	55.37
1							8.58	-145.76	-7.14	---	---	---	---	---	-2332.00	37.14
							10.46	-122.79	-11.35	---	---	---	---	---	-2332.00	31.68
3							8.58	-128.34	-6.28	---	---	---	---	---	-2332.00	33.01
							10.46	-114.14	-9.36	---	---	---	---	---	-2332.00	29.58
5							8.58	-163.27	-3.68	---	---	---	---	---	-2332.00	41.20
							10.46	-129.55	-6.88	---	---	---	---	---	-2332.00	33.30
7							8.58	-160.86	0.15	---	---	---	---	---	-2332.00	40.65
							10.46	-126.69	-1.06	---	---	---	---	---	-2332.00	32.61
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-190.37	-3.55	0.02	0.10	0.10	1.14	0.48	-739.80	44.81
							10.46	-164.43	-2.88	---	---	0.09	0.94	0.54	-843.38	39.59
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-190.21	-3.11	0.02	0.10	0.10	1.11	0.48	-752.59	44.78
							10.46	-164.23	-2.30	---	---	0.09	0.94	0.54	-843.38	39.55
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-191.14	-3.32	0.02	0.10	0.10	1.13	0.48	-746.92	44.96
							10.46	-164.73	-2.68	---	---	0.09	0.94	0.54	-843.38	39.65
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-189.44	-3.34	0.02	0.10	0.10	1.13	0.48	-745.46	44.63
							10.46	-163.93	-2.50	---	---	0.09	0.94	0.54	-843.38	39.49

Verifiche per azioni nel piano

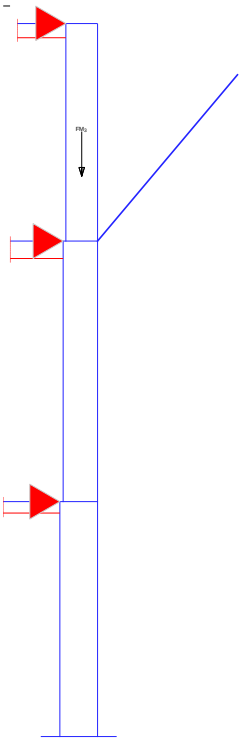
CC	Zv <m>	N <kN>	Mv <kNm>	Mu <kNm>	VEd <kN>	Vu <kN>
1	0.00	-616.68	0.00	722.40	89.71	199.31
1	2.04	-692.63	0.00	775.67	150.94	209.84
1	4.07	-455.14	0.00	583.07	79.08	174.83
3	0.00	-449.87	-0.00	577.93	71.20	173.98
3	2.04	-511.12	0.00	635.36	129.21	183.69
3	4.07	-339.33	-0.00	461.39	54.69	154.92
5	0.00	-764.41	0.00	818.81	54.99	219.32
5	2.04	-846.27	0.00	859.48	78.24	229.66
5	4.07	-554.58	0.00	673.03	60.71	190.27
7	0.00	-724.22	0.00	795.52	6.72	214.06
7	2.04	-796.44	0.00	835.81	5.80	223.42
7	4.07	-524.01	0.00	646.81	20.58	185.66
9	0.00	-685.98	-0.00	611.62	6.54	167.47
9	2.04	-770.24	-0.00	620.67	10.11	176.72
9	4.07	-514.29	-0.00	548.44	4.41	146.82
10	0.00	-691.62	0.00	612.68	6.54	168.10
10	2.04	-778.17	0.00	620.78	10.11	177.57
10	4.07	-518.70	0.00	550.81	4.41	147.38
11	0.00	-698.92	0.00	613.95	2.51	168.92
11	2.04	-784.58	0.00	620.77	2.64	178.25
11	4.07	-522.61	0.00	552.88	2.70	147.88

12	0.00	-678.67	-0.00	610.16	2.51	166.64
12	2.04	-763.84	-0.00	620.49	2.64	176.03
12	4.07	-510.38	-0.00	546.30	2.70	146.31
1	4.07	-395.51	0.00	513.84	87.16	144.63
1	6.33	-347.80	0.00	464.05	88.60	137.15
1	8.58	-195.09	0.00	282.21	32.36	109.80
3	4.07	-297.32	-0.00	407.73	67.74	128.75
3	6.33	-268.06	0.00	373.38	72.19	123.62
3	8.58	-157.88	0.00	232.70	14.88	102.03
5	4.07	-493.61	0.00	605.68	55.60	158.93
5	6.33	-406.18	0.00	524.52	51.47	146.26
5	8.58	-219.32	0.00	313.35	36.22	114.57
7	4.07	-479.50	0.00	593.35	9.13	156.95
7	6.33	-376.50	0.00	494.40	3.23	141.70
7	8.58	-202.87	0.00	292.30	22.05	111.35
9	4.07	-472.59	-0.00	505.09	4.44	124.33
9	6.33	-384.61	-0.00	448.37	4.25	113.41
9	8.58	-217.45	-0.00	293.60	1.09	89.08
10	4.07	-472.74	0.00	505.17	4.44	124.34
10	6.33	-389.35	0.00	451.87	4.25	114.03
10	8.58	-220.07	0.00	296.50	1.09	89.51
11	4.07	-478.18	0.00	508.11	2.31	124.99
11	6.33	-390.57	0.00	452.76	2.02	114.19
11	8.58	-220.18	0.00	296.62	1.53	89.53
12	4.07	-467.15	-0.00	502.07	2.31	123.68
12	6.33	-383.39	-0.00	447.47	2.02	113.26
12	8.58	-217.34	-0.00	293.47	1.53	89.06
1	8.58	-145.76	0.00	214.72	30.87	112.13
1	10.46	-122.79	0.00	183.14	47.98	106.02
3	8.58	-128.34	-0.00	190.85	20.22	107.53
3	10.46	-114.14	0.00	171.03	40.26	103.63
5	8.58	-163.27	0.00	238.22	25.40	116.57
5	10.46	-129.55	0.00	192.53	26.11	107.86
7	8.58	-160.86	0.00	235.02	10.07	115.97
7	10.46	-126.69	0.00	188.57	0.37	107.09
9	8.58	-190.37	0.00	259.08	1.06	95.87
9	10.46	-164.43	0.00	228.92	1.93	90.49
10	8.58	-190.21	-0.00	258.91	1.06	95.84
10	10.46	-164.23	-0.00	228.68	1.93	90.45
11	8.58	-191.14	0.00	259.95	0.95	96.02
11	10.46	-164.73	0.00	229.27	0.51	90.55
12	8.58	-189.44	-0.00	258.04	0.95	95.68
12	10.46	-163.93	-0.00	228.32	0.51	90.38

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.48	1.24	2.43	0.00	4.07	4	SLD	0.34	0.89	3.39	0.00	4.07	6	SLD	0.73	1.90	1.58
0.00	4.07	8	SLD	0.64	1.66	1.81	4.07	8.58	2	SLD	0.47	1.11	2.71	4.07	8.58	4	SLD	0.25	0.60	4.97
4.07	8.58	6	SLD	0.77	1.82	1.65	4.07	8.58	8	SLD	0.66	1.57	1.91	8.58	12.35	2	SLD	0.34	0.97	3.08
8.58	12.35	4	SLD	0.16	0.47	6.44	8.58	12.35	6	SLD	0.57	1.63	1.85	8.58	12.35	8	SLD	0.50	1.41	2.13

Verifiche cinematici
Ribalt. a z=8.58

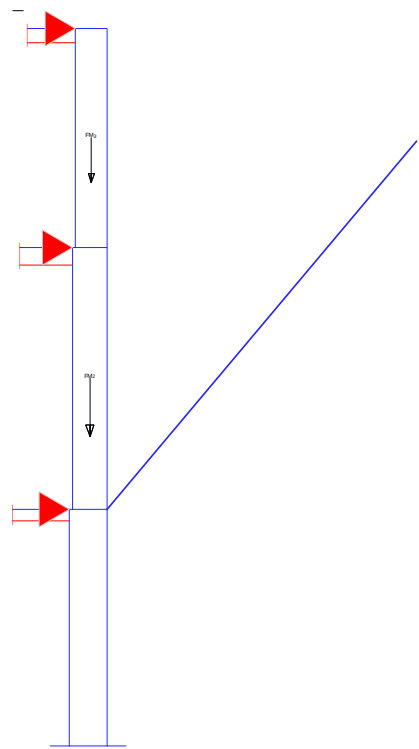


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=14115.00$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

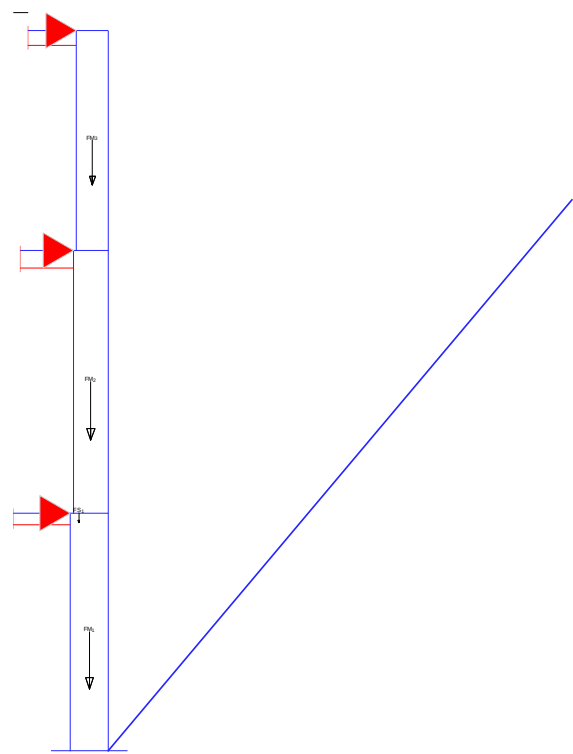


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=25893.50 <kg>
Frazione di massa partecipante e^{*}=0.80
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=145.33 <mm>
Domanda di spostamento [C8A.4.11]=172.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

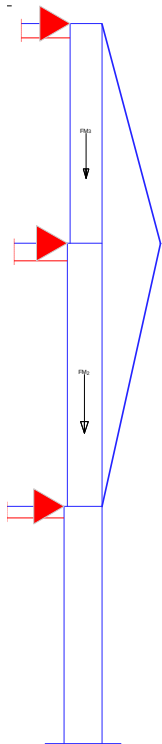


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.67	0.00	2.04	Peso maschio piano 1
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₁		28.14	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=40620.40 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=164.60 <mm>
Domanda di spostamento [C8A.4.11]=191.28 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8605

Fless. a z= 8.58 da z= 4.07 a z=12.35

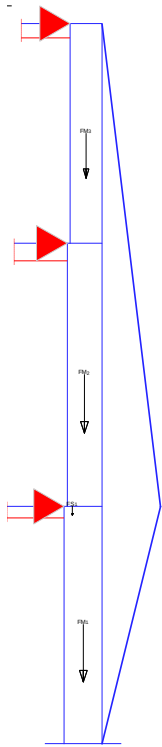


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=32535.70 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=72.85 <mm>
Domanda di spostamento [C8A.4.11]=68.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a z= 4.07 da z= 0.00 a z=12.35

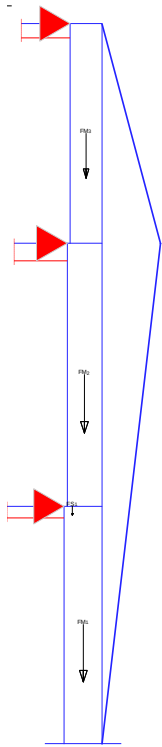


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.67	0.00	2.04	Peso maschio piano 1
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₁		28.14	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=45458.40 <kg>
Frazione di massa partecipante e^{*}=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=111.38 <mm>
Domanda di spostamento [C8A.4.11]=76.71 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4520

Fless. a z= 8.58 da z= 0.00 a z=12.35

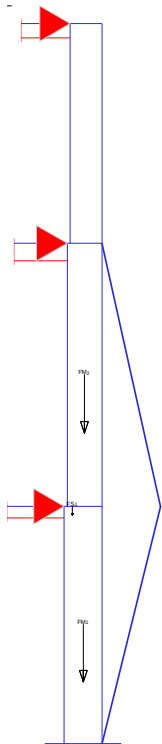


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.67	0.00	2.04	Peso maschio piano 1
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FM ₃		138.47	-0.05	10.46	Peso maschio piano 3
FS ₁		28.14	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=45405.20$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=113.89$ <mm>
Domanda di spostamento [C8A.4.11]=108.33 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0513

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.67	0.00	2.04	Peso maschio piano 1
FM ₂		180.71	-0.03	6.33	Peso maschio piano 2
FS ₁		28.14	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=37115.80 <kg>
 Frazione di massa partecipante e^{*}=0.94
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=80.92 <mm>
 Domanda di spostamento [C8A.4.11]=69.21 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1691

Maschio in muratura ordinaria n. 23

Xg=5.11 <m> Yg=12.54 <m> L=1.37 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi <m>	zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VRK} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.65	3.87	0.03	101	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					113	-0.18												
					112	-0.18												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
					207	-0.17												
8.58	12.35	0.55	3.52		402	-0.15			0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
					302	-0.15												
					403	-0.15												
					303	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-271.14	-4.19	---	---	---	---	---	-1187.33	64.45
							2.04	-401.31	-3.09	---	---	---	---	---	-1187.33	78.56
							4.07	-211.35	-1.34	---	---	---	---	---	-1187.33	54.30
3							0.00	-191.02	-0.85	---	---	---	---	---	-1187.33	50.33
							2.04	-284.53	-1.68	---	---	---	---	---	-1187.33	66.40
							4.07	-151.63	-0.30	---	---	---	---	---	-1187.33	41.88
5							0.00	-343.46	-7.24	---	---	---	---	---	-1187.33	73.64
							2.04	-504.09	-4.03	---	---	---	---	---	-1187.33	82.00
							4.07	-257.67	-2.34	---	---	---	---	---	-1187.33	62.36
7							0.00	-325.31	-6.50	---	---	---	---	---	-1187.33	71.65
							2.04	-475.39	-3.43	---	---	---	---	---	-1187.33	81.72

							4.07	-237.65	-2.16	---	---	---	---	---	-1187.33	59.05
9	-206.01	0.02	11.56	0.00	-0.01	0.03	0.00	-303.44	-0.50	---	---	0.02	0.18	0.86	-678.22	54.14
							2.04	-443.74	-1.43	0.00	0.02	0.02	0.18	0.85	-676.13	49.10
							4.07	-223.54	-1.06	---	---	0.03	0.31	0.79	-625.42	48.51
10	-210.94	0.02	11.56	0.00	-0.01	0.03	0.00	-306.71	-0.45	---	---	0.02	0.18	0.86	-678.22	54.24
							2.04	-449.15	-1.46	0.00	0.02	0.02	0.18	0.85	-675.62	48.53
							4.07	-227.41	-1.03	---	---	0.03	0.31	0.79	-624.50	48.93
11	-211.27	0.02	11.56	0.00	-0.01	0.03	0.00	-310.27	-0.19	---	---	0.02	0.18	0.86	-678.22	54.34
							2.04	-453.57	-1.38	0.00	0.02	0.02	0.18	0.85	-676.37	48.04
							4.07	-228.64	-1.02	---	---	0.03	0.31	0.79	-624.44	49.06
12	-205.68	0.02	11.56	0.00	-0.01	0.03	0.00	-299.89	-0.76	---	---	0.02	0.18	0.86	-678.22	54.02
							2.04	-439.33	-1.51	0.00	0.02	0.02	0.19	0.85	-675.36	49.55
							4.07	-222.31	-1.08	---	---	0.03	0.31	0.79	-625.49	48.38
1							4.07	-212.83	-1.57	---	---	---	---	---	-1096.00	49.26
							6.33	-165.49	-3.04	---	---	---	---	---	-1096.00	40.83
							8.58	-81.48	-1.37	---	---	---	---	---	-1096.00	22.31
3							4.07	-153.17	-0.37	---	---	---	---	---	-1096.00	38.40
							6.33	-136.53	-1.63	---	---	---	---	---	-1096.00	34.96
							8.58	-75.12	-0.88	---	---	---	---	---	-1096.00	20.72
5							4.07	-251.78	-2.56	---	---	---	---	---	-1096.00	55.12
							6.33	-190.83	-3.71	---	---	---	---	---	-1096.00	45.52
							8.58	-82.61	-1.57	---	---	---	---	---	-1096.00	22.58
7							4.07	-225.51	-2.21	---	---	---	---	---	-1096.00	51.28
							6.33	-183.59	-2.88	---	---	---	---	---	-1096.00	44.22
							8.58	-77.21	-1.25	---	---	---	---	---	-1096.00	21.24
9	-74.39	0.03	0.00	0.00	0.00	0.05	4.07	-206.01	-1.00	---	---	0.02	0.21	0.82	-597.59	41.30
							6.33	-205.47	-0.66	---	---	0.02	0.23	0.81	-590.20	41.25
							8.58	-105.92	-1.44	0.01	0.04	0.04	0.37	0.74	-539.48	26.36
10	-74.66	0.03	0.00	0.00	0.00	0.05	4.07	-210.94	-0.94	---	---	0.02	0.21	0.82	-597.59	41.79
							6.33	-204.35	-0.71	---	---	0.02	0.23	0.81	-590.20	41.13
							8.58	-104.97	-1.43	0.01	0.04	0.04	0.37	0.74	-539.39	26.17
11	-74.49	0.03	0.00	0.00	0.00	0.05	4.07	-211.27	-0.92	---	---	0.02	0.21	0.82	-597.59	41.82
							6.33	-206.57	-0.60	---	---	0.02	0.23	0.81	-590.20	41.36
							8.58	-105.65	-1.47	0.01	0.04	0.04	0.37	0.74	-538.07	26.30
12	-74.56	0.03	0.00	0.00	0.00	0.05	4.07	-205.68	-1.02	---	---	0.02	0.21	0.82	-597.59	41.27
							6.33	-203.25	-0.77	---	---	0.02	0.23	0.81	-590.20	41.02
							8.58	-105.25	-1.39	0.01	0.04	0.04	0.36	0.74	-540.80	26.22
1							8.58	-56.47	-1.30	---	---	---	---	---	-1004.66	14.50
							10.46	-55.83	-2.98	---	---	---	---	---	-1004.66	14.35
3							8.58	-50.29	-0.93	---	---	---	---	---	-1004.66	13.01
							10.46	-49.75	-1.74	---	---	---	---	---	-1004.66	12.88
5							8.58	-60.80	-1.39	---	---	---	---	---	-1004.66	15.53
							10.46	-59.22	-2.80	---	---	---	---	---	-1004.66	15.16
7							8.58	-58.32	-1.08	---	---	---	---	---	-1004.66	14.94
							10.46	-56.05	-1.40	---	---	---	---	---	-1004.66	14.40
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-74.39	-1.23	---	---	0.02	0.19	0.84	-562.90	17.78
							10.46	-71.92	0.93	---	---	0.09	0.94	0.54	-363.34	17.28
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-74.66	-1.19	---	---	0.02	0.19	0.84	-562.90	17.84
							10.46	-72.33	0.82	---	---	0.09	0.94	0.54	-363.34	17.36
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-74.49	-1.20	---	---	0.02	0.19	0.84	-562.90	17.80
							10.46	-72.21	0.93	---	---	0.09	0.94	0.54	-363.34	17.34
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-74.56	-1.23	---	---	0.02	0.19	0.84	-562.90	17.82
							10.46	-72.05	0.81	---	---	0.09	0.94	0.54	-363.34	17.31

Verifiche per azioni nel piano

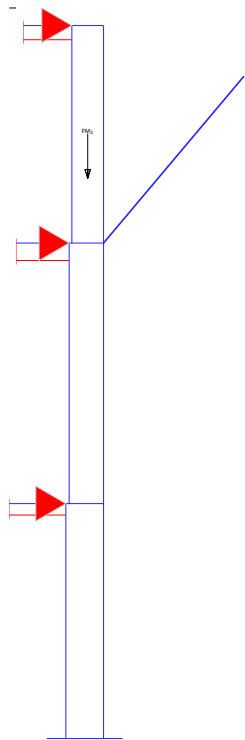
CC	Zv <m>	N <kN>	Mv <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-271.14	18.61	135.83	38.17	70.29
1	2.04	-401.31	16.00	165.59	90.20	83.87
1	4.07	-211.35	2.78	114.45	35.25	63.09
3	0.00	-191.02	14.59	106.08	26.15	60.44
3	2.04	-284.53	10.65	139.95	66.16	71.81
3	4.07	-151.63	1.54	88.26	26.69	54.95
5	0.00	-343.46	11.68	155.20	29.68	78.13
5	2.04	-504.09	12.91	172.83	63.51	93.20
5	4.07	-257.67	2.72	131.44	23.55	68.73
7	0.00	-325.31	1.72	151.01	10.39	76.24
7	2.04	-475.39	4.92	172.25	16.61	90.69
7	4.07	-237.65	1.42	124.45	4.97	66.35
9	0.00	-303.44	1.18	114.11	2.46	59.25
9	2.04	-443.74	0.86	103.49	5.45	70.82
9	4.07	-223.54	-0.17	102.25	1.98	51.52
10	0.00	-306.71	-1.18	114.32	2.46	59.55
10	2.04	-449.15	-0.86	102.28	5.45	71.22
10	4.07	-227.41	0.17	103.12	1.98	51.92
11	0.00	-310.27	0.04	114.52	0.31	59.87
11	2.04	-453.57	-0.13	101.25	0.36	71.56
11	4.07	-228.64	0.07	103.39	0.06	52.05

12	0.00	-299.89	-0.04	113.86	0.31	58.93
12	2.04	-439.33	0.13	104.44	0.36	70.48
12	4.07	-222.31	-0.07	101.97	0.06	51.40
1	4.07	-212.83	13.65	112.48	46.23	60.45
1	6.33	-165.49	14.74	93.22	41.30	54.33
1	8.58	-81.48	3.37	50.93	23.90	41.29
3	4.07	-153.17	10.67	87.67	35.81	52.62
3	6.33	-136.53	11.38	79.82	29.29	50.22
3	8.58	-75.12	1.63	47.31	18.16	40.13
5	4.07	-251.78	8.62	125.86	29.68	65.06
5	6.33	-190.83	9.53	103.94	30.60	57.69
5	8.58	-82.61	3.65	51.57	15.86	41.49
7	4.07	-225.51	1.32	117.08	5.07	61.99
7	6.33	-183.59	1.69	100.98	9.43	56.75
7	8.58	-77.21	2.15	48.51	3.24	40.52
9	4.07	-206.01	0.71	94.31	2.57	47.53
9	6.33	-205.47	-0.75	94.18	1.86	47.47
9	8.58	-105.92	-0.13	60.18	1.08	35.61
10	4.07	-210.94	-0.71	95.42	2.57	48.04
10	6.33	-204.35	0.75	93.92	1.86	47.35
10	8.58	-104.97	0.13	59.75	1.08	35.48
11	4.07	-211.27	0.06	95.49	0.04	48.07
11	6.33	-206.57	-0.06	94.44	0.05	47.58
11	8.58	-105.65	0.07	60.06	0.04	35.57
12	4.07	-205.68	-0.06	94.23	0.04	47.49
12	6.33	-203.25	0.06	93.66	0.05	47.24
12	8.58	-105.25	-0.07	59.88	0.04	35.52
1	8.58	-56.47	4.68	36.13	18.89	34.42
1	10.46	-55.83	4.53	35.74	15.37	34.29
3	8.58	-50.29	3.71	32.42	15.18	33.18
3	10.46	-49.75	2.94	32.09	10.25	33.06
5	8.58	-60.80	2.89	38.68	11.29	35.27
5	10.46	-59.22	3.77	37.76	12.37	34.96
7	8.58	-58.32	0.37	37.22	1.08	34.78
7	10.46	-56.05	1.52	35.88	4.69	34.34
9	8.58	-74.39	0.21	44.30	0.85	29.32
9	10.46	-71.92	0.15	43.04	0.64	28.94
10	8.58	-74.66	-0.21	44.43	0.85	29.36
10	10.46	-72.33	-0.15	43.25	0.64	29.00
11	8.58	-74.49	0.05	44.35	0.20	29.34
11	10.46	-72.21	-0.08	43.19	0.20	28.98
12	8.58	-74.56	-0.05	44.38	0.20	29.35
12	10.46	-72.05	0.08	43.11	0.20	28.96

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.46	1.19	2.53	0.00	4.07	4	SLD	0.35	0.91	3.31	0.00	4.07	6	SLD	0.80	2.07	1.45
0.00	4.07	8	SLD	0.73	1.88	1.60	4.07	8.58	2	SLD	0.48	1.14	2.63	4.07	8.58	4	SLD	0.29	0.68	4.42
4.07	8.58	6	SLD	0.87	2.07	1.45	4.07	8.58	8	SLD	0.78	1.86	1.61	8.58	12.35	2	SLD	0.36	1.02	2.95
8.58	12.35	4	SLD	0.18	0.52	5.76	8.58	12.35	6	SLD	0.66	1.86	1.61	8.58	12.35	8	SLD	0.59	1.68	1.78

Verifiche cinematici
Ribalt. a z=8.58

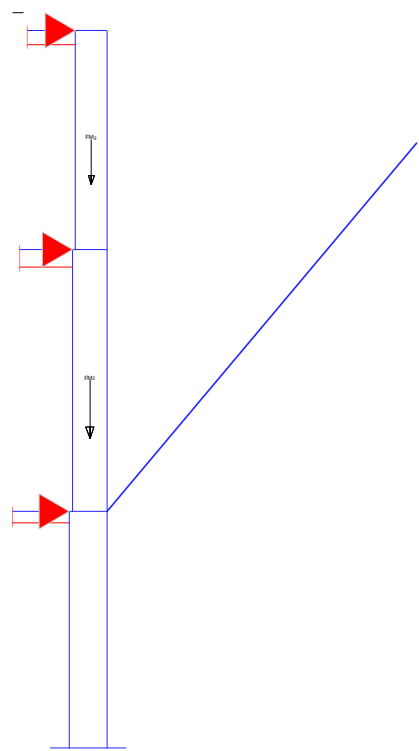


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=6080.97$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

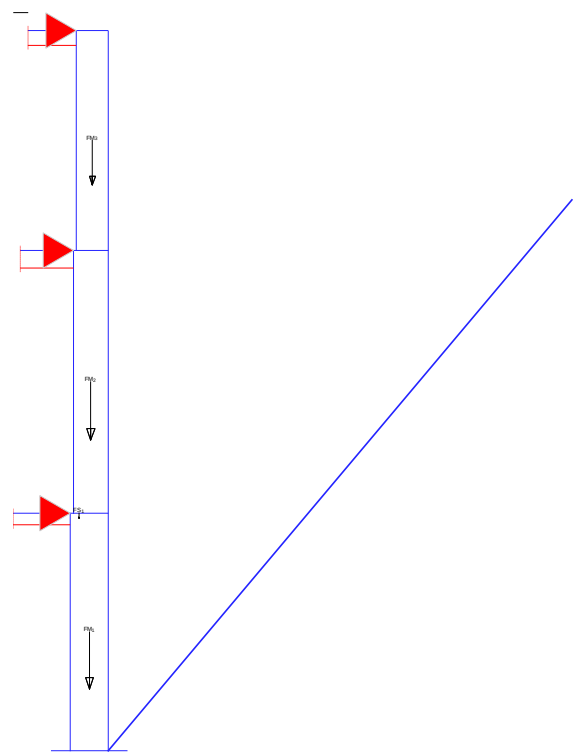


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=11155.30$ <kg>
 Frazione di massa partecipante $e^*=0.80$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=145.33$ <mm>
 Domanda di spostamento [C8A.4.11]=172.20 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
 Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

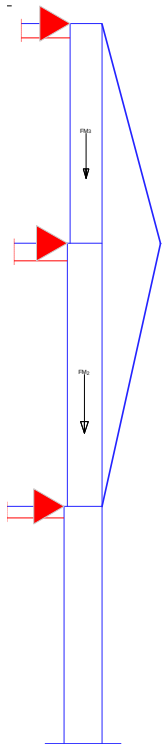


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		76.11	0.00	2.04	Peso maschio piano 1
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₁		6.28	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=17037.90$ <kg>
Frazione di massa partecipante $e^*=0.76$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=161.97$ <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8466

Fless. a z= 8.58 da z= 4.07 a z=12.35

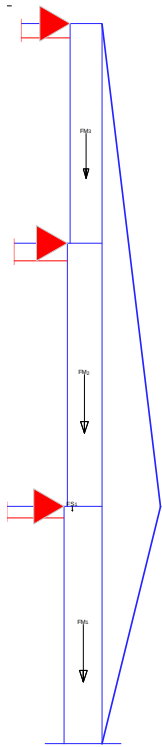


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=14016.90 <kg>
Frazione di massa partecipante e*=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u*=72.85 <mm>
Domanda di spostamento [C8A.4.11]=68.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a z= 4.07 da z= 0.00 a z=12.35

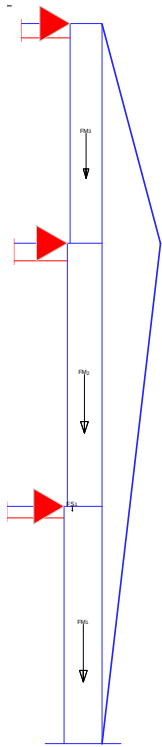


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		76.11	0.00	2.04	Peso maschio piano 1
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₁		6.28	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=19217.70$ <kg>
Frazione di massa partecipante $e^*=0.86$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=106.91$ <mm>
Domanda di spostamento [C8A.4.11]=74.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4378

Fless. a z= 8.58 da z= 0.00 a z=12.35

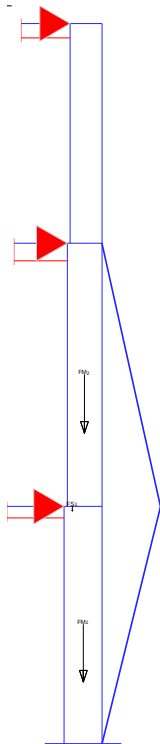


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		76.11	0.00	2.04	Peso maschio piano 1
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FM ₃		59.65	-0.05	10.46	Peso maschio piano 3
FS ₁		6.28	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=18985.60$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.75$ <mm>
Domanda di spostamento [C8A.4.11]=107.36 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0502

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		76.11	0.00	2.04	Peso maschio piano 1
FM ₂		77.85	-0.03	6.33	Peso maschio piano 2
FS ₁		6.28	0.18	4.07	Peso solaio piano 1
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=15784.20$ <kg>
 Frazione di massa partecipante $e^*=0.97$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=74.84$ <mm>
 Domanda di spostamento [C8A.4.11]=66.01 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1337

Maschio in muratura ordinaria n. 24

$X_g=7.50$ <m> $Y_g=12.54$ <m> $L=1.23$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

z _i <m>	z _f <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{TKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.65	3.77	0.03	112	-0.18			0.02	0.00	1.00	5.80	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.60	4.21	0.05	207	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.50	3.52		403	-0.14			0.02	0.00	1.00	7.04	3200.00	888.89	1333.33	65.00	27.08	40.63
					303	-0.14												
					405	-0.14												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-289.64	-10.46	---	---	---	---	---	-1065.13	64.02
							2.04	-312.57	-4.86	---	---	---	---	---	-1065.13	66.51
							4.07	-274.38	-4.39	---	---	---	---	---	-1065.13	62.15
3							0.00	-216.32	-4.85	---	---	---	---	---	-1065.13	53.51
							2.04	-230.50	-4.35	---	---	---	---	---	-1065.13	55.84
							4.07	-207.98	-2.10	---	---	---	---	---	-1065.13	52.07
5							0.00	-350.14	-14.89	---	---	---	---	---	-1065.13	69.79
							2.04	-400.05	-5.21	---	---	---	---	---	-1065.13	72.57
							4.07	-339.69	-5.95	---	---	---	---	---	-1065.13	68.98
7							0.00	-328.69	-13.07	---	---	---	---	---	-1065.13	68.04
							2.04	-392.95	-5.00	---	---	---	---	---	-1065.13	72.28
							4.07	-329.26	-5.01	---	---	---	---	---	-1065.13	68.09
9	-268.32	0.03	0.00	0.00	0.00	0.04	0.00	-320.68	-5.02	---	---	0.02	0.17	0.86	-612.43	48.85
							2.04	-391.24	-6.11	0.02	0.04	0.04	0.35	0.77	-549.13	44.73

							4.07	-338.85	-3.58	---	---	0.04	0.40	0.74	-527.75	48.30
10	-273.47	0.03	0.00	0.00	0.00	0.04	0.00	-325.65	-5.26	---	---	0.02	0.17	0.86	-612.43	48.73
							2.04	-391.14	-6.12	0.02	0.04	0.04	0.35	0.77	-549.02	44.74
							4.07	-336.90	-3.42	---	---	0.04	0.40	0.74	-527.75	48.38
11	-273.94	0.03	0.00	0.00	0.00	0.04	0.00	-328.03	-4.67	---	---	0.02	0.17	0.86	-612.43	48.67
							2.04	-396.60	-6.20	0.02	0.04	0.04	0.35	0.77	-549.10	44.20
							4.07	-342.16	-3.67	---	---	0.04	0.40	0.74	-527.75	48.16
12	-267.85	0.03	0.00	0.00	0.00	0.04	0.00	-318.30	-5.61	---	---	0.02	0.17	0.86	-612.43	48.89
							2.04	-385.78	-6.03	0.02	0.04	0.04	0.35	0.77	-549.06	45.24
							4.07	-333.59	-3.32	---	---	0.04	0.40	0.74	-527.75	48.50
1							4.07	-253.07	-2.87	---	---	---	---	---	-983.20	52.93
							6.33	-114.29	-1.40	---	---	---	---	---	-983.20	29.60
							8.58	-97.61	-2.66	---	---	---	---	---	-983.20	25.86
3							4.07	-198.82	-0.88	---	---	---	---	---	-983.20	45.46
							6.33	-92.87	-0.78	---	---	---	---	---	-983.20	24.77
							8.58	-78.45	-1.15	---	---	---	---	---	-983.20	21.33
5							4.07	-286.07	-4.26	---	---	---	---	---	-983.20	56.44
							6.33	-123.60	-1.75	---	---	---	---	---	-983.20	31.60
							8.58	-111.88	-3.68	---	---	---	---	---	-983.20	29.07
7							4.07	-260.10	-3.46	---	---	---	---	---	-983.20	53.75
							6.33	-110.15	-1.42	---	---	---	---	---	-983.20	28.69
							8.58	-104.95	-3.05	---	---	---	---	---	-983.20	27.53
9	-86.53	0.05	0.00	0.00	0.00	0.07	4.07	-268.32	-1.59	0.01	0.04	0.04	0.41	0.71	-467.58	41.73
							6.33	-125.30	-0.52	---	---	0.04	0.36	0.74	-487.52	29.14
							8.58	-116.62	-1.31	---	---	0.07	0.71	0.60	-394.79	27.66
10	-88.53	0.05	0.00	0.00	0.00	0.07	4.07	-273.47	-1.49	0.01	0.04	0.04	0.41	0.72	-469.26	41.77
							6.33	-122.92	-0.53	---	---	0.04	0.36	0.74	-487.52	28.74
							8.58	-115.52	-1.26	---	---	0.07	0.71	0.60	-394.79	27.47
11	-87.89	0.05	0.00	0.00	0.00	0.07	4.07	-273.94	-1.66	0.01	0.04	0.04	0.42	0.71	-467.14	41.77
							6.33	-125.37	-0.56	---	---	0.04	0.36	0.74	-487.52	29.15
							8.58	-117.04	-1.35	---	---	0.07	0.71	0.60	-394.79	27.74
12	-87.17	0.05	0.00	0.00	0.00	0.07	4.07	-267.85	-1.42	0.01	0.04	0.04	0.41	0.72	-469.75	41.72
							6.33	-122.84	-0.50	---	---	0.04	0.36	0.74	-487.52	28.73
							8.58	-115.09	-1.22	---	---	0.07	0.71	0.60	-394.79	27.39
1							8.58	-81.45	-2.51	---	---	---	---	---	-819.33	17.98
							10.46	-32.75	-1.94	---	---	---	---	---	-819.33	7.80
3							8.58	-71.01	-0.90	---	---	---	---	---	-819.33	15.94
							10.46	-30.49	-0.31	---	---	---	---	---	-819.33	7.29
5							8.58	-81.83	-3.70	---	---	---	---	---	-819.33	18.05
							10.46	-33.57	-3.19	---	---	---	---	---	-819.33	7.99
7							8.58	-71.71	-3.13	---	---	---	---	---	-819.33	16.08
							10.46	-32.01	-2.64	---	---	---	---	---	-819.33	7.63
9	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-86.53	-1.21	0.01	0.09	0.09	1.11	0.47	-257.24	17.60
							10.46	-44.92	0.04	---	---	0.08	0.95	0.53	-287.64	10.14
10	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-88.53	-1.20	0.01	0.09	0.09	1.11	0.47	-258.14	17.91
							10.46	-44.93	0.04	---	---	0.08	0.95	0.53	-287.64	10.14
11	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-87.89	-1.28	0.01	0.09	0.09	1.12	0.47	-256.12	17.81
							10.46	-44.98	-0.04	---	---	0.08	0.95	0.53	-287.64	10.16
12	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-87.17	-1.14	0.01	0.09	0.09	1.10	0.47	-259.28	17.70
							10.46	-44.87	0.11	---	---	0.08	0.95	0.53	-287.64	10.13

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{ed} <kN>	Vu <kN>
1	0.00	-289.64	7.35	121.04	52.84	68.16
1	2.04	-312.57	10.35	125.76	59.92	70.54
1	4.07	-274.38	4.13	117.51	45.38	66.53
3	0.00	-216.32	5.72	101.17	46.15	59.90
3	2.04	-230.50	6.16	105.58	49.54	61.59
3	4.07	-207.98	-1.09	98.45	37.67	58.89
5	0.00	-350.14	4.68	131.95	26.00	74.29
5	2.04	-400.05	9.46	137.21	33.73	78.98
5	4.07	-339.69	9.15	130.42	25.30	73.26
7	0.00	-328.69	0.75	128.65	3.70	72.17
7	2.04	-392.95	4.51	136.66	0.89	78.33
7	4.07	-329.26	8.24	128.75	0.39	72.23
9	0.00	-320.68	0.48	92.36	3.66	57.37
9	2.04	-391.24	0.52	84.58	3.91	63.01
9	4.07	-338.85	0.02	91.33	2.61	58.88
10	0.00	-325.65	-0.48	92.14	3.66	57.79
10	2.04	-391.14	-0.52	84.60	3.91	63.00
10	4.07	-336.90	-0.02	91.47	2.61	58.72
11	0.00	-328.03	0.14	92.02	0.26	57.99
11	2.04	-396.60	-0.16	83.57	0.86	63.42
11	4.07	-342.16	0.34	91.06	0.58	59.15
12	0.00	-318.30	-0.14	92.45	0.26	57.17
12	2.04	-385.78	0.16	85.54	0.86	62.59
12	4.07	-333.59	-0.34	91.69	0.58	58.44

Fascicolo dei calcoli

1	4.07	-253.07	5.42	108.42	66.29	61.39
1	6.33	-114.29	0.87	60.63	37.83	43.82
1	8.58	-97.61	5.47	52.98	42.26	41.21
3	4.07	-198.82	3.91	93.11	57.30	55.19
3	6.33	-92.87	0.39	50.73	32.27	40.44
3	8.58	-78.45	3.63	43.68	36.53	37.99
5	4.07	-286.07	3.91	115.62	33.51	64.87
5	6.33	-123.60	0.99	64.72	19.77	45.22
5	8.58	-111.88	4.42	59.55	21.37	43.46
7	4.07	-260.10	1.11	110.09	3.56	62.14
7	6.33	-110.15	0.61	58.76	1.26	43.19
7	8.58	-104.95	1.69	56.39	2.27	42.38
9	4.07	-268.32	-0.30	85.48	3.76	50.59
9	6.33	-125.30	-0.00	59.68	1.90	35.91
9	8.58	-116.62	0.26	56.66	2.16	34.82
10	4.07	-273.47	0.30	85.56	3.76	51.04
10	6.33	-122.92	0.00	58.87	1.90	35.61
10	8.58	-115.52	-0.26	56.27	2.16	34.68
11	4.07	-273.94	0.13	85.57	0.63	51.08
11	6.33	-125.37	-0.02	59.70	0.21	35.92
11	8.58	-117.04	0.14	56.81	0.27	34.87
12	4.07	-267.85	-0.13	85.46	0.63	50.54
12	6.33	-122.84	0.02	58.84	0.21	35.60
12	8.58	-115.09	-0.14	56.11	0.27	34.62
1	8.58	-81.45	3.16	44.20	33.23	34.36
1	10.46	-32.75	2.75	19.18	15.24	25.30
3	8.58	-71.01	2.76	39.19	25.40	32.63
3	10.46	-30.49	2.03	17.92	13.42	24.80
5	8.58	-81.83	1.55	44.37	21.85	34.42
5	10.46	-33.57	1.92	19.63	7.33	25.48
7	8.58	-71.71	-0.23	39.53	4.26	32.75
7	10.46	-32.01	0.48	18.77	1.27	25.14
9	8.58	-86.53	-0.16	43.26	1.69	27.62
9	10.46	-44.92	-0.14	24.94	0.72	21.34
10	8.58	-88.53	0.16	44.03	1.69	27.89
10	10.46	-44.93	0.14	24.94	0.72	21.34
11	8.58	-87.89	0.02	43.78	0.60	27.81
11	10.46	-44.98	-0.06	24.96	0.04	21.35
12	8.58	-87.17	-0.02	43.51	0.60	27.71
12	10.46	-44.87	0.06	24.91	0.04	21.33

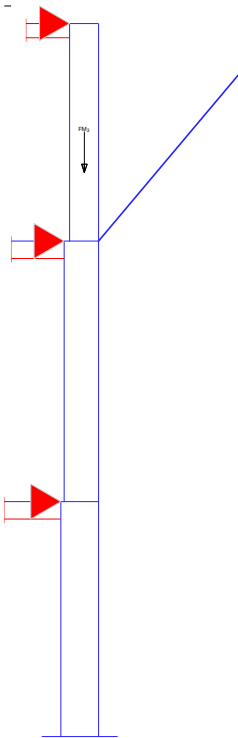
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.50	1.33	2.25
0.00	4.07	8	SLD	0.80	2.13	1.41
4.07	8.58	6	SLD	0.85	2.02	1.49
8.58	12.35	4	SLD	0.18	0.50	5.98

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.96	3.11
4.07	8.58	2	SLD	0.46	1.09	2.75
4.07	8.58	8	SLD	0.76	1.81	1.66
8.58	12.35	6	SLD	0.71	2.02	1.48

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.88	2.33	1.29
4.07	8.58	4	SLD	0.27	0.64	4.72
8.58	12.35	2	SLD	0.37	1.04	2.89
8.58	12.35	8	SLD	0.64	1.83	1.64

Verifiche cinematici
Ribalt. a z=8.58

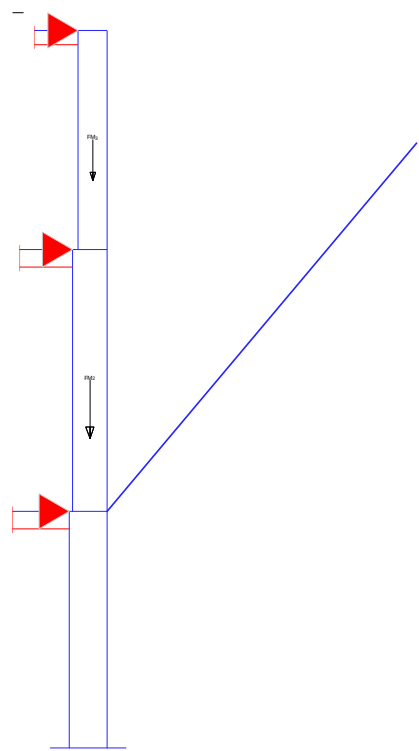


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismp M^{*}=4959.22 <kg>
 Frazione di massa partecipante e^{*}=1.00
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=100.00 <mm>
 Domanda di spostamento [C8A.4.11]=117.49 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8511
 Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.9481

Ribalt. a z=4.07

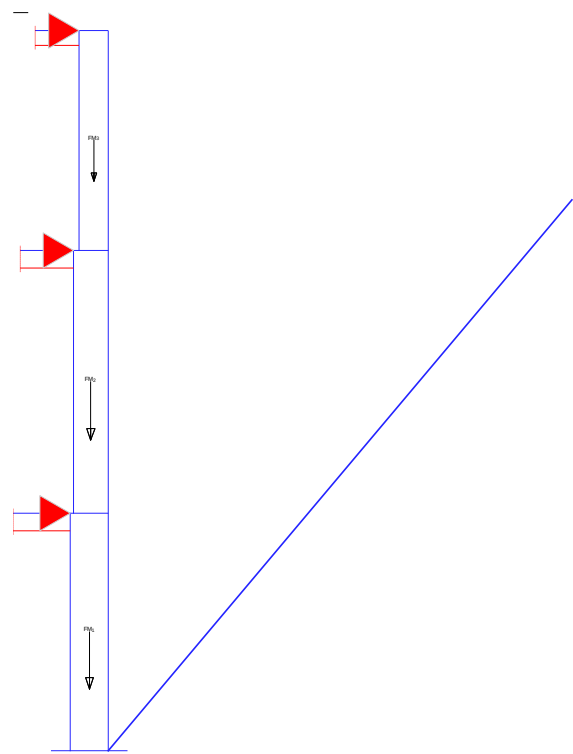


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=9546.65 <kg>
Frazione di massa partecipante e^{*}=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=141.43 <mm>
Domanda di spostamento [C8A.4.11]=170.15 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8312
Domanda di spostamento amplificata [C8A.4.12]=63.72 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2196

Ribalt. a z=0.00

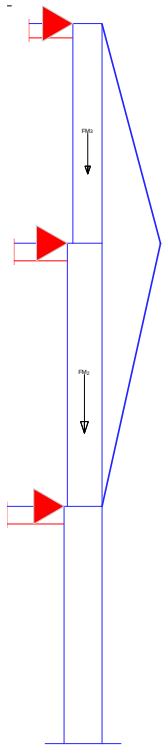


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		68.28	0.00	2.04	Peso maschio piano 1
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=14404.70 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=156.55 <mm>
Domanda di spostamento [C8A.4.11]=191.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8185

Fless. a z= 8.58 da z= 4.07 a z=12.35

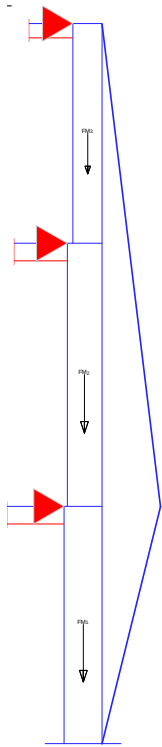


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=12078.40 <kg>
Frazione di massa partecipante e*=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u*=75.88 <mm>
Domanda di spostamento [C8A.4.11]=70.00 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0840
Domanda di spostamento amplificata [C8A.4.12]=85.57 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8868

Fless. a z= 4.07 da z= 0.00 a z=12.35

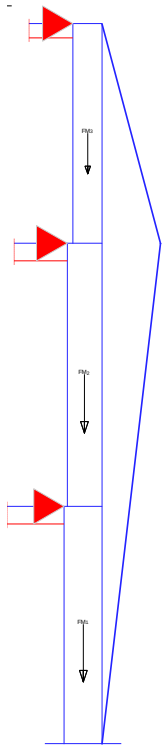


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		68.28	0.00	2.04	Peso maschio piano 1
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=16618.50$ <kg>
Frazione di massa partecipante $e^*=0.87$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=102.82$ <mm>
Domanda di spostamento [C8A.4.11]=72.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4093

Fless. a z= 8.58 da z= 0.00 a z=12.35

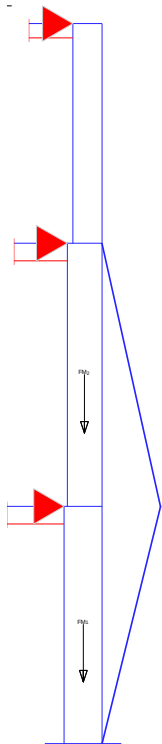


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		68.28	0.00	2.04	Peso maschio piano 1
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FM ₃		48.65	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=15991.60$ <kg>
Frazione di massa partecipante $e^*=0.84$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=116.58$ <mm>
Domanda di spostamento [C8A.4.11]=109.03 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0692

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		68.28	0.00	2.04	Peso maschio piano 1
FM ₂		69.84	-0.03	6.33	Peso maschio piano 2
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematisimo $M^*=14079.20$ <kg>
 Frazione di massa partecipante $e^*=1.00$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=67.64$ <mm>
 Domanda di spostamento [C8A.4.11]=62.34 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0849

Maschio in muratura ordinaria n. 25

Xg=11.29 <m> Yg=12.54 <m> L=0.74 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	F _k	F _d SLU	F _d SLV	F _{VK0}	F _{td} SLU	F _{td} SLV
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03	108	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.60	4.21	0.03	206	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.52		409	-0.15			0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63
					304	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-279.24	2.81	---	---	---	---	---	-643.94	44.45
							2.04	-177.74	-2.82	---	---	---	---	---	-643.94	39.01
							4.07	-154.11	-0.92	---	---	---	---	---	-643.94	35.98
3							0.00	-221.45	0.09	---	---	---	---	---	-643.94	42.85
							2.04	-137.01	-2.41	---	---	---	---	---	-643.94	33.38
							4.07	-131.75	-0.70	---	---	---	---	---	-643.94	32.51
5							0.00	-274.68	5.03	---	---	---	---	---	-643.94	44.47
							2.04	-205.87	-3.04	---	---	---	---	---	-643.94	41.74
							4.07	-148.86	-0.93	---	---	---	---	---	-643.94	35.22
7							0.00	-212.98	4.22	---	---	---	---	---	-643.94	42.29
							2.04	-189.26	-2.82	---	---	---	---	---	-643.94	40.24
							4.07	-122.01	-0.72	---	---	---	---	---	-643.94	30.81
9	-105.54	0.03	0.00	0.00	0.00	0.04	0.00	-240.38	1.34	---	---	0.02	0.18	0.86	-367.83	26.66
							2.04	-199.62	-3.44	0.02	0.04	0.04	0.36	0.76	-326.75	29.39
							4.07	-140.56	-1.07	---	---	0.04	0.41	0.74	-316.69	28.09
10	-106.16	0.03	0.00	0.00	0.00	0.04	0.00	-228.42	1.30	---	---	0.02	0.18	0.86	-367.83	27.77

							2.04	-197.18	-3.42	0.02	0.04	0.04	0.37	0.76	-326.52	29.45
							4.07	-146.50	-1.06	---	---	0.04	0.41	0.74	-316.69	28.50
11	-107.10	0.03	0.00	0.00	0.00	0.04	0.00	-239.16	1.58	---	---	0.02	0.18	0.86	-367.83	26.78
							2.04	-201.58	-3.50	0.02	0.04	0.04	0.36	0.76	-326.56	29.32
							4.07	-145.05	-1.07	---	---	0.04	0.41	0.74	-316.69	28.40
12	-104.60	0.03	0.00	0.00	0.00	0.04	0.00	-229.64	1.05	---	---	0.02	0.18	0.86	-367.83	27.66
							2.04	-195.22	-3.37	0.02	0.04	0.04	0.36	0.76	-326.71	29.50
							4.07	-142.00	-1.06	---	---	0.04	0.41	0.74	-316.69	28.19
1							4.07	-83.35	-1.02	---	---	---	---	---	-594.41	20.88
							6.33	-105.63	-1.24	---	---	---	---	---	-594.41	25.06
							8.58	-59.68	-0.61	---	---	---	---	---	-594.41	15.79
3							4.07	-64.94	-0.87	---	---	---	---	---	-594.41	16.98
							6.33	-94.20	-0.92	---	---	---	---	---	-594.41	22.99
							8.58	-57.19	-0.43	---	---	---	---	---	-594.41	15.22
5							4.07	-101.85	-0.74	---	---	---	---	---	-594.41	24.39
							6.33	-100.37	-0.87	---	---	---	---	---	-594.41	24.13
							8.58	-48.42	-0.47	---	---	---	---	---	-594.41	13.13
7							4.07	-99.29	-0.35	---	---	---	---	---	-594.41	23.93
							6.33	-84.43	-0.23	---	---	---	---	---	-594.41	21.10
							8.58	-36.28	-0.17	---	---	---	---	---	-594.41	10.10
9	-49.19	0.03	0.00	0.00	0.00	0.05	4.07	-105.54	-0.77	0.01	0.03	0.03	0.30	0.77	-305.32	21.74
							6.33	-105.50	-0.20	---	---	0.02	0.23	0.81	-320.09	21.74
							8.58	-54.07	-0.44	---	---	0.05	0.46	0.69	-273.38	13.62
10	-49.05	0.03	0.00	0.00	0.00	0.05	4.07	-106.16	-0.70	0.01	0.03	0.03	0.30	0.77	-306.71	21.81
							6.33	-108.58	-0.13	---	---	0.02	0.23	0.81	-320.09	22.07
							8.58	-56.36	-0.42	---	---	0.05	0.46	0.69	-273.38	14.08
11	-49.01	0.03	0.00	0.00	0.00	0.05	4.07	-107.10	-0.75	0.01	0.03	0.03	0.30	0.77	-305.84	21.91
							6.33	-107.68	-0.17	---	---	0.02	0.23	0.81	-320.09	21.98
							8.58	-55.15	-0.43	---	---	0.05	0.46	0.69	-273.38	13.84
12	-49.24	0.03	0.00	0.00	0.00	0.05	4.07	-104.60	-0.72	0.01	0.03	0.03	0.30	0.77	-306.21	21.64
							6.33	-106.41	-0.15	---	---	0.02	0.23	0.81	-320.09	21.84
							8.58	-55.28	-0.43	---	---	0.05	0.46	0.69	-273.38	13.86
1							8.58	-34.94	-1.00	---	---	---	---	---	-544.88	8.88
							10.46	-41.19	1.83	---	---	---	---	---	-544.88	10.32
3							8.58	-34.11	-0.80	---	---	---	---	---	-544.88	8.69
							10.46	-39.64	1.24	---	---	---	---	---	-544.88	9.97
5							8.58	-34.59	-0.64	---	---	---	---	---	-544.88	8.80
							10.46	-38.43	1.52	---	---	---	---	---	-544.88	9.69
7							8.58	-33.45	-0.14	---	---	---	---	---	-544.88	8.53
							10.46	-34.52	0.66	---	---	---	---	---	-544.88	8.79
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-49.19	-0.53	0.01	0.10	0.10	1.05	0.50	-183.10	11.37
							10.46	-49.85	0.01	---	---	0.09	0.94	0.54	-197.06	11.50
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-49.05	-0.47	0.01	0.10	0.10	1.04	0.51	-184.71	11.35
							10.46	-50.25	0.09	---	---	0.09	0.94	0.54	-197.06	11.57
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-49.01	-0.51	0.01	0.10	0.10	1.05	0.51	-183.62	11.34
							10.46	-49.99	0.08	---	---	0.09	0.94	0.54	-197.06	11.52
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-49.24	-0.49	0.01	0.10	0.10	1.05	0.51	-184.19	11.38
							10.46	-50.11	0.02	---	---	0.09	0.94	0.54	-197.06	11.54

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-279.24	0.00	50.82	41.61	51.05
1	2.04	-177.74	0.00	44.59	18.93	41.48
1	4.07	-154.11	0.00	41.13	34.08	38.92
3	0.00	-221.45	0.00	48.98	33.38	45.85
3	2.04	-137.01	0.00	38.16	15.15	36.96
3	4.07	-131.75	0.00	37.17	29.85	36.33
5	0.00	-274.68	0.00	50.84	24.98	50.66
5	2.04	-205.87	0.00	47.72	11.42	44.34
5	4.07	-148.86	0.00	40.26	16.63	38.33
7	0.00	-212.98	-0.00	48.34	2.48	45.04
7	2.04	-189.26	0.00	46.00	1.20	42.68
7	4.07	-122.01	0.00	35.22	2.55	35.14
9	0.00	-240.38	-0.00	30.47	2.42	38.39
9	2.04	-199.62	0.00	33.59	1.06	35.16
9	4.07	-140.56	-0.00	32.10	1.88	29.89
10	0.00	-228.42	0.00	31.74	2.42	37.47
10	2.04	-197.18	0.00	33.67	1.06	34.96
10	4.07	-146.50	0.00	32.57	1.88	30.46
11	0.00	-239.16	0.00	30.62	0.63	38.29
11	2.04	-201.58	0.00	33.52	0.32	35.33
11	4.07	-145.05	0.00	32.47	0.22	30.32
12	0.00	-229.64	0.00	31.62	0.63	37.56
12	2.04	-195.22	0.00	33.72	0.32	34.80
12	4.07	-142.00	-0.00	32.23	0.22	30.03
1	4.07	-83.35	0.00	25.86	22.89	28.58
1	6.33	-105.63	0.00	31.04	38.98	31.56

Fascicolo dei calcoli

1	8.58	-59.68	0.00	19.55	22.90	25.02
3	4.07	-64.94	-0.00	21.02	19.69	25.86
3	6.33	-94.20	0.00	28.47	31.65	30.07
3	8.58	-57.19	-0.00	18.84	18.30	24.62
5	4.07	-101.85	0.00	30.21	11.73	31.07
5	6.33	-100.37	0.00	29.88	22.81	30.88
5	8.58	-48.42	0.00	16.26	13.85	23.14
7	4.07	-99.29	0.00	29.64	1.04	30.74
7	6.33	-84.43	0.00	26.12	1.62	28.73
7	8.58	-36.28	0.00	12.51	1.49	20.92
9	4.07	-105.54	0.00	26.92	1.17	25.12
9	6.33	-105.50	0.00	26.92	1.86	25.12
9	8.58	-54.07	0.00	16.86	1.10	18.84
10	4.07	-106.16	0.00	27.01	1.17	25.19
10	6.33	-108.58	0.00	27.34	1.86	25.45
10	8.58	-56.36	0.00	17.44	1.10	19.16
11	4.07	-107.10	0.00	27.14	0.11	25.29
11	6.33	-107.68	0.00	27.22	0.50	25.35
11	8.58	-55.15	0.00	17.13	0.31	18.99
12	4.07	-104.60	0.00	26.79	0.11	25.02
12	6.33	-106.41	0.00	27.04	0.50	25.21
12	8.58	-55.28	0.00	17.17	0.31	19.01
1	8.58	-34.94	0.00	12.00	24.68	19.50
1	10.46	-41.19	0.00	13.94	26.33	20.65
3	8.58	-34.11	0.00	11.74	21.33	19.34
3	10.46	-39.64	0.00	13.47	23.15	20.37
5	8.58	-34.59	0.00	11.89	12.49	19.43
5	10.46	-38.43	0.00	13.09	12.72	20.15
7	8.58	-33.45	0.00	11.53	1.31	19.22
7	10.46	-34.52	0.00	11.87	2.12	19.42
9	8.58	-49.19	0.00	15.36	1.12	17.22
9	10.46	-49.85	0.00	15.53	1.23	17.31
10	8.58	-49.05	0.00	15.33	1.12	17.20
10	10.46	-50.25	-0.00	15.63	1.23	17.37
11	8.58	-49.01	0.00	15.32	0.03	17.19
11	10.46	-49.99	0.00	15.57	0.08	17.33
12	8.58	-49.24	0.00	15.38	0.03	17.22
12	10.46	-50.11	0.00	15.60	0.08	17.35

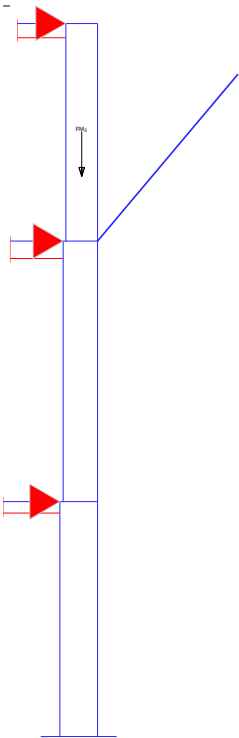
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.50	1.30	2.31
0.00	4.07	8	SLD	0.59	1.52	1.97
4.07	8.58	6	SLD	0.68	1.62	1.85
8.58	12.35	4	SLD	0.12	0.33	9.08

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.26	0.68	4.41
4.07	8.58	2	SLD	0.45	1.06	2.83
4.07	8.58	8	SLD	0.56	1.33	2.25
8.58	12.35	6	SLD	0.50	1.41	2.13

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.70	1.82	1.65
4.07	8.58	4	SLD	0.21	0.49	6.11
8.58	12.35	2	SLD	0.28	0.78	3.84
8.58	12.35	8	SLD	0.44	1.24	2.41

Verifiche cinematici
Ribalt. a z=8.58

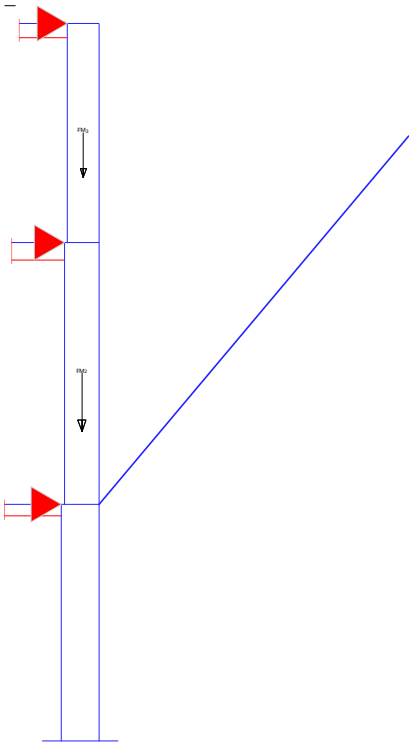


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=3297.99$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0429

Ribalt. a z=4.07

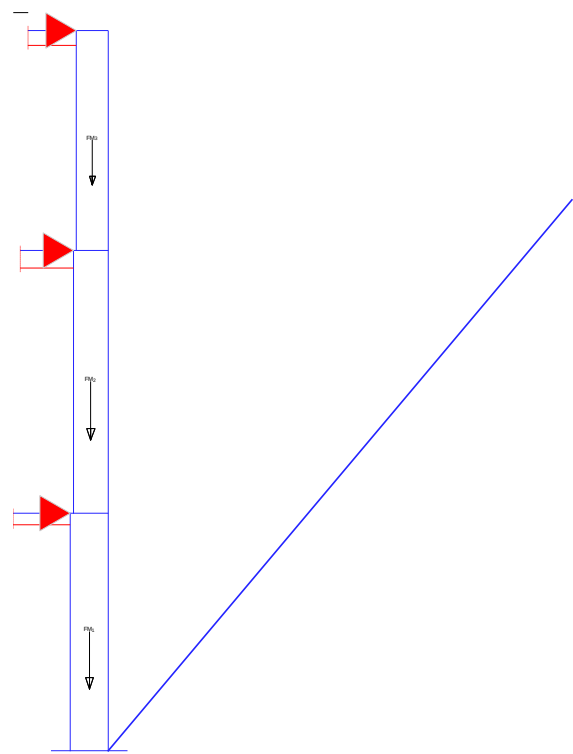


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=6050.03 <kg>
 Frazione di massa partecipante e^{*}=0.80
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=145.33 <mm>
 Domanda di spostamento [C8A.4.11]=172.20 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8440
 Domanda di spostamento amplificata [C8A.4.12]=64.29 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.2607

Ribalt. a z=0.00

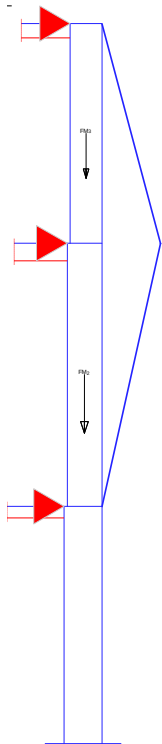


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		41.28	0.00	2.04	Peso maschio piano 1
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=8972.47$ <kg>
Frazione di massa partecipante $e^*=0.76$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=158.96$ <mm>
Domanda di spostamento [C8A.4.11]=191.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8307

Fless. a z= 8.58 da z= 4.07 a z=12.35

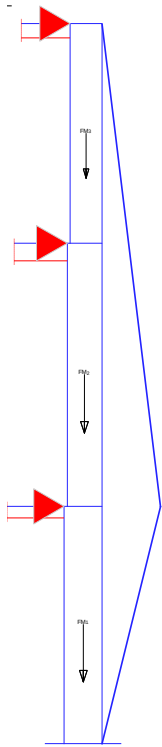


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=7602.01 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=72.85 <mm>
Domanda di spostamento [C8A.4.11]=68.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0676
Domanda di spostamento amplificata [C8A.4.12]=85.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8501

Fless. a z= 4.07 da z= 0.00 a z=12.35

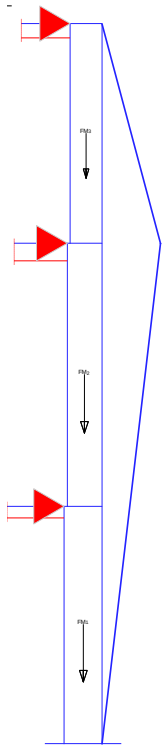


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		41.28	0.00	2.04	Peso maschio piano 1
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=10234.40$ <kg>
Frazione di massa partecipante $e^*=0.87$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=101.66$ <mm>
Domanda di spostamento [C8A.4.11]=71.63 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4191

Fless. a z= 8.58 da z= 0.00 a z=12.35

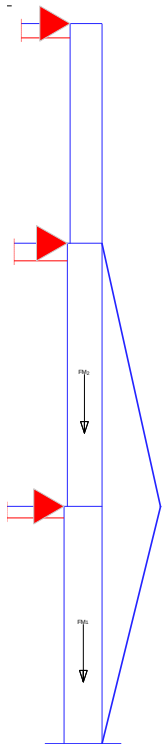


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		41.28	0.00	2.04	Peso maschio piano 1
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FM ₃		32.35	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=9961.44$ <kg>
Frazione di massa partecipante $e^*=0.84$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.50$ <mm>
Domanda di spostamento [C8A.4.11]=106.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0493

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		41.28	0.00	2.04	Peso maschio piano 1
FM ₂		42.22	-0.03	6.33	Peso maschio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=8511.77$ <kg>
 Frazione di massa partecipante $e^*=1.00$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=67.64$ <mm>
 Domanda di spostamento [C8A.4.11]=62.34 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0849

Maschio in muratura ordinaria n. 26

Xg=10.20 <m> Yg=12.54 <m> L=1.43 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03					0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.60	4.21	0.05					0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.50	3.47		405	-0.14			0.02	0.00	1.00	6.94	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-322.58	-10.49	---	---	---	---	---	-1242.36	72.81
							2.04	-321.19	-4.84	---	---	---	---	---	-1242.36	72.64
							4.07	-301.97	-3.01	---	---	---	---	---	-1242.36	70.08
3							0.00	-239.45	-4.43	---	---	---	---	---	-1242.36	60.18
							2.04	-249.35	-4.49	---	---	---	---	---	-1242.36	61.90
							4.07	-230.96	-2.54	---	---	---	---	---	-1242.36	58.64
5							0.00	-410.05	-15.56	---	---	---	---	---	-1242.36	81.52
							2.04	-376.80	-4.97	---	---	---	---	---	-1242.36	78.76
							4.07	-374.95	-2.49	---	---	---	---	---	-1242.36	78.59
7							0.00	-401.89	-13.86	---	---	---	---	---	-1242.36	80.91
							2.04	-352.63	-4.73	---	---	---	---	---	-1242.36	76.33
							4.07	-366.50	-1.58	---	---	---	---	---	-1242.36	77.77
9	-348.96	0.03	0.00	0.00	0.00	0.04	0.00	-404.93	-4.50	---	---	0.02	0.18	0.86	-709.65	55.91
							2.04	-364.30	-6.10	0.02	0.04	0.04	0.36	0.76	-632.37	57.13
							4.07	-378.86	-2.84	---	---	0.04	0.41	0.74	-610.99	56.87
10	-346.78	0.03	0.00	0.00	0.00	0.04	0.00	-406.06	-4.60	---	---	0.02	0.18	0.86	-709.65	55.85
							2.04	-370.05	-6.16	0.02	0.04	0.04	0.36	0.76	-632.78	57.05

							4.07	-380.74	-2.98	---	---	0.04	0.41	0.74	-610.99	56.82
11	-351.79	0.03	0.00	0.00	0.00	0.04	0.00	-412.23	-3.97	---	---	0.02	0.18	0.86	-709.65	55.53
							2.04	-372.45	-6.18	0.02	0.04	0.04	0.36	0.76	-632.97	57.01
							4.07	-384.74	-2.96	---	---	0.04	0.41	0.74	-610.99	56.71
12	-343.95	0.03	0.00	0.00	0.00	0.04	0.00	-398.75	-5.12	---	---	0.02	0.18	0.86	-709.65	56.19
							2.04	-361.90	-6.08	0.02	0.04	0.04	0.36	0.76	-632.18	57.15
							4.07	-374.86	-2.86	---	---	0.04	0.41	0.74	-610.99	56.96
1							4.07	-281.09	-2.26	---	---	---	---	---	-1146.79	60.01
							6.33	-117.65	1.46	---	---	---	---	---	-1146.79	31.04
							8.58	-127.67	3.76	---	---	---	---	---	-1146.79	33.28
3							4.07	-225.01	-1.58	---	---	---	---	---	-1146.79	51.92
							6.33	-102.61	1.00	---	---	---	---	---	-1146.79	27.54
							8.58	-113.85	3.06	---	---	---	---	---	-1146.79	30.17
5							4.07	-331.40	-2.15	---	---	---	---	---	-1146.79	65.62
							6.33	-126.07	1.14	---	---	---	---	---	-1146.79	32.93
							8.58	-133.00	2.23	---	---	---	---	---	-1146.79	34.45
7							4.07	-318.46	-1.37	---	---	---	---	---	-1146.79	64.33
							6.33	-118.25	0.41	---	---	---	---	---	-1146.79	31.17
							8.58	-123.74	0.21	---	---	---	---	---	-1146.79	32.41
9	-136.37	0.05	0.00	0.00	0.00	0.07	4.07	-348.96	-1.79	0.01	0.04	0.04	0.41	0.72	-548.53	48.47
							6.33	-145.11	0.07	---	---	0.04	0.36	0.74	-568.63	33.81
							8.58	-156.19	-0.77	---	---	0.07	0.71	0.60	-460.48	35.59
10	-135.61	0.05	0.00	0.00	0.00	0.07	4.07	-346.78	-1.85	0.01	0.04	0.04	0.41	0.72	-547.71	48.52
							6.33	-146.66	-0.05	---	---	0.04	0.36	0.74	-568.63	34.07
							8.58	-157.82	-1.05	---	---	0.07	0.71	0.60	-460.48	35.85
11	-136.47	0.05	0.00	0.00	0.00	0.07	4.07	-351.79	-1.88	0.01	0.04	0.04	0.41	0.72	-547.75	48.41
							6.33	-146.75	-0.02	---	---	0.04	0.36	0.74	-568.63	34.08
							8.58	-157.73	-0.91	---	---	0.07	0.71	0.60	-460.48	35.83
12	-135.51	0.05	0.00	0.00	0.00	0.07	4.07	-343.95	-1.77	0.01	0.04	0.04	0.41	0.72	-548.51	48.57
							6.33	-145.02	0.04	---	---	0.04	0.36	0.74	-568.63	33.80
							8.58	-156.28	-0.92	---	---	0.07	0.71	0.60	-460.48	35.61
1							8.58	-104.48	3.40	---	---	---	---	---	-955.66	22.76
							10.46	-50.49	2.69	---	---	---	---	---	-955.66	11.84
3							8.58	-94.39	2.66	---	---	---	---	---	-955.66	20.86
							10.46	-45.35	2.12	---	---	---	---	---	-955.66	10.70
5							8.58	-110.69	2.17	---	---	---	---	---	-955.66	23.90
							10.46	-46.64	1.85	---	---	---	---	---	-955.66	10.99
7							8.58	-105.93	0.38	---	---	---	---	---	-955.66	23.03
							10.46	-38.20	0.57	---	---	---	---	---	-955.66	9.10
9	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-136.37	-0.65	---	---	0.02	0.21	0.82	-522.86	25.51
							10.46	-53.13	0.58	---	---	0.08	0.94	0.53	-337.08	11.98
10	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-135.61	-0.88	0.01	0.09	0.09	1.02	0.50	-320.97	25.41
							10.46	-51.89	0.43	---	---	0.08	0.94	0.53	-337.08	11.73
11	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-136.47	-0.75	---	---	0.02	0.21	0.82	-522.86	25.52
							10.46	-52.15	0.53	---	---	0.08	0.94	0.53	-337.08	11.78
12	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-135.51	-0.78	---	---	0.02	0.21	0.82	-522.86	25.40
							10.46	-52.88	0.48	---	---	0.08	0.94	0.53	-337.08	11.93

Verifiche per azioni nel piano

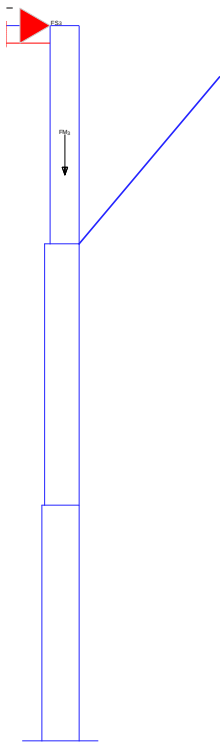
CC	Zv <m>	N <kN>	M _x <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-322.58	0.00	160.58	94.33	77.87
1	2.04	-321.19	0.00	160.19	116.07	77.72
1	4.07	-301.97	0.00	154.54	63.15	75.61
3	0.00	-239.45	-0.00	132.71	80.66	68.30
3	2.04	-249.35	0.00	136.52	92.23	69.51
3	4.07	-230.96	0.00	129.33	45.92	67.25
5	0.00	-410.05	0.00	179.78	49.04	86.81
5	2.04	-376.80	0.00	173.70	70.98	83.52
5	4.07	-374.95	0.00	173.32	45.08	83.34
7	0.00	-401.89	0.00	178.43	3.46	86.01
7	2.04	-352.63	0.00	168.35	8.49	81.05
7	4.07	-366.50	0.00	171.52	12.36	82.48
9	0.00	-404.93	-0.00	123.30	6.14	69.46
9	2.04	-364.30	-0.00	125.99	7.06	66.10
9	4.07	-378.86	-0.00	125.41	3.63	67.32
10	0.00	-406.06	0.00	123.17	6.14	69.55
10	2.04	-370.05	0.00	125.82	7.06	66.58
10	4.07	-380.74	0.00	125.31	3.63	67.48
11	0.00	-412.23	0.00	122.45	0.42	70.05
11	2.04	-372.45	0.00	125.72	1.21	66.79
11	4.07	-384.74	0.00	125.06	0.93	67.81
12	0.00	-398.75	-0.00	123.92	0.42	68.96
12	2.04	-361.90	-0.00	126.05	1.21	65.89
12	4.07	-374.86	-0.00	125.62	0.93	66.99
1	4.07	-281.09	0.00	143.37	62.40	70.06
1	6.33	-117.65	0.00	74.15	65.42	48.68
1	8.58	-127.67	0.00	79.52	30.02	50.25

3	4.07	-225.01	-0.00	124.05	45.19	63.54
3	6.33	-102.61	0.00	65.81	57.63	46.22
3	8.58	-113.85	0.00	72.07	25.60	48.07
5	4.07	-331.40	0.00	156.78	44.82	75.43
5	6.33	-126.07	0.00	78.67	31.44	50.00
5	8.58	-133.00	0.00	82.32	15.71	51.07
7	4.07	-318.46	0.00	153.68	12.55	74.08
7	6.33	-118.25	0.00	74.47	5.48	48.77
7	8.58	-123.74	0.00	77.43	0.97	49.64
9	4.07	-348.96	0.00	115.81	3.22	62.08
9	6.33	-145.11	-0.00	80.78	3.50	41.76
9	8.58	-156.19	-0.00	85.04	1.59	43.11
10	4.07	-346.78	-0.00	115.92	3.22	61.90
10	6.33	-146.66	0.00	81.40	3.50	41.95
10	8.58	-157.82	0.00	85.65	1.59	43.30
11	4.07	-351.79	0.00	115.65	0.91	62.32
11	6.33	-146.75	0.00	81.43	0.02	41.96
11	8.58	-157.73	0.00	85.61	0.02	43.29
12	4.07	-343.95	-0.00	116.04	0.91	61.66
12	6.33	-145.02	-0.00	80.75	0.02	41.74
12	8.58	-156.28	-0.00	85.07	0.02	43.12
1	8.58	-104.48	0.00	65.25	43.15	41.58
1	10.46	-50.49	0.00	33.94	42.38	32.10
3	8.58	-94.39	0.00	59.79	35.59	39.98
3	10.46	-45.35	0.00	30.69	39.17	31.04
5	8.58	-110.69	0.00	68.52	24.40	42.54
5	10.46	-46.64	0.00	31.51	17.59	31.31
7	8.58	-105.93	0.00	66.02	0.78	41.80
7	10.46	-38.20	0.00	26.09	6.87	29.52
9	8.58	-136.37	0.00	73.13	1.95	36.66
9	10.46	-53.13	0.00	34.35	2.12	25.02
10	8.58	-135.61	0.00	72.86	1.95	36.57
10	10.46	-51.89	-0.00	33.63	2.12	24.80
11	8.58	-136.47	0.00	73.16	0.40	36.67
11	10.46	-52.15	-0.00	33.78	0.02	24.85
12	8.58	-135.51	0.00	72.82	0.40	36.56
12	10.46	-52.88	0.00	34.20	0.02	24.97

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.50	1.29	2.32	0.00	4.07	4	SLD	0.29	0.76	3.94	0.00	4.07	6	SLD	0.76	1.95	1.54
0.00	4.07	8	SLD	0.66	1.70	1.76	4.07	8.58	2	SLD	0.44	1.04	2.90	4.07	8.58	4	SLD	0.23	0.54	5.51
4.07	8.58	6	SLD	0.72	1.70	1.76	4.07	8.58	8	SLD	0.62	1.48	2.03	8.58	12.35	2	SLD	0.28	0.82	3.65
8.58	12.35	4	SLD	0.13	0.37	8.05	8.58	12.35	6	SLD	0.51	1.47	2.04	8.58	12.35	8	SLD	0.45	1.31	2.30

Verifiche cinematici
Ribalt. a z=8.58

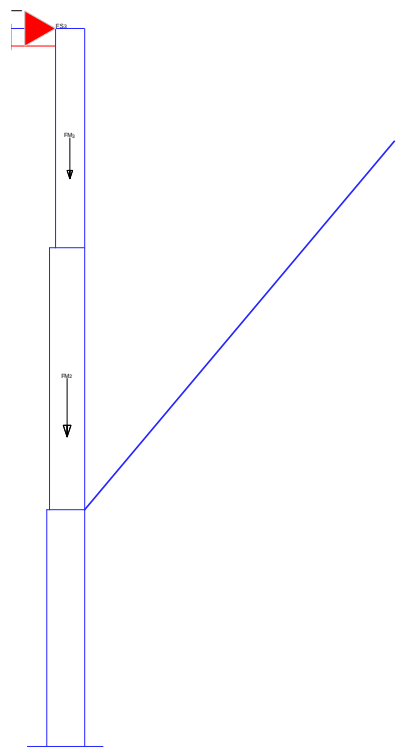


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃	56.74	-0.07	10.46		Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=5784.37$ <kg>
Frazione di massa partecipante $e^*=1.00$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=100.00$ <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8511
Domanda di spostamento amplificata [C8A.4.12]=105.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9481

Ribalt. a z=4.07

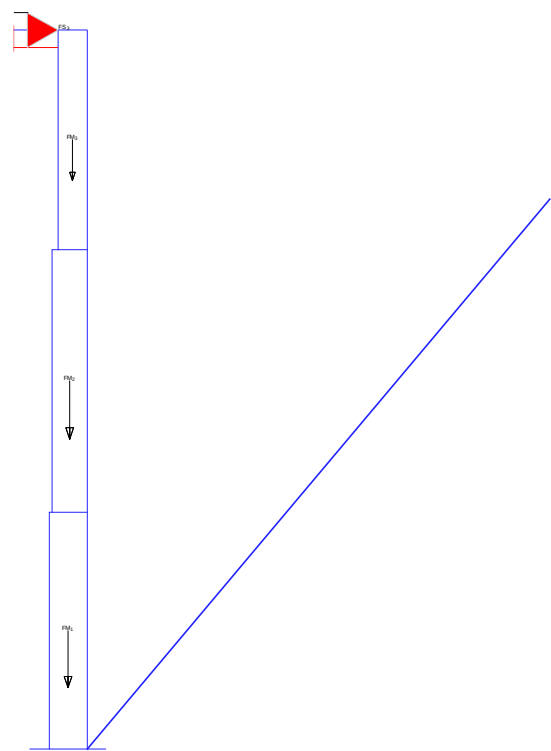


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		81.46	-0.03	6.33	Peso maschio piano 2
FM ₃		56.74	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=11135.10 <kg>
Frazione di massa partecipante e^{*}=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=141.44 <mm>
Domanda di spostamento [C8A.4.11]=170.15 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8312
Domanda di spostamento amplificata [C8A.4.12]=63.72 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2196

Ribalt. a z=0.00

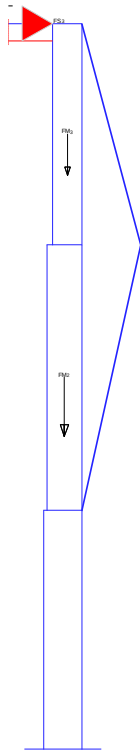


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM1		79.64	0.00	2.04	Peso maschio piano 1
FM2		81.46	-0.03	6.33	Peso maschio piano 2
FM3		56.74	-0.07	10.46	Peso maschio piano 3
FS3		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=16801.50 <kg>
Frazione di massa partecipante e*=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo du*=156.55 <mm>
Domanda di spostamento [C8A.4.11]=191.26 <mm>
Indicatore di rischio in termini di accelerazione α (Ag)=0.8185

Fless. a z= 8.58 da z= 4.07 a z=12.35

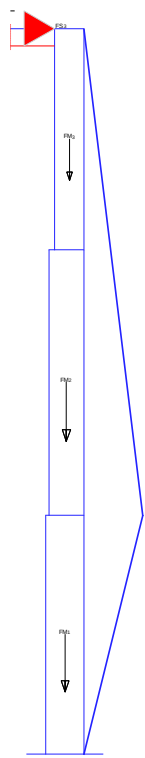


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		81.46	-0.03	6.33	Peso maschio piano 2
FM ₃		56.74	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=14088.10 <kg>
Frazione di massa partecipante e*=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_y*=75.87 <mm>
Domanda di spostamento [C8A.4.11]=70.00 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0840
Domanda di spostamento amplificata [C8A.4.12]=85.57 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8867

Fless. a z= 4.07 da z= 0.00 a z=12.35

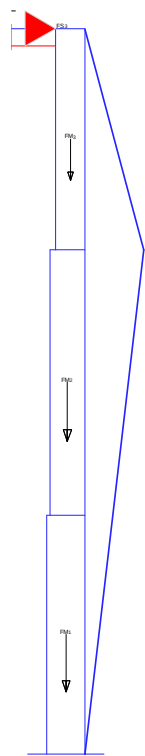


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		79.64	0.00	2.04	Peso maschio piano 1
FM ₂		81.46	-0.03	6.33	Peso maschio piano 2
FM ₃		56.74	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=19383.60 <kg>
Frazione di massa partecipante e^{*}=0.87
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=102.82 <mm>
Domanda di spostamento [C8A.4.11]=72.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4093

Fless. a z= 8.58 da z= 0.00 a z=12.35

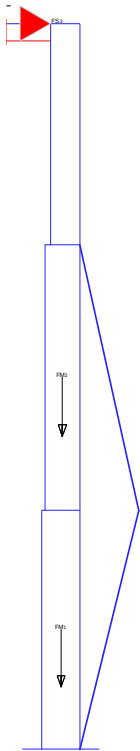


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		79.64	0.00	2.04	Peso maschio piano 1
FM ₂		81.46	-0.03	6.33	Peso maschio piano 2
FM ₃		56.74	-0.07	10.46	Peso maschio piano 3
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=18652.40 <kg>
Frazione di massa partecipante e^{*}=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=116.58 <mm>
Domanda di spostamento [C8A.4.11]=109.03 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0692

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		79.64	0.00	2.04	Peso maschio piano 1
FM ₂		81.46	-0.03	6.33	Peso maschio piano 2
FS ₃		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=16421.20 <kg>
 Frazione di massa partecipante e^{*}=1.00
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=67.64 <mm>
 Domanda di spostamento [C8A.4.11]=62.34 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0850

Maschio in muratura ordinaria n. 27

Xg=14.62 <m> Yg=12.54 <m> L=2.20 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.65	3.87	0.00	108	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					105	-0.18												
					117	-0.18												
4.07	8.58	0.65	4.21	0.05	206	-0.18			0.02	0.00	1.00	6.48	3200.00	888.89	1333.33	65.00	27.08	40.63
					205	-0.18												
8.58	12.35	0.55	3.67		409	-0.15			0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
					304	-0.15												
					408	-0.15												
					305	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-477.85	-13.37	---	---	---	---	---	-1908.40	109.55
							2.04	-576.24	-6.78	---	---	---	---	---	-1908.40	120.75
							4.07	-401.35	-4.64	---	---	---	---	---	-1908.40	98.17
3							0.00	-376.06	-11.89	---	---	---	---	---	-1908.40	93.89
							2.04	-450.76	-4.75	---	---	---	---	---	-1908.40	105.79
							4.07	-317.25	-3.34	---	---	---	---	---	-1908.40	82.94
5							0.00	-566.83	-13.01	---	---	---	---	---	-1908.40	119.85
							2.04	-668.36	-7.75	---	---	---	---	---	-1908.40	127.72
							4.07	-441.30	-4.74	---	---	---	---	---	-1908.40	104.41
7							0.00	-541.31	-11.22	---	---	---	---	---	-1908.40	117.22
							2.04	-621.84	-6.54	---	---	---	---	---	-1908.40	124.62
							4.07	-391.45	-3.52	---	---	---	---	---	-1908.40	96.52

9	-361.50	0.00	25.85	0.00	-0.01	0.03	0.00	-574.29	-12.83	0.02	0.04	0.04	0.35	0.77	-976.54	87.53
							2.04	-667.02	-4.50	---	---	0.02	0.18	0.86	-1090.10	83.07
							4.07	-429.78	-3.75	---	---	0.03	0.29	0.80	-1016.47	84.17
10	-352.68	0.00	25.85	0.00	-0.01	0.03	0.00	-578.36	-12.61	0.02	0.04	0.04	0.35	0.77	-978.92	87.44
							2.04	-660.19	-4.55	---	---	0.02	0.18	0.86	-1090.10	83.58
							4.07	-422.00	-3.87	---	---	0.03	0.29	0.80	-1014.75	83.63
11	-363.13	0.00	25.85	0.00	-0.01	0.03	0.00	-585.43	-12.45	0.02	0.04	0.04	0.34	0.77	-983.14	87.27
							2.04	-674.14	-4.42	---	---	0.02	0.18	0.86	-1090.10	82.52
							4.07	-432.20	-3.80	---	---	0.03	0.29	0.80	-1016.78	84.33
12	-351.05	0.00	25.85	0.00	-0.01	0.03	0.00	-567.23	-12.98	0.02	0.04	0.04	0.36	0.76	-972.17	87.65
							2.04	-653.07	-4.64	---	---	0.02	0.18	0.86	-1090.10	84.07
							4.07	-419.58	-3.82	---	---	0.03	0.29	0.80	-1014.43	83.46
1							4.07	-372.67	-3.76	---	---	---	---	---	-1908.40	93.29
							6.33	-259.08	-7.78	---	---	---	---	---	-1908.40	70.75
							8.58	-150.18	-3.61	---	---	---	---	---	-1908.40	44.29
3							4.07	-289.20	-2.29	---	---	---	---	---	-1908.40	77.23
							6.33	-222.52	-5.64	---	---	---	---	---	-1908.40	62.40
							8.58	-124.88	-3.12	---	---	---	---	---	-1908.40	37.46
5							4.07	-401.73	-4.23	---	---	---	---	---	-1908.40	98.23
							6.33	-277.01	-7.05	---	---	---	---	---	-1908.40	74.65
							8.58	-168.73	-2.86	---	---	---	---	---	-1908.40	49.13
7							4.07	-343.17	-3.16	---	---	---	---	---	-1908.40	87.94
							6.33	-255.82	-4.28	---	---	---	---	---	-1908.40	70.03
							8.58	-159.33	-1.74	---	---	---	---	---	-1908.40	46.70
9	-120.70	0.05	0.00	0.00	0.00	0.07	4.07	-361.50	-2.86	---	---	0.02	0.19	0.84	-1065.67	78.21
							6.33	-301.31	-1.77	---	---	0.04	0.33	0.77	-978.28	70.64
							8.58	-183.78	-3.26	0.02	0.05	0.05	0.49	0.68	-871.10	49.58
10	-119.68	0.05	0.00	0.00	0.00	0.07	4.07	-352.68	-2.96	---	---	0.02	0.19	0.84	-1065.67	77.24
							6.33	-304.22	-1.55	---	---	0.04	0.33	0.77	-978.28	71.06
							8.58	-184.92	-3.20	0.02	0.05	0.05	0.49	0.69	-873.67	49.82
11	-121.89	0.05	0.00	0.00	0.00	0.07	4.07	-363.13	-2.92	---	---	0.02	0.19	0.84	-1065.67	78.39
							6.33	-305.19	-1.53	---	---	0.04	0.33	0.77	-978.28	71.19
							8.58	-185.85	-3.27	0.02	0.05	0.05	0.49	0.69	-871.90	50.02
12	-118.49	0.05	0.00	0.00	0.00	0.07	4.07	-351.05	-2.90	---	---	0.02	0.19	0.84	-1065.67	77.06
							6.33	-300.34	-1.79	---	---	0.04	0.33	0.77	-978.28	70.50
							8.58	-182.85	-3.19	0.02	0.05	0.05	0.49	0.69	-872.88	49.38
1							8.58	-111.21	-2.84	---	---	---	---	---	-1614.80	28.11
							10.46	-86.00	-10.91	---	---	---	---	---	-1614.80	22.17
3							8.58	-83.14	-2.25	---	---	---	---	---	-1614.80	21.48
							10.46	-72.27	-9.54	---	---	---	---	---	-1614.80	18.83
5							8.58	-131.93	-2.10	---	---	---	---	---	-1614.80	32.79
							10.46	-94.05	-6.28	---	---	---	---	---	-1614.80	24.09
7							8.58	-121.62	-0.87	---	---	---	---	---	-1614.80	30.48
							10.46	-87.23	-0.94	---	---	---	---	---	-1614.80	22.46
9	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-120.70	-1.50	0.01	0.10	0.10	1.08	0.49	-528.80	28.81
							10.46	-102.11	-0.38	---	---	0.09	0.94	0.54	-576.72	24.95
10	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-119.68	-1.42	0.01	0.10	0.10	1.07	0.49	-531.24	28.61
							10.46	-101.31	0.04	---	---	0.09	0.94	0.54	-576.72	24.78
11	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-121.89	-1.51	0.01	0.10	0.10	1.08	0.49	-529.01	29.06
							10.46	-102.51	-0.20	---	---	0.09	0.94	0.54	-576.72	25.03
12	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-118.49	-1.41	0.01	0.10	0.10	1.07	0.49	-531.04	28.36
							10.46	-100.92	-0.14	---	---	0.09	0.94	0.54	-576.72	24.69

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-477.85	100.07	371.13	125.82	117.69
1	2.04	-576.24	53.27	409.07	192.60	128.04
1	4.07	-401.35	34.04	332.55	43.93	108.97
3	0.00	-376.06	87.15	318.06	105.32	105.93
3	2.04	-450.76	41.34	358.38	157.00	114.68
3	4.07	-317.25	28.14	280.98	29.32	98.50
5	0.00	-566.83	49.61	406.00	68.83	127.09
5	2.04	-668.36	34.07	432.67	111.78	137.02
5	4.07	-441.30	19.17	353.69	35.34	113.61
7	0.00	-541.31	-6.55	397.10	0.52	124.47
7	2.04	-621.84	5.69	422.19	6.90	132.56
7	4.07	-391.45	0.51	326.98	13.37	107.79
9	0.00	-574.29	5.72	296.51	7.33	102.77
9	2.04	-667.02	2.78	281.42	10.50	110.27
9	4.07	-429.78	-1.97	285.13	1.90	89.85
10	0.00	-578.36	-5.72	296.22	7.33	103.11
10	2.04	-660.19	-2.78	283.13	10.50	109.74
10	4.07	-422.00	1.97	283.31	1.90	89.10
11	0.00	-585.43	-0.11	295.63	1.10	103.70
11	2.04	-674.14	0.63	279.54	2.12	110.83
11	4.07	-432.20	-0.35	285.67	1.09	90.08
12	0.00	-567.23	0.11	296.95	1.10	102.18

12	2.04	-653.07	-0.63	284.81	2.12	109.18
12	4.07	-419.58	0.35	282.73	1.09	88.86
1	4.07	-372.67	37.09	316.04	56.29	105.52
1	6.33	-259.08	40.37	239.69	172.00	90.54
1	8.58	-150.18	27.10	150.04	23.44	73.37
3	4.07	-289.20	29.92	261.64	38.49	94.74
3	6.33	-222.52	35.21	211.39	140.33	85.17
3	8.58	-124.88	21.42	126.91	13.73	68.77
5	4.07	-401.73	22.01	332.76	43.88	109.02
5	6.33	-277.01	19.94	252.91	99.63	93.07
5	8.58	-168.73	16.75	166.45	21.75	76.57
7	4.07	-343.17	1.90	297.90	15.45	101.84
7	6.33	-255.82	-2.73	237.24	5.93	90.08
7	8.58	-159.33	2.20	158.19	10.60	74.97
9	4.07	-361.50	1.58	264.96	2.10	83.04
9	6.33	-301.31	-1.81	239.31	7.61	76.54
9	8.58	-183.78	-1.26	167.96	0.60	61.92
10	4.07	-352.68	-1.58	261.67	2.10	82.12
10	6.33	-304.22	1.81	240.72	7.61	76.87
10	8.58	-184.92	1.26	168.78	0.60	62.08
11	4.07	-363.13	0.36	265.56	1.24	83.21
11	6.33	-305.19	-0.17	241.19	1.74	76.98
11	8.58	-185.85	-0.32	169.46	0.65	62.21
12	4.07	-351.05	-0.36	261.04	1.24	81.95
12	6.33	-300.34	0.17	238.84	1.74	76.44
12	8.58	-182.85	0.32	167.28	0.65	61.79
1	8.58	-111.21	12.01	112.52	18.92	59.23
1	10.46	-86.00	8.87	88.75	85.84	54.37
3	8.58	-83.14	11.13	86.00	12.95	53.80
3	10.46	-72.27	6.54	75.38	73.26	51.54
5	8.58	-131.93	4.94	131.29	14.72	62.93
5	10.46	-94.05	6.19	96.46	44.84	55.97
7	8.58	-121.62	-2.00	122.04	5.16	61.12
7	10.46	-87.23	1.57	89.94	2.89	54.62
9	8.58	-120.70	0.44	115.36	0.49	47.30
9	10.46	-102.11	0.33	99.88	3.56	44.35
10	8.58	-119.68	-0.44	114.53	0.49	47.15
10	10.46	-101.31	-0.33	99.20	3.56	44.22
11	8.58	-121.89	-0.03	116.33	0.35	47.49
11	10.46	-102.51	0.17	100.22	0.61	44.41
12	8.58	-118.49	0.03	113.56	0.35	46.96
12	10.46	-100.92	-0.17	98.86	0.61	44.15

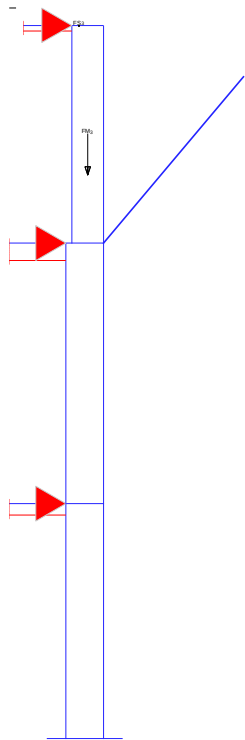
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.52	1.36	2.21
0.00	4.07	8	SLD	0.53	1.36	2.21
4.07	8.58	6	SLD	0.76	1.80	1.66
8.58	12.35	4	SLD	0.12	0.34	8.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.26	0.67	4.47
4.07	8.58	2	SLD	0.54	1.29	2.32
4.07	8.58	8	SLD	0.57	1.35	2.22
8.58	12.35	6	SLD	0.62	1.69	1.77

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.67	1.73	1.73
4.07	8.58	4	SLD	0.21	0.49	6.14
8.58	12.35	2	SLD	0.43	1.16	2.58
8.58	12.35	8	SLD	0.48	1.32	2.27

Verifiche cinematici
Ribalt. a z=8.58

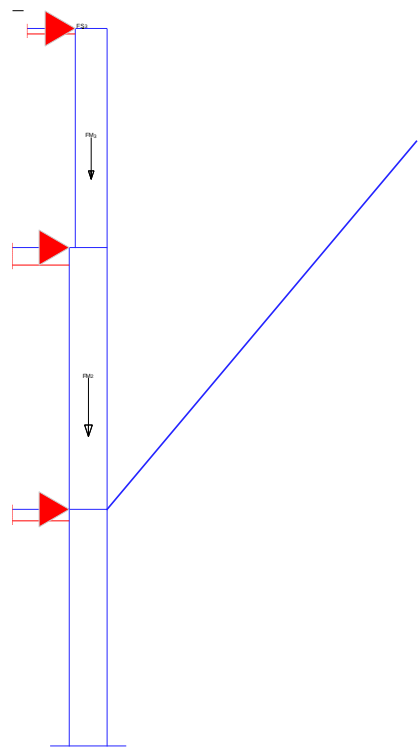


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=9782.91$ <kg>
Frazione di massa partecipante $e^*=0.99$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.57$ <mm>
Domanda di spostamento [C8A.4.11]=118.40 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9508
Domanda di spostamento amplificata [C8A.4.12]=105.92 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0627

Ribalt. a z=4.07

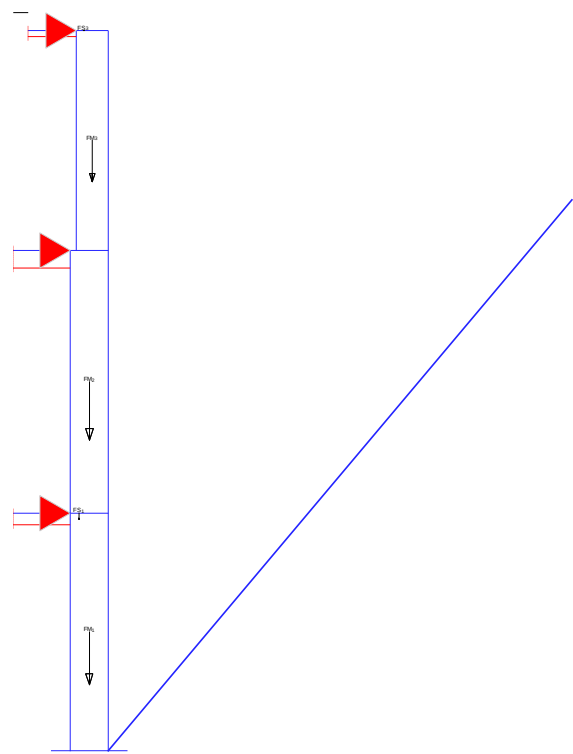


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=18756.20 <kg>
Frazione di massa partecipante e^{*}=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=154.49 <mm>
Domanda di spostamento [C8A.4.11]=171.07 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9031
Domanda di spostamento amplificata [C8A.4.12]=63.97 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4149

Ribalt. a z=0.00

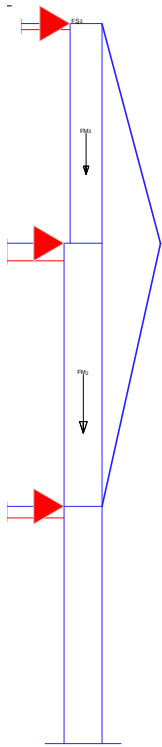


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		122.33	0.00	2.04	Peso maschio piano 1
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₁		14.05	0.18	4.07	Peso solaio piano 1
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=28822.50$ <kg>
Frazione di massa partecipante $e^*=0.77$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=166.85$ <mm>
Domanda di spostamento [C8A.4.11]=191.33 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8720

Fless. a z= 8.58 da z= 4.07 a z=12.35

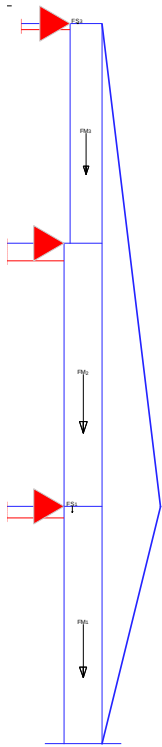


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=23592.40 <kg>
Frazione di massa partecipante e^{*}=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=74.48 <mm>
Domanda di spostamento [C8A.4.11]=68.52 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0869
Domanda di spostamento amplificata [C8A.4.12]=85.67 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8694

Fless. a z= 4.07 da z= 0.00 a z=12.35

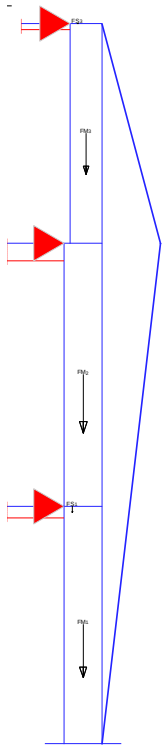


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		122.33	0.00	2.04	Peso maschio piano 1
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₁		14.05	0.18	4.07	Peso solaio piano 1
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=32158.80$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=110.45$ <mm>
Domanda di spostamento [C8A.4.11]=76.07 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4520

Fless. a z= 8.58 da z= 0.00 a z=12.35

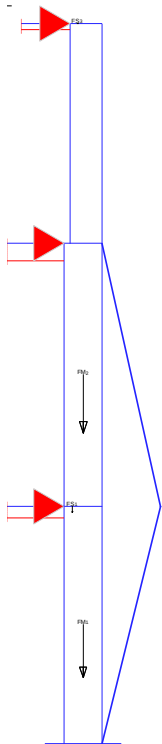


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		122.33	0.00	2.04	Peso maschio piano 1
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FM ₃		95.88	-0.05	10.46	Peso maschio piano 3
FS ₁		14.05	0.18	4.07	Peso solaio piano 1
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=31893.60$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=114.74$ <mm>
Domanda di spostamento [C8A.4.11]=108.80 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0546

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		122.33	0.00	2.04	Peso maschio piano 1
FM ₂		135.56	0.00	6.33	Peso maschio piano 2
FS ₁		14.05	0.18	4.07	Peso solaio piano 1
FS ₃		1.49	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinetismo $M^*=25741.40$ <kg>
 Frazione di massa partecipante $e^*=0.92$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=78.08$ <mm>
 Domanda di spostamento [C8A.4.11]=65.83 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1861

Maschio in muratura ordinaria n. 28

Xg=20.52 <m> Yg=12.54 <m> L=0.50 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi	zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SEV}	F _{VKO}	F _{td SLU}	F _{td SEV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03	111	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					118	-0.18												
4.07	8.58	0.60	4.21	0.03	204	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67		414	-0.15			0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
					306	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-207.85	-3.17	---	---	---	---	---	-430.44	29.18
							2.04	-129.67	-1.54	---	---	---	---	---	-430.44	27.21
							4.07	-55.26	-2.08	---	---	---	---	---	-430.44	15.25
3							0.00	-164.01	-2.06	---	---	---	---	---	-430.44	29.41
							2.04	-101.81	-0.64	---	---	---	---	---	-430.44	23.88
							4.07	-43.82	-0.74	---	---	---	---	---	-430.44	12.54
5							0.00	-216.21	-3.41	---	---	---	---	---	-430.44	28.74
							2.04	-149.44	-1.96	---	---	---	---	---	-430.44	28.73
							4.07	-65.53	-2.77	---	---	---	---	---	-430.44	17.48
7							0.00	-179.52	-2.50	---	---	---	---	---	-430.44	29.72
							2.04	-138.52	-1.42	---	---	---	---	---	-430.44	27.97
							4.07	-62.90	-2.03	---	---	---	---	---	-430.44	16.93
9	-66.91	0.02	8.94	0.00	-0.02	0.02	0.00	-197.72	-1.17	0.01	0.02	0.02	0.18	0.86	-245.87	12.17
							2.04	-149.38	0.16	---	---	0.02	0.18	0.86	-245.87	18.82

							4.07	-68.70	-0.21	---	---	0.02	0.18	0.85	-245.07	16.04
10	-65.18	0.02	8.94	0.00	-0.02	0.02	0.00	-188.99	-1.12	0.01	0.02	0.02	0.18	0.86	-245.87	13.83
							2.04	-146.92	0.20	---	---	0.02	0.18	0.86	-245.87	18.99
							4.07	-69.07	-0.14	---	---	0.02	0.18	0.86	-245.84	16.09
11	-66.74	0.02	8.94	0.00	-0.02	0.02	0.00	-196.00	-1.05	0.01	0.02	0.02	0.18	0.86	-245.87	12.51
							2.04	-150.17	0.24	---	---	0.02	0.18	0.86	-245.87	18.76
							4.07	-69.66	-0.12	---	---	0.02	0.18	0.85	-245.14	16.17
12	-65.35	0.02	8.94	0.00	-0.02	0.02	0.00	-190.71	-1.25	0.01	0.02	0.02	0.18	0.86	-245.87	13.52
							2.04	-146.12	0.12	---	---	0.02	0.18	0.86	-245.87	19.04
							4.07	-68.12	-0.23	---	---	0.02	0.18	0.86	-245.76	15.96
1							4.07	-65.13	-2.86	---	---	---	---	---	-397.33	15.77
							6.33	-83.80	-3.60	---	---	---	---	---	-397.33	18.90
							8.58	-35.28	2.37	---	---	---	---	---	-397.33	9.48
3							4.07	-48.64	-1.06	---	---	---	---	---	-397.33	12.49
							6.33	-76.53	-1.59	---	---	---	---	---	-397.33	17.76
							8.58	-30.95	1.05	---	---	---	---	---	-397.33	8.44
5							4.07	-74.07	-3.95	---	---	---	---	---	-397.33	17.35
							6.33	-78.33	-4.66	---	---	---	---	---	-397.33	18.05
							8.58	-34.21	2.79	---	---	---	---	---	-397.33	9.22
7							4.07	-65.25	-3.09	---	---	---	---	---	-397.33	15.79
							6.33	-66.37	-3.57	---	---	---	---	---	-397.33	16.00
							8.58	-28.97	1.84	---	---	---	---	---	-397.33	7.94
9	-24.84	0.03	0.00	0.00	0.00	0.05	4.07	-66.91	-0.90	---	---	0.02	0.21	0.82	-216.65	14.11
							6.33	-82.31	-1.60	0.02	0.04	0.04	0.42	0.71	-187.57	15.67
							8.58	-32.57	-0.42	---	---	0.05	0.46	0.69	-182.74	8.36
10	-24.80	0.03	0.00	0.00	0.00	0.05	4.07	-65.18	-0.83	---	---	0.02	0.21	0.82	-216.65	13.89
							6.33	-84.41	-1.63	0.02	0.04	0.04	0.42	0.71	-187.78	15.83
							8.58	-33.69	-0.47	---	---	0.05	0.46	0.69	-182.74	8.60
11	-24.56	0.03	0.00	0.00	0.00	0.05	4.07	-66.74	-0.80	---	---	0.02	0.21	0.82	-216.65	14.09
							6.33	-83.78	-1.75	0.02	0.04	0.04	0.44	0.70	-185.71	15.78
							8.58	-32.98	-0.53	---	---	0.05	0.46	0.69	-182.74	8.44
12	-25.09	0.03	0.00	0.00	0.00	0.05	4.07	-65.35	-0.92	---	---	0.02	0.21	0.82	-216.65	13.91
							6.33	-82.94	-1.49	0.02	0.04	0.04	0.41	0.72	-189.66	15.72
							8.58	-33.28	-0.36	---	---	0.05	0.46	0.69	-182.74	8.51
1							8.58	-21.46	1.80	---	---	---	---	---	-364.22	5.49
							10.46	-36.57	1.28	---	---	---	---	---	-364.22	8.87
3							8.58	-18.77	0.88	---	---	---	---	---	-364.22	4.85
							10.46	-32.37	0.63	---	---	---	---	---	-364.22	7.97
5							8.58	-21.98	2.06	---	---	---	---	---	-364.22	5.62
							10.46	-32.09	1.54	---	---	---	---	---	-364.22	7.91
7							8.58	-19.74	1.37	---	---	---	---	---	-364.22	5.08
							10.46	-24.05	1.11	---	---	---	---	---	-364.22	6.10
9	0.00	0.00	0.61	0.00	-0.15	0.17	8.58	-24.84	-0.19	---	---	0.02	0.20	0.83	-201.64	6.01
							10.46	-33.27	0.72	---	---	0.09	0.94	0.54	-130.08	7.68
10	0.00	0.00	0.61	0.00	-0.15	0.17	8.58	-24.80	-0.22	---	---	0.02	0.20	0.83	-201.64	6.00
							10.46	-32.29	0.75	---	---	0.09	0.94	0.54	-130.08	7.49
11	0.00	0.00	0.61	0.00	-0.15	0.17	8.58	-24.56	-0.26	---	---	0.02	0.20	0.83	-201.64	5.95
							10.46	-33.04	0.72	---	---	0.09	0.94	0.54	-130.08	7.63
12	0.00	0.00	0.61	0.00	-0.15	0.17	8.58	-25.09	-0.15	---	---	0.02	0.20	0.83	-201.64	6.06
							10.46	-32.52	0.75	---	---	0.09	0.94	0.54	-130.08	7.53

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-207.85	0.00	22.29	23.39	35.89
1	2.04	-129.67	0.00	20.79	5.78	28.85
1	4.07	-55.26	0.00	11.65	19.79	19.96
3	0.00	-164.01	0.00	22.47	14.53	32.13
3	2.04	-101.81	0.00	18.25	4.29	25.88
3	4.07	-43.82	0.00	9.58	12.08	18.22
5	0.00	-216.21	0.00	21.96	20.45	36.56
5	2.04	-149.44	0.00	21.95	3.99	30.78
5	4.07	-65.53	0.00	13.36	17.62	21.41
7	0.00	-179.52	0.00	22.71	9.08	33.51
7	2.04	-138.52	0.00	21.38	0.97	29.73
7	4.07	-62.90	0.00	12.93	8.06	21.05
9	0.00	-197.72	0.00	9.30	1.38	28.33
9	2.04	-149.38	-0.00	14.38	0.35	24.79
9	4.07	-68.70	0.00	12.26	1.10	17.35
10	0.00	-188.99	0.00	10.57	1.38	27.72
10	2.04	-146.92	0.00	14.51	0.35	24.59
10	4.07	-69.07	0.00	12.30	1.10	17.39
11	0.00	-196.00	0.00	9.56	0.40	28.21
11	2.04	-150.17	0.00	14.33	0.03	24.85
11	4.07	-69.66	0.00	12.36	0.07	17.45
12	0.00	-190.71	0.00	10.33	0.40	27.84
12	2.04	-146.12	0.00	14.55	0.03	24.53
12	4.07	-68.12	0.00	12.19	0.07	17.28

Fascicolo dei calcoli

1	4.07	-65.13	0.00	13.05	18.32	20.39
1	6.33	-83.80	0.00	15.65	11.62	22.72
1	8.58	-35.28	0.00	7.85	15.33	15.97
3	4.07	-48.64	0.00	10.34	10.13	18.08
3	6.33	-76.53	0.00	14.70	6.84	21.84
3	8.58	-30.95	-0.00	6.98	10.88	15.22
5	4.07	-74.07	0.00	14.36	17.93	21.53
5	6.33	-78.33	0.00	14.94	10.73	22.06
5	8.58	-34.21	0.00	7.63	11.35	15.79
7	4.07	-65.25	0.00	13.07	9.39	20.40
7	6.33	-66.37	-0.00	13.24	5.20	20.55
7	8.58	-28.97	0.00	6.58	3.49	14.87
9	4.07	-66.91	0.00	11.68	0.91	16.40
9	6.33	-82.31	-0.00	12.97	0.51	18.01
9	8.58	-32.57	0.00	6.92	0.62	12.07
10	4.07	-65.18	0.00	11.50	0.91	16.21
10	6.33	-84.41	0.00	13.10	0.51	18.21
10	8.58	-33.69	0.00	7.11	0.62	12.24
11	4.07	-66.74	0.00	11.66	0.16	16.38
11	6.33	-83.78	0.00	13.06	0.05	18.15
11	8.58	-32.98	0.00	6.99	0.01	12.13
12	4.07	-65.35	0.00	11.52	0.16	16.23
12	6.33	-82.94	0.00	13.01	0.05	18.07
12	8.58	-33.28	0.00	7.04	0.01	12.18
1	8.58	-21.46	0.00	4.96	6.85	12.67
1	10.46	-36.57	0.00	8.01	8.37	15.33
3	8.58	-18.77	0.00	4.38	3.47	12.14
3	10.46	-32.37	-0.00	7.20	4.38	14.64
5	8.58	-21.98	0.00	5.07	7.18	12.77
5	10.46	-32.09	0.00	7.14	8.57	14.60
7	8.58	-19.74	0.00	4.59	4.08	12.33
7	10.46	-24.05	0.00	5.51	4.74	13.17
9	8.58	-24.84	0.00	5.43	0.22	10.30
9	10.46	-33.27	0.00	6.93	0.24	11.56
10	8.58	-24.80	0.00	5.42	0.22	10.29
10	10.46	-32.29	0.00	6.76	0.24	11.42
11	8.58	-24.56	0.00	5.37	0.18	10.25
11	10.46	-33.04	0.00	6.89	0.28	11.53
12	8.58	-25.09	-0.00	5.47	0.18	10.34
12	10.46	-32.52	0.00	6.80	0.28	11.46

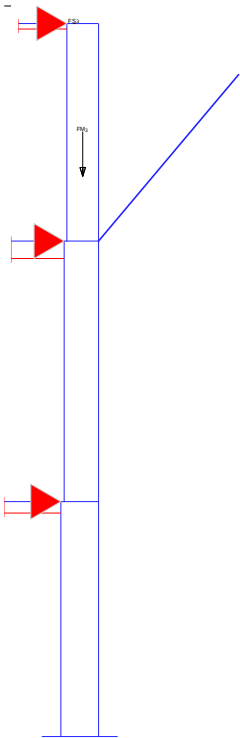
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.56	1.44	2.08
0.00	4.07	8	SLD	0.63	1.62	1.85
4.07	8.58	6	SLD	1.04	2.48	1.21
8.58	12.35	4	SLD	0.23	0.61	4.88

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.27	0.70	4.31
4.07	8.58	2	SLD	0.72	1.70	1.76
4.07	8.58	8	SLD	0.82	1.95	1.54
8.58	12.35	6	SLD	0.54	1.46	2.05

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.77	1.99	1.51
4.07	8.58	4	SLD	0.25	0.60	5.03
8.58	12.35	2	SLD	0.36	0.97	3.08
8.58	12.35	8	SLD	0.47	1.27	2.36

Verifiche cinematici
Ribalt. a z=8.58

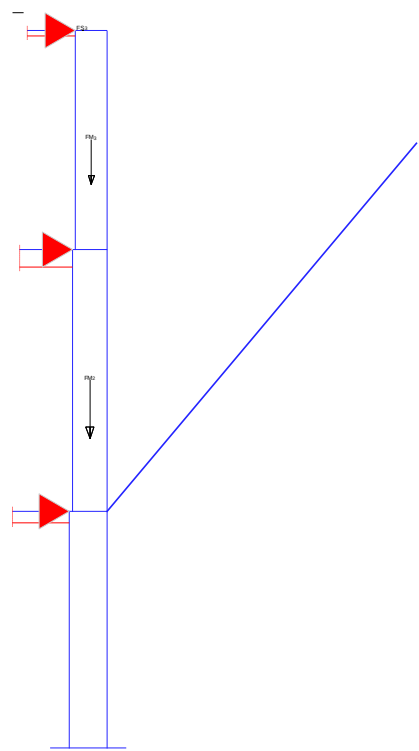


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp M^{*}=2207.48 <kg>
 Frazione di massa partecipante e^{*}=0.98
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=113.10 <mm>
 Domanda di spostamento [C8A.4.11]=118.59 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.9537
 Domanda di spostamento amplificata [C8A.4.12]=106.02 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0668

Ribalt. a z=4.07

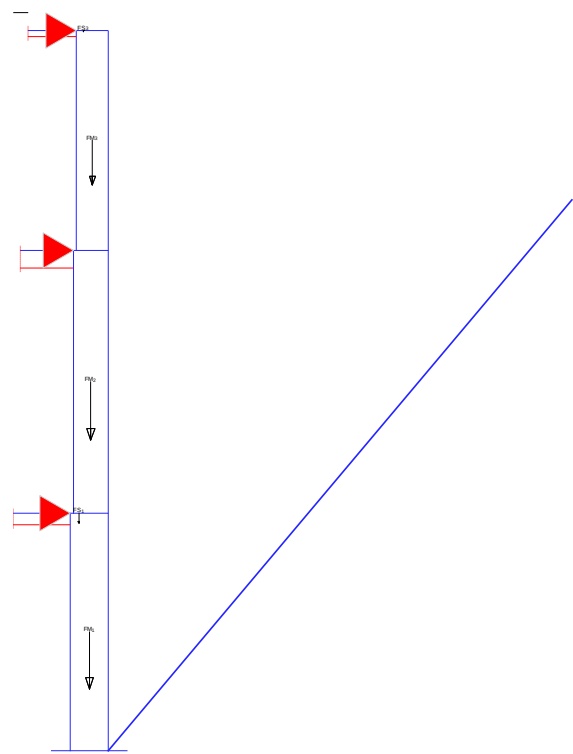


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=4069.92$ <kg>
 Frazione di massa partecipante $e^*=0.79$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=146.17$ <mm>
 Domanda di spostamento [C8A.4.11]=172.94 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8452
 Domanda di spostamento amplificata [C8A.4.12]=64.49 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.2667

Ribalt. a z=0.00

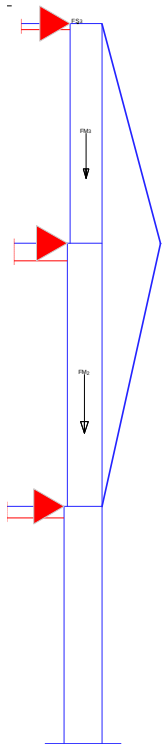


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		27.59	0.00	2.04	Peso maschio piano 1
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₁		4.86	0.18	4.07	Peso solaio piano 1
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=6407.67$ <kg>
 Frazione di massa partecipante $e^*=0.76$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=165.59$ <mm>
 Domanda di spostamento [C8A.4.11]=191.30 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8656

Fless. a z= 8.58 da z= 4.07 a z=12.35

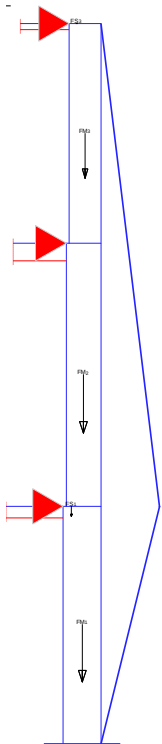


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=5081.56 <kg>
Frazione di massa partecipante e^{*}=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=71.16 <mm>
Domanda di spostamento [C8A.4.11]=66.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0657
Domanda di spostamento amplificata [C8A.4.12]=85.90 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8284

Fless. a z= 4.07 da z= 0.00 a z=12.35

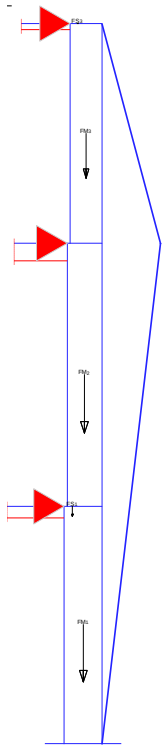


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		27.59	0.00	2.04	Peso maschio piano 1
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₁		4.86	0.18	4.07	Peso solaio piano 1
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=7130.72 <kg>
 Frazione di massa partecipante e^{*}=0.85
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=112.12 <mm>
 Domanda di spostamento [C8A.4.11]=76.73 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.4613

Fless. a z= 8.58 da z= 0.00 a z=12.35

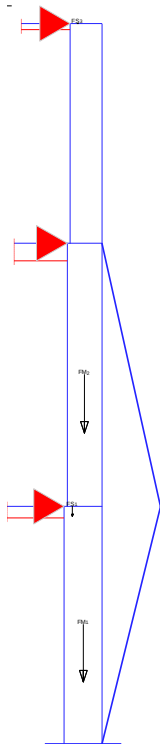


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		27.59	0.00	2.04	Peso maschio piano 1
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FM ₃		21.63	-0.05	10.46	Peso maschio piano 3
FS ₁		4.86	0.18	4.07	Peso solaio piano 1
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=7137.39$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.98$ <mm>
Domanda di spostamento [C8A.4.11]=106.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0488

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		27.59	0.00	2.04	Peso maschio piano 1
FM ₂		28.22	-0.03	6.33	Peso maschio piano 2
FS ₁		4.86	0.18	4.07	Peso solaio piano 1
FS ₃		0.41	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=5611.46$ <kg>
 Frazione di massa partecipante $e^*=0.90$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=83.14$ <mm>
 Domanda di spostamento [C8A.4.11]=68.12 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2204

Maschio in muratura ordinaria n. 29

$X_g=19.86$ <m> $Y_g=12.54$ <m> $L=0.82$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi	zf	Spess.	h	d ₁	S _{xx}	d ₂	S _{dx}	d ₂	e _a	a	p	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03	111	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					118	-0.18												
4.07	8.58	0.60	4.21		204	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-234.81	-4.47	---	---	---	---	---	-713.57	46.77
							2.04	-205.14	-1.88	---	---	---	---	---	-713.57	44.12
							4.07	-147.10	-5.10	---	---	---	---	---	-713.57	36.21
3							0.00	-184.10	-2.14	---	---	---	---	---	-713.57	41.67
							2.04	-162.34	-0.98	---	---	---	---	---	-713.57	38.64
							4.07	-113.09	-1.86	---	---	---	---	---	-713.57	29.90
5							0.00	-264.00	-5.60	---	---	---	---	---	-713.57	48.45
							2.04	-237.44	-2.29	---	---	---	---	---	-713.57	46.96
							4.07	-176.59	-6.68	---	---	---	---	---	-713.57	40.68
7							0.00	-238.29	-4.24	---	---	---	---	---	-713.57	47.02
							2.04	-222.33	-1.73	---	---	---	---	---	-713.57	45.77
							4.07	-167.84	-4.80	---	---	---	---	---	-713.57	39.45
9	-142.11	0.02	13.39	0.00	-0.02	0.03	0.00	-257.50	-0.63	0.00	0.02	0.02	0.18	0.86	-407.60	30.39
							2.04	-242.11	-0.24	---	---	0.02	0.18	0.86	-407.60	31.57
							4.07	-177.04	-0.00	---	---	0.03	0.24	0.82	-391.33	32.35
10	-140.75	0.02	13.39	0.00	-0.02	0.03	0.00	-251.47	-0.56	0.00	0.02	0.02	0.18	0.86	-407.60	30.90

							2.04	-238.70	-0.20	---	---	0.02	0.18	0.86	-407.60	31.78
							4.07	-177.44	0.18	---	---	0.03	0.24	0.82	-391.69	32.36
11	-143.52	0.02	13.39	0.00	-0.02	0.03	0.00	-258.31	-0.37	0.00	0.01	0.02	0.18	0.86	-407.60	30.32
							2.04	-243.70	-0.16	---	---	0.02	0.18	0.86	-407.60	31.47
							4.07	-179.66	0.29	---	---	0.03	0.25	0.82	-390.97	32.45
12	-139.35	0.02	13.39	0.00	-0.02	0.03	0.00	-250.67	-0.83	0.00	0.02	0.02	0.18	0.86	-407.60	30.96
							2.04	-237.12	-0.28	---	---	0.02	0.18	0.86	-407.60	31.87
							4.07	-174.82	-0.11	---	---	0.03	0.24	0.82	-392.06	32.25
1							4.07	-121.29	-5.66	---	---	---	---	---	-658.68	28.50
							6.33	-82.32	-5.51	---	---	---	---	---	-658.68	21.06
3							4.07	-87.21	-2.61	---	---	---	---	---	-658.68	22.09
							6.33	-77.99	-2.42	---	---	---	---	---	-658.68	20.14
5							4.07	-152.40	-7.11	---	---	---	---	---	-658.68	33.27
							6.33	-83.67	-7.36	---	---	---	---	---	-658.68	21.35
7							4.07	-144.98	-5.30	---	---	---	---	---	-658.68	32.23
							6.33	-80.51	-5.86	---	---	---	---	---	-658.68	20.68
9	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-142.11	-1.16	---	---	0.02	0.21	0.82	-359.14	26.40
							6.33	-105.59	-2.94	0.03	0.04	0.04	0.38	0.73	-320.22	22.72
10	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-140.75	-0.99	---	---	0.02	0.21	0.82	-359.14	26.30
							6.33	-106.22	-2.97	0.03	0.04	0.04	0.39	0.73	-319.86	22.80
11	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-143.52	-0.90	---	---	0.02	0.21	0.82	-359.14	26.50
							6.33	-105.63	-3.15	0.03	0.04	0.04	0.40	0.72	-315.69	22.72
12	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-139.35	-1.25	---	---	0.02	0.21	0.82	-359.14	26.20
							6.33	-106.17	-2.76	0.03	0.04	0.04	0.37	0.74	-324.37	22.79

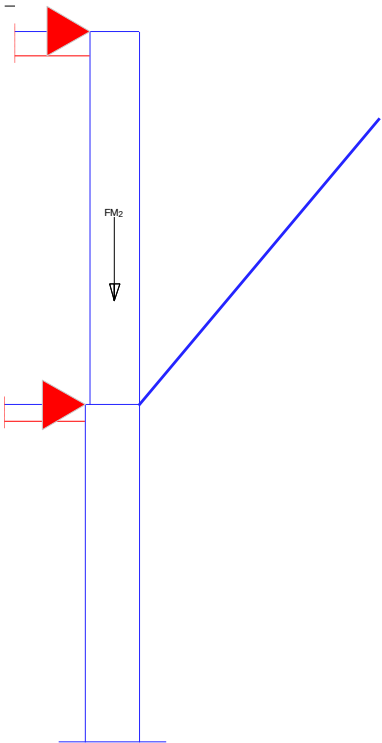
Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-234.81	0.00	59.24	50.68	49.79
1	2.04	-205.14	0.00	55.89	55.52	46.82
1	4.07	-147.10	0.00	45.87	12.12	40.39
3	0.00	-184.10	0.00	52.78	33.91	44.60
3	2.04	-162.34	0.00	48.94	37.55	42.18
3	4.07	-113.09	0.00	37.88	5.42	36.10
5	0.00	-264.00	0.00	61.38	40.64	52.55
5	2.04	-237.44	0.00	59.48	43.92	50.04
5	4.07	-176.59	0.00	51.53	13.79	43.78
7	0.00	-238.29	0.00	59.56	15.27	50.13
7	2.04	-222.33	0.00	57.98	16.00	48.56
7	4.07	-167.84	0.00	49.98	8.52	42.80
9	0.00	-257.50	0.00	38.50	3.01	41.86
9	2.04	-242.11	-0.00	39.99	3.27	40.66
9	4.07	-177.04	0.00	40.97	0.68	35.13
10	0.00	-251.47	0.00	39.14	3.01	41.39
10	2.04	-238.70	0.00	40.26	3.27	40.39
10	4.07	-177.44	0.00	40.99	0.68	35.16
11	0.00	-258.31	0.00	38.41	0.70	41.92
11	2.04	-243.70	0.00	39.86	0.52	40.78
11	4.07	-179.66	0.00	41.10	0.35	35.37
12	0.00	-250.67	0.00	39.22	0.70	41.33
12	2.04	-237.12	0.00	40.37	0.52	40.26
12	4.07	-174.82	0.00	40.85	0.35	34.92
1	4.07	-121.29	0.00	39.11	17.06	35.51
1	6.33	-82.32	0.00	28.90	29.61	30.22
3	4.07	-87.21	-0.00	30.31	5.73	30.93
3	6.33	-77.99	0.00	27.64	14.05	29.58
5	4.07	-152.40	0.00	45.66	22.30	39.22
5	6.33	-83.67	0.00	29.30	32.47	30.42
7	4.07	-144.98	0.00	44.23	15.46	38.37
7	6.33	-80.51	0.00	28.38	19.37	29.95
9	4.07	-142.11	0.00	36.23	0.75	30.41
9	6.33	-105.59	0.00	31.17	1.28	26.60
10	4.07	-140.75	0.00	36.09	0.75	30.27
10	6.33	-106.22	0.00	31.28	1.28	26.67
11	4.07	-143.52	0.00	36.36	0.52	30.54
11	6.33	-105.63	0.00	31.18	0.42	26.60
12	4.07	-139.35	0.00	35.95	0.52	30.14
12	6.33	-106.17	0.00	31.28	0.42	26.66

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.52	1.36	2.21	0.00	4.07	4	SLD	0.26	0.67	4.47	0.00	4.07	6	SLD	0.73	1.90	1.58
0.00	4.07	8	SLD	0.61	1.57	1.91	4.07	8.58	2	SLD	0.70	1.67	1.80	4.07	8.58	4	SLD	0.23	0.56	5.38
4.07	8.58	6	SLD	1.06	2.51	1.19	4.07	8.58	8	SLD	0.85	2.01	1.49							

Verifiche cinematicismi
Ribalt. a z=4.07

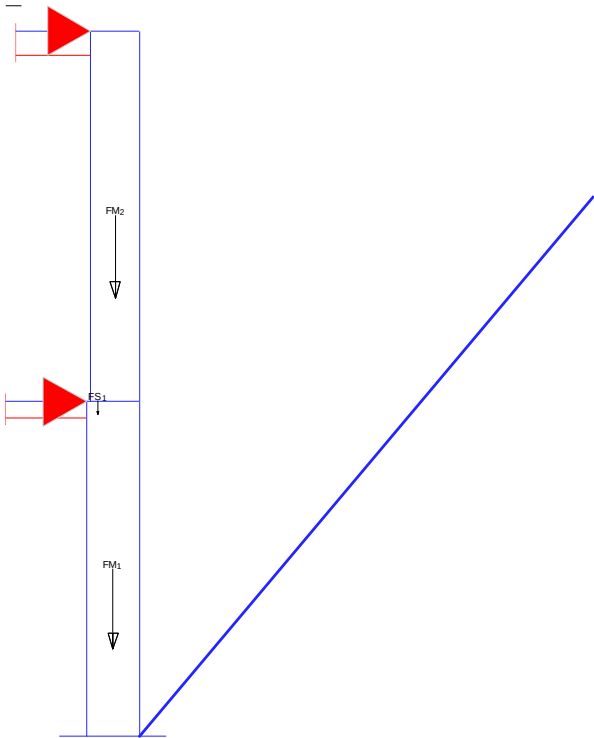


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		46.79	-0.03	6.33	Peso maschio piano 2

Massa partecipante al cinematicismo $M^*=4769.36$ <kg>
 Frazione di massa partecipante $e^*=1.00$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=120.00$ <mm>
 Domanda di spostamento [C8A.4.11]=128.54 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.9336
 Domanda di spostamento amplificata [C8A.4.12]=52.72 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.2761

Ribalt. a z=0.00

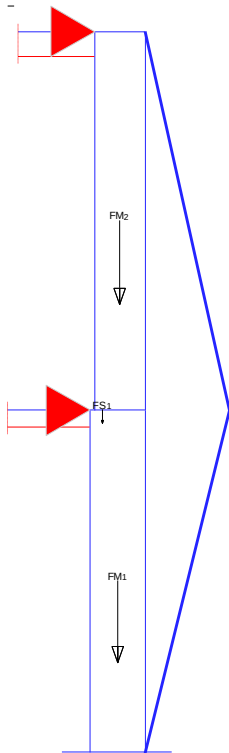


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		45.74	0.00	2.04	Peso maschio piano 1
FM ₂		46.79	-0.03	6.33	Peso maschio piano 2
FS ₁		7.27	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^{*}=8188.03 <kg>
 Frazione di massa partecipante e^{*}=0.80
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=162.29 <mm>
 Domanda di spostamento [C8A.4.11]=175.26 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.9260

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		45.74	0.00	2.04	Peso maschio piano 1
FM ₂		46.79	-0.03	6.33	Peso maschio piano 2
FS ₁		7.27	0.18	4.07	Peso solaio piano 1

Massa partecipante al cinematisimo $M^*=9609.48$ <kg>
 Frazione di massa partecipante $e^*=0.94$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=80.90$ <mm>
 Domanda di spostamento [C8A.4.11]=69.20 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.1690

Maschio in muratura ordinaria n. 30

Xg=18.21 <m> Yg=12.54 <m> L=2.48 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi	zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _d SLU	F _d SED	F _{VRD}	F _{vd} SLU	F _{vd} SED
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	0.03	105	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					117	-0.18												
4.07	8.58	0.60	4.21	0.03	205	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67		408	-0.15			0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
					305	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-528.59	-8.03	---	---	---	---	---	-2149.32	122.09
							2.04	-592.38	-6.50	---	---	---	---	---	-2149.32	130.10
							4.07	-412.47	-10.77	---	---	---	---	---	-2149.32	103.79
3							0.00	-434.96	-2.89	---	---	---	---	---	-2149.32	107.71
							2.04	-482.98	-3.04	---	---	---	---	---	-2149.32	115.47
							4.07	-324.12	-3.14	---	---	---	---	---	-2149.32	86.65
5							0.00	-588.74	-11.86	---	---	---	---	---	-2149.32	129.68
							2.04	-683.57	-9.23	---	---	---	---	---	-2149.32	139.04
							4.07	-493.64	-15.64	---	---	---	---	---	-2149.32	117.08
7							0.00	-546.68	-9.99	---	---	---	---	---	-2149.32	124.51
							2.04	-652.34	-8.11	---	---	---	---	---	-2149.32	136.31
							4.07	-474.86	-12.17	---	---	---	---	---	-2149.32	114.22
9	-430.71	0.02	41.50	0.00	-0.02	0.03	0.00	-606.85	-1.26	---	---	0.02	0.18	0.86	-1227.72	98.96
							2.04	-723.77	-2.40	0.00	0.02	0.02	0.18	0.86	-1227.72	95.44
							4.07	-515.37	-0.98	---	---	0.03	0.24	0.82	-1181.23	96.62

10	-435.46	0.02	41.50	0.00	-0.02	0.03	0.00	-613.07	-1.13	---	---	0.02	0.18	0.86	-1227.72	98.95
							2.04	-726.93	-2.36	0.00	0.02	0.02	0.18	0.86	-1227.72	95.25
							4.07	-513.74	-0.82	---	---	0.03	0.24	0.82	-1179.99	96.54
11	-438.53	0.02	41.50	0.00	-0.02	0.03	0.00	-618.49	-0.61	---	---	0.02	0.18	0.86	-1227.72	98.93
							2.04	-734.75	-2.17	0.00	0.02	0.02	0.18	0.86	-1227.72	94.74
							4.07	-521.14	-0.48	---	---	0.03	0.24	0.82	-1179.20	96.90
12	-427.64	0.02	41.50	0.00	-0.02	0.03	0.00	-601.44	-1.78	---	---	0.02	0.18	0.86	-1227.72	98.94
							2.04	-715.96	-2.60	0.00	0.02	0.02	0.18	0.86	-1227.72	95.90
							4.07	-507.97	-1.32	---	---	0.03	0.24	0.82	-1182.04	96.24
1							4.07	-408.14	-14.05	---	---	---	---	---	-1983.99	92.81
							6.33	-322.72	-14.89	---	---	---	---	---	-1983.99	78.29
							8.58	-215.90	10.44	---	---	---	---	---	-1983.99	56.48
3							4.07	-336.27	-6.41	---	---	---	---	---	-1983.99	80.76
							6.33	-292.63	-7.47	---	---	---	---	---	-1983.99	72.56
							8.58	-208.02	4.40	---	---	---	---	---	-1983.99	54.71
5							4.07	-436.60	-18.14	---	---	---	---	---	-1983.99	97.07
							6.33	-304.48	-18.15	---	---	---	---	---	-1983.99	74.85
							8.58	-188.71	12.32	---	---	---	---	---	-1983.99	50.28
7							4.07	-389.11	-14.00	---	---	---	---	---	-1983.99	89.80
							6.33	-258.74	-13.51	---	---	---	---	---	-1983.99	65.71
							8.58	-157.52	7.90	---	---	---	---	---	-1983.99	42.84
9	-188.65	0.03	0.00	0.00	0.00	0.05	4.07	-430.71	-4.57	---	---	0.02	0.21	0.82	-1081.77	79.71
							6.33	-347.76	-6.80	0.02	0.04	0.04	0.43	0.71	-936.01	72.06
							8.58	-241.70	-2.49	---	---	0.05	0.46	0.69	-912.49	56.92
10	-188.66	0.03	0.00	0.00	0.00	0.05	4.07	-435.46	-4.37	---	---	0.02	0.21	0.82	-1081.77	80.04
							6.33	-340.45	-7.19	0.02	0.04	0.04	0.44	0.70	-925.48	71.21
							8.58	-236.82	-2.84	---	---	0.05	0.46	0.69	-912.49	56.08
11	-188.53	0.03	0.00	0.00	0.00	0.05	4.07	-438.53	-4.10	---	---	0.02	0.21	0.82	-1081.77	80.24
							6.33	-345.75	-7.48	0.02	0.04	0.04	0.45	0.70	-921.83	71.83
							8.58	-239.39	-3.03	---	---	0.05	0.46	0.69	-912.49	56.52
12	-188.78	0.03	0.00	0.00	0.00	0.05	4.07	-427.64	-4.84	---	---	0.02	0.21	0.82	-1081.77	79.49
							6.33	-342.46	-6.50	0.02	0.04	0.04	0.42	0.71	-939.86	71.44
							8.58	-239.14	-2.30	---	---	0.05	0.46	0.69	-912.49	56.48
1							8.58	-141.35	8.81	---	---	---	---	---	-1818.66	35.32
							10.46	-103.48	10.25	---	---	---	---	---	-1818.66	26.55
3							8.58	-136.82	4.91	---	---	---	---	---	-1818.66	34.30
							10.46	-99.99	6.65	---	---	---	---	---	-1818.66	25.72
5							8.58	-140.34	9.50	---	---	---	---	---	-1818.66	35.09
							10.46	-103.37	9.33	---	---	---	---	---	-1818.66	26.53
7							8.58	-134.96	6.19	---	---	---	---	---	-1818.66	33.87
							10.46	-99.78	4.94	---	---	---	---	---	-1818.66	25.67
9	0.00	0.00	3.59	0.00	-0.15	0.17	8.58	-188.65	0.51	---	---	0.02	0.20	0.83	-1006.86	42.38
							10.46	-141.69	2.86	-0.02	0.11	0.11	1.16	0.46	-561.42	33.61
10	0.00	0.00	3.59	0.00	-0.15	0.17	8.58	-188.66	0.20	---	---	0.02	0.20	0.83	-1006.86	42.38
							10.46	-141.65	2.43	-0.02	0.10	0.10	1.13	0.47	-574.88	33.60
11	0.00	0.00	3.59	0.00	-0.15	0.17	8.58	-188.53	0.12	---	---	0.02	0.20	0.83	-1006.86	42.36
							10.46	-141.59	2.50	-0.02	0.10	0.10	1.13	0.47	-572.69	33.59
12	0.00	0.00	3.59	0.00	-0.15	0.17	8.58	-188.78	0.59	---	---	0.02	0.20	0.83	-1006.86	42.41
							10.46	-141.75	2.79	-0.02	0.11	0.11	1.16	0.46	-563.62	33.62

Verifiche per azioni nel piano

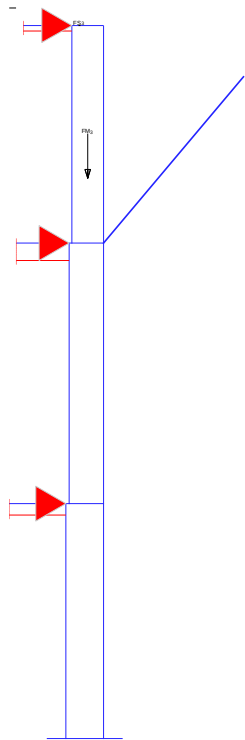
CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-528.59	0.00	465.80	137.05	131.49
1	2.04	-592.38	0.00	496.37	214.64	138.38
1	4.07	-412.47	0.00	395.99	88.13	117.95
3	0.00	-434.96	0.00	410.94	114.97	120.69
3	2.04	-482.98	-0.00	440.56	178.74	126.35
3	4.07	-324.12	-0.00	330.60	78.42	106.49
5	0.00	-588.74	0.00	494.77	74.59	137.99
5	2.04	-683.57	0.00	530.47	118.85	147.65
5	4.07	-493.64	0.00	446.72	41.16	127.57
7	0.00	-546.68	0.00	475.04	1.01	133.48
7	2.04	-652.34	0.00	520.06	0.84	144.54
7	4.07	-474.86	0.00	435.77	8.80	125.41
9	0.00	-606.85	0.00	377.56	8.11	112.35
9	2.04	-723.77	0.00	364.15	12.09	122.03
9	4.07	-515.37	-0.00	368.64	4.28	104.15
10	0.00	-613.07	-0.00	377.55	8.11	112.89
10	2.04	-726.93	-0.00	363.40	12.09	122.28
10	4.07	-513.74	0.00	368.33	4.28	104.00
11	0.00	-618.49	-0.00	377.47	0.50	113.35
11	2.04	-734.75	-0.00	361.46	0.09	122.90
11	4.07	-521.14	-0.00	369.71	1.01	104.69
12	0.00	-601.44	0.00	377.50	0.50	111.88
12	2.04	-715.96	0.00	365.91	0.09	121.41
12	4.07	-507.97	0.00	367.18	1.01	103.46
1	4.07	-408.14	0.00	383.61	108.31	112.20

1	6.33	-322.72	0.00	323.59	145.26	101.46
1	8.58	-215.90	0.00	233.44	48.71	86.17
3	4.07	-336.27	0.00	333.83	96.18	103.24
3	6.33	-292.63	0.00	299.89	130.44	97.40
3	8.58	-208.02	0.00	226.12	44.91	84.93
5	4.07	-436.60	0.00	401.22	50.89	115.56
5	6.33	-304.48	0.00	309.38	66.05	99.02
5	8.58	-188.71	0.00	207.82	20.36	81.82
7	4.07	-389.11	0.00	371.17	10.46	109.90
7	6.33	-258.74	0.00	271.61	16.66	92.60
7	8.58	-157.52	-0.00	177.08	7.72	76.53
9	4.07	-430.71	0.00	329.47	4.66	91.85
9	6.33	-347.76	-0.00	297.83	5.95	83.37
9	8.58	-241.70	-0.00	235.28	1.70	71.07
10	4.07	-435.46	-0.00	330.82	4.66	92.31
10	6.33	-340.45	0.00	294.32	5.95	82.58
10	8.58	-236.82	0.00	231.80	1.70	70.45
11	4.07	-438.53	-0.00	331.67	1.23	92.61
11	6.33	-345.75	-0.00	296.88	0.75	83.15
11	8.58	-239.39	-0.00	233.63	0.16	70.78
12	4.07	-427.64	0.00	328.57	1.23	91.55
12	6.33	-342.46	0.00	295.30	0.75	82.80
12	8.58	-239.14	0.00	233.45	0.16	70.75
1	8.58	-141.35	0.00	159.25	47.32	70.56
1	10.46	-103.48	0.00	119.73	82.58	63.41
3	8.58	-136.82	0.00	154.65	38.58	69.74
3	10.46	-99.99	0.00	115.97	67.04	62.71
5	8.58	-140.34	0.00	158.23	27.44	70.38
5	10.46	-103.37	0.00	119.60	48.35	63.38
7	8.58	-134.96	0.00	152.74	1.67	69.40
7	10.46	-99.78	0.00	115.74	3.47	62.66
9	8.58	-188.65	0.00	191.10	1.54	61.69
9	10.46	-141.69	-0.00	151.53	2.69	54.89
10	8.58	-188.66	-0.00	191.11	1.54	61.69
10	10.46	-141.65	0.00	151.50	2.69	54.89
11	8.58	-188.53	0.00	191.00	0.59	61.67
11	10.46	-141.59	0.00	151.45	0.95	54.88
12	8.58	-188.78	-0.00	191.21	0.59	61.71
12	10.46	-141.75	-0.00	151.59	0.95	54.90

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.51	1.33	2.26	0.00	4.07	4	SLD	0.25	0.65	4.64	0.00	4.07	6	SLD	0.71	1.83	1.64
0.00	4.07	8	SLD	0.59	1.51	1.98	4.07	8.58	2	SLD	0.60	1.42	2.11	4.07	8.58	4	SLD	0.23	0.55	5.42
4.07	8.58	6	SLD	0.97	2.31	1.30	4.07	8.58	8	SLD	0.81	1.92	1.56	8.58	12.35	2	SLD	0.34	0.93	3.21
8.58	12.35	4	SLD	0.18	0.48	6.26	8.58	12.35	6	SLD	0.55	1.49	2.01	8.58	12.35	8	SLD	0.47	1.29	2.33

Verifiche cinematici
Ribalt. a z=8.58

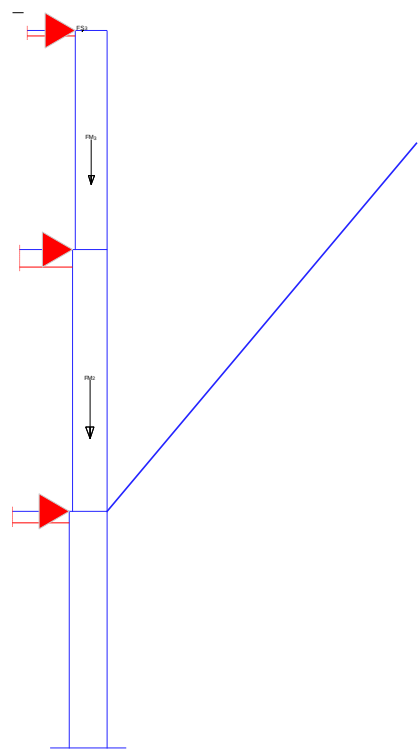


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=11027.80$ <kg>
Frazione di massa partecipante $e^*=0.98$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=113.60$ <mm>
Domanda di spostamento [C8A.4.11]=118.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9565
Domanda di spostamento amplificata [C8A.4.12]=106.11 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0706

Ribalt. a z=4.07

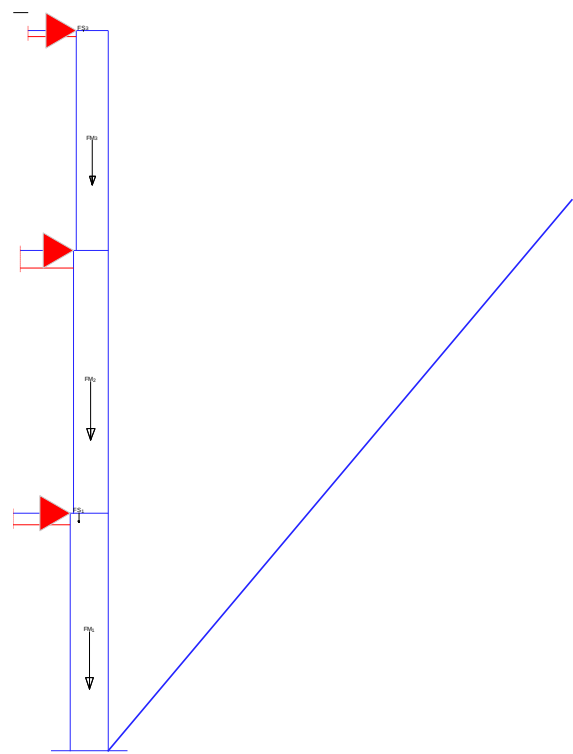


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=20344.80$ <kg>
 Frazione di massa partecipante $e^*=0.79$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=146.31$ <mm>
 Domanda di spostamento [C8A.4.11]=173.07 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8454
 Domanda di spostamento amplificata [C8A.4.12]=64.52 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=2.2677

Ribalt. a z=0.00

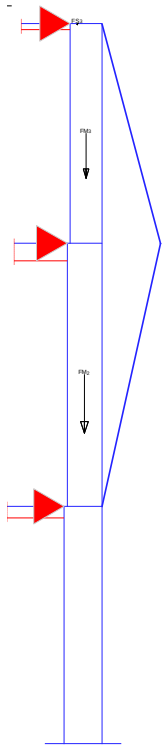


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		137.78	0.00	2.04	Peso maschio piano 1
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₁		22.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=31882.50 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=165.25 <mm>
Domanda di spostamento [C8A.4.11]=191.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8638

Fless. a z= 8.58 da z= 4.07 a z=12.35

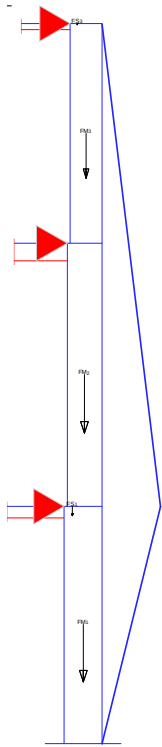


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=25373.60$ <kg>
 Frazione di massa partecipante $e^*=0.99$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=70.88$ <mm>
 Domanda di spostamento [C8A.4.11]=66.54 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0652
 Domanda di spostamento amplificata [C8A.4.12]=85.94 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8247

Fless. a z= 4.07 da z= 0.00 a z=12.35

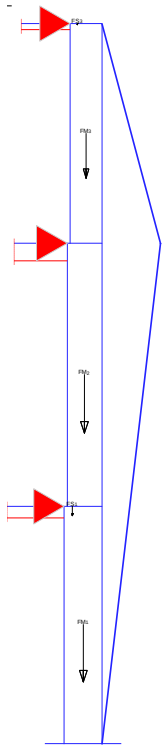


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		137.78	0.00	2.04	Peso maschio piano 1
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₁		22.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=35491.20$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.40$ <mm>
Domanda di spostamento [C8A.4.11]=76.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4608

Fless. a z= 8.58 da z= 0.00 a z=12.35

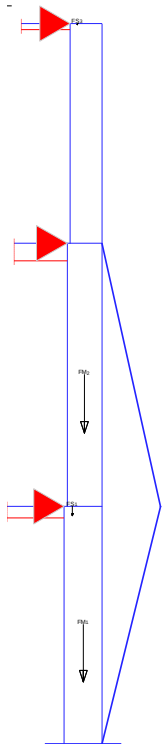


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		137.78	0.00	2.04	Peso maschio piano 1
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FM ₃		107.99	-0.05	10.46	Peso maschio piano 3
FS ₁		22.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=35469.20$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.44$ <mm>
Domanda di spostamento [C8A.4.11]=106.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0482

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		137.78	0.00	2.04	Peso maschio piano 1
FM ₂		140.93	-0.03	6.33	Peso maschio piano 2
FS ₁		22.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinetismo M^{*}=27755.80 <kg>
 Frazione di massa partecipante e^{*}=0.90
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=82.38 <mm>
 Domanda di spostamento [C8A.4.11]=67.28 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2244

Maschio in muratura ordinaria n. 31

Xg=23.61 <m> Yg=12.54 <m> L=3.09 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi <m>	zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₃ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.65	3.87	0.03	111	-0.18			0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
					118	-0.18												
4.07	8.58	0.60	4.21	0.03	204	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67		414	-0.15			0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
					306	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-705.47	-39.19	---	---	---	---	---	-2678.00	158.22
							2.04	-661.27	-17.88	---	---	---	---	---	-2678.00	152.48
							4.07	-449.40	-3.55	---	---	---	---	---	-2678.00	117.22
3							0.00	-538.21	-35.86	---	---	---	---	---	-2678.00	133.56
							2.04	-516.27	-16.91	---	---	---	---	---	-2678.00	129.73
							4.07	-369.63	-1.89	---	---	---	---	---	-2678.00	100.62
5							0.00	-841.68	-33.71	---	---	---	---	---	-2678.00	172.40
							2.04	-760.63	-14.76	---	---	---	---	---	-2678.00	164.60
							4.07	-487.53	-4.45	---	---	---	---	---	-2678.00	124.51
7							0.00	-791.16	-25.70	---	---	---	---	---	-2678.00	167.76
							2.04	-700.79	-11.13	---	---	---	---	---	-2678.00	157.64
							4.07	-440.44	-3.58	---	---	---	---	---	-2678.00	115.45
9	-454.04	0.02	54.37	0.00	-0.02	0.02	0.00	-807.83	-33.98	0.04	0.05	0.05	0.49	0.70	-1242.05	122.78
							2.04	-742.46	-15.39	---	---	0.02	0.18	0.86	-1529.70	123.24

							4.07	-505.73	-3.01	---	---	0.02	0.21	0.84	-1505.34	109.59
10	-449.32	0.02	54.37	0.00	-0.02	0.02	0.00	-799.82	-32.82	0.04	0.05	0.05	0.48	0.70	-1251.61	122.94
							2.04	-730.80	-14.95	---	---	0.02	0.18	0.86	-1529.70	123.13
							4.07	-497.26	-3.00	---	---	0.02	0.20	0.84	-1507.10	108.65
11	-457.17	0.02	54.37	0.00	-0.02	0.02	0.00	-818.10	-33.07	0.04	0.05	0.05	0.48	0.70	-1255.43	122.55
							2.04	-747.80	-15.22	---	---	0.02	0.18	0.86	-1529.70	123.27
							4.07	-506.74	-3.16	---	---	0.02	0.21	0.84	-1504.18	109.70
12	-446.19	0.02	54.37	0.00	-0.02	0.02	0.00	-789.55	-33.73	0.04	0.05	0.05	0.50	0.69	-1237.87	123.10
							2.04	-725.46	-15.12	---	---	0.02	0.18	0.86	-1529.70	123.06
							4.07	-496.25	-2.85	---	---	0.02	0.20	0.84	-1508.29	108.54
1							4.07	-397.59	-3.88	---	---	---	---	---	-2472.00	96.71
							6.33	-343.26	-9.36	---	---	---	---	---	-2472.00	86.15
							8.58	-228.97	6.09	---	---	---	---	---	-2472.00	61.21
3							4.07	-322.81	-0.97	---	---	---	---	---	-2472.00	81.97
							6.33	-288.21	-7.41	---	---	---	---	---	-2472.00	74.60
							8.58	-196.99	5.34	---	---	---	---	---	-2472.00	53.56
5							4.07	-446.86	-5.91	---	---	---	---	---	-2472.00	105.55
							6.33	-352.17	-5.89	---	---	---	---	---	-2472.00	87.94
							8.58	-222.21	3.21	---	---	---	---	---	-2472.00	59.61
7							4.07	-414.32	-4.76	---	---	---	---	---	-2472.00	99.79
							6.33	-304.76	-0.95	---	---	---	---	---	-2472.00	78.17
							8.58	-184.44	-0.00	---	---	---	---	---	-2472.00	50.48
9	-192.25	0.03	0.00	0.00	0.00	0.05	4.07	-454.04	-1.99	0.00	0.03	0.03	0.27	0.79	-1294.23	92.06
							6.33	-364.72	0.87	---	---	0.02	0.23	0.81	-1331.19	80.93
							8.58	-235.49	0.16	---	---	0.05	0.46	0.69	-1136.94	58.77
10	-189.35	0.03	0.00	0.00	0.00	0.05	4.07	-449.32	-2.10	0.00	0.03	0.03	0.28	0.78	-1291.79	91.56
							6.33	-356.97	0.36	---	---	0.02	0.23	0.81	-1331.19	79.80
							8.58	-230.15	-0.22	---	---	0.05	0.46	0.69	-1136.94	57.70
11	-192.59	0.03	0.00	0.00	0.00	0.05	4.07	-457.17	-2.14	0.00	0.03	0.03	0.28	0.78	-1291.69	92.39
							6.33	-363.85	0.54	---	---	0.02	0.23	0.81	-1331.19	80.80
							8.58	-234.60	0.00	---	---	0.05	0.46	0.69	-1136.94	58.59
12	-189.01	0.03	0.00	0.00	0.00	0.05	4.07	-446.19	-1.95	0.00	0.03	0.03	0.27	0.79	-1294.37	91.22
							6.33	-357.85	0.69	---	---	0.02	0.23	0.81	-1331.19	79.93
							8.58	-231.04	-0.06	---	---	0.05	0.46	0.69	-1136.94	57.88
1							8.58	-180.38	7.49	---	---	---	---	---	-2266.00	44.96
							10.46	-150.32	12.59	---	---	---	---	---	-2266.00	38.11
3							8.58	-154.54	6.57	---	---	---	---	---	-2266.00	39.09
							10.46	-131.94	10.59	---	---	---	---	---	-2266.00	33.80
5							8.58	-182.06	4.30	---	---	---	---	---	-2266.00	45.33
							10.46	-151.50	7.55	---	---	---	---	---	-2266.00	38.39
7							8.58	-157.67	0.65	---	---	---	---	---	-2266.00	39.81
							10.46	-134.14	1.23	---	---	---	---	---	-2266.00	34.32
9	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-192.25	1.32	---	---	0.02	0.20	0.83	-1254.53	44.95
							10.46	-171.48	3.72	---	---	0.09	0.94	0.54	-809.29	40.86
10	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-189.35	0.91	---	---	0.02	0.20	0.83	-1254.53	44.39
							10.46	-169.41	3.14	---	---	0.09	0.94	0.54	-809.29	40.44
11	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-192.59	1.15	---	---	0.02	0.20	0.83	-1254.53	45.02
							10.46	-171.75	3.43	---	---	0.09	0.94	0.54	-809.29	40.91
12	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-189.01	1.08	---	---	0.02	0.20	0.83	-1254.53	44.33
							10.46	-169.15	3.43	---	---	0.09	0.94	0.54	-809.29	40.39

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{ed} <kN>	Vu <kN>
1	0.00	-705.47	0.00	752.15	95.21	202.34
1	2.04	-661.27	0.00	724.87	99.83	196.58
1	4.07	-449.40	0.00	557.25	52.54	166.20
3	0.00	-538.21	0.00	634.92	55.00	179.56
3	2.04	-516.27	0.00	616.73	57.68	176.35
3	4.07	-369.63	-0.00	478.35	19.31	153.21
5	0.00	-841.68	0.00	819.56	89.55	219.15
5	2.04	-760.63	0.00	782.49	93.88	209.31
5	4.07	-487.53	0.00	591.91	66.16	172.06
7	0.00	-791.16	0.00	797.50	44.49	213.07
7	2.04	-700.79	0.00	749.39	46.62	201.74
7	4.07	-440.44	0.00	548.82	44.60	164.79
9	0.00	-807.83	0.00	583.70	6.16	172.92
9	2.04	-742.46	0.00	585.88	6.01	166.24
9	4.07	-505.73	0.00	520.96	2.19	139.37
10	0.00	-799.82	-0.00	584.43	6.16	172.12
10	2.04	-730.80	-0.00	585.35	6.01	165.01
10	4.07	-497.26	-0.00	516.53	2.19	138.31
11	0.00	-818.10	0.00	582.56	3.64	173.95
11	2.04	-747.80	0.00	586.02	3.86	166.79
11	4.07	-506.74	0.00	521.48	3.33	139.50
12	0.00	-789.55	-0.00	585.18	3.64	171.08
12	2.04	-725.46	-0.00	585.02	3.86	164.45
12	4.07	-496.25	-0.00	515.99	3.33	138.19

Fascicolo dei calcoli

1	4.07	-397.59	0.00	498.04	61.87	138.52
1	6.33	-343.26	0.00	443.70	66.66	130.32
1	8.58	-228.97	0.00	315.21	24.41	111.11
3	4.07	-322.81	-0.00	422.12	28.70	127.10
3	6.33	-288.21	0.00	384.20	27.52	121.45
3	8.58	-196.99	0.00	275.82	0.42	105.11
5	4.07	-446.86	0.00	543.57	68.87	145.56
5	6.33	-352.17	0.00	452.91	79.36	131.70
5	8.58	-222.21	0.00	307.01	43.71	109.87
7	4.07	-414.32	0.00	513.90	41.69	140.95
7	6.33	-304.76	0.00	402.56	51.11	124.18
7	8.58	-184.44	0.00	259.95	36.26	102.66
9	4.07	-454.04	0.00	474.12	2.57	116.79
9	6.33	-364.72	0.00	416.78	2.21	105.94
9	8.58	-235.49	0.00	302.67	0.21	87.91
10	4.07	-449.32	-0.00	471.53	2.57	116.24
10	6.33	-356.97	-0.00	410.97	2.21	104.95
10	8.58	-230.15	-0.00	297.16	0.21	87.09
11	4.07	-457.17	0.00	475.81	2.96	117.15
11	6.33	-363.85	0.00	416.13	3.18	105.83
11	8.58	-234.60	0.00	301.75	2.06	87.77
12	4.07	-446.19	-0.00	469.79	2.96	115.88
12	6.33	-357.85	-0.00	411.64	3.18	105.06
12	8.58	-231.04	-0.00	298.08	2.06	87.22
1	8.58	-180.38	0.00	252.58	19.51	110.49
1	10.46	-150.32	0.00	214.11	48.31	103.62
3	8.58	-154.54	0.00	219.61	6.14	104.61
3	10.46	-131.94	0.00	189.89	39.19	99.18
5	8.58	-182.06	0.00	254.70	26.13	110.86
5	10.46	-151.50	0.00	215.66	28.33	103.89
7	8.58	-157.67	0.00	223.66	18.44	105.34
7	10.46	-134.14	0.00	192.82	2.08	99.72
9	8.58	-192.25	0.00	252.56	0.44	88.18
9	10.46	-171.48	0.00	229.56	1.57	84.25
10	8.58	-189.35	-0.00	249.41	0.44	87.64
10	10.46	-169.41	-0.00	227.21	1.57	83.84
11	8.58	-192.59	0.00	252.93	1.15	88.24
11	10.46	-171.75	0.00	229.86	0.72	84.30
12	8.58	-189.01	-0.00	249.04	1.15	87.57
12	10.46	-169.15	-0.00	226.91	0.72	83.79

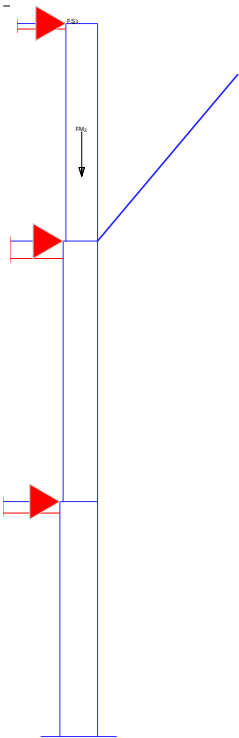
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.56	1.45	2.07
0.00	4.07	8	SLD	0.59	1.52	1.97
4.07	8.58	6	SLD	0.77	1.82	1.65
8.58	12.35	4	SLD	0.28	0.77	3.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.29	0.76	3.97
4.07	8.58	2	SLD	0.56	1.34	2.24
4.07	8.58	8	SLD	0.59	1.40	2.14
8.58	12.35	6	SLD	0.52	1.42	2.11

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.74	1.92	1.56
4.07	8.58	4	SLD	0.25	0.60	5.04
8.58	12.35	2	SLD	0.39	1.07	2.82
8.58	12.35	8	SLD	0.44	1.21	2.48

Verifiche cinematici
Ribalt. a z=8.58

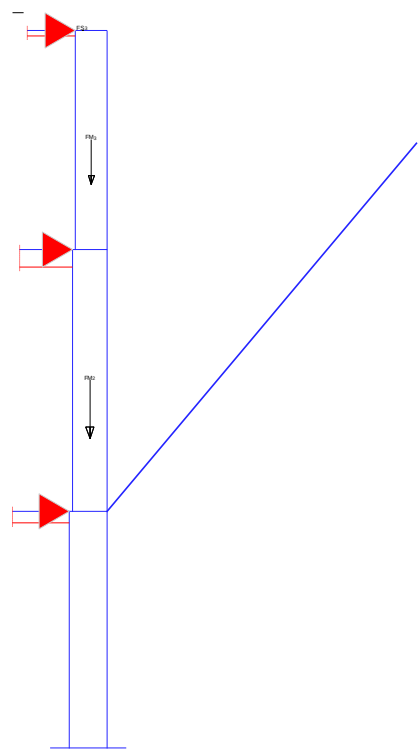


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=13733.80$ <kg>
Frazione di massa partecipante $e^*=0.98$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=113.10$ <mm>
Domanda di spostamento [C8A.4.11]=118.59 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9537
Domanda di spostamento amplificata [C8A.4.12]=106.02 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0668

Ribalt. a z=4.07

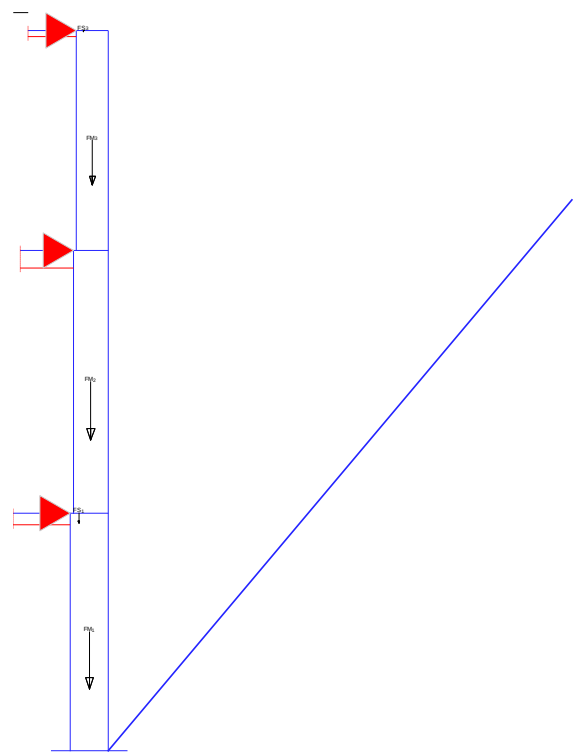


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=25320.90 <kg>
Frazione di massa partecipante e^{*}=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=146.17 <mm>
Domanda di spostamento [C8A.4.11]=172.94 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8452
Domanda di spostamento amplificata [C8A.4.12]=64.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2667

Ribalt. a z=0.00

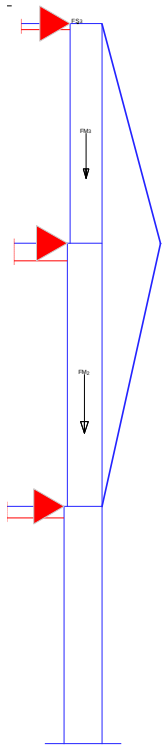


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.67	0.00	2.04	Peso maschio piano 1
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₁		29.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=39810.20 <kg>
Frazione di massa partecipante e^{*}=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_v^{*}=165.45 <mm>
Domanda di spostamento [C8A.4.11]=191.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8649

Fless. a z= 8.58 da z= 4.07 a z=12.35

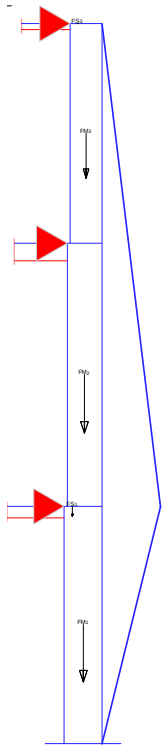


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=31614.90 <kg>
Frazione di massa partecipante e^{*}=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=71.16 <mm>
Domanda di spostamento [C8A.4.11]=66.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0657
Domanda di spostamento amplificata [C8A.4.12]=85.90 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8284

Fless. a z= 4.07 da z= 0.00 a z=12.35

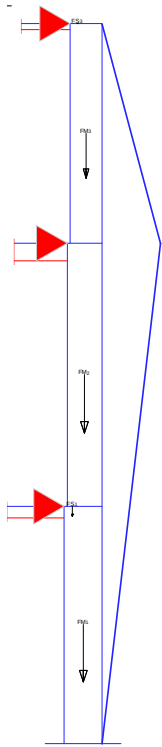


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.67	0.00	2.04	Peso maschio piano 1
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₁		29.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=44317.10$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.90$ <mm>
Domanda di spostamento [C8A.4.11]=76.60 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4607

Fless. a z= 8.58 da z= 0.00 a z=12.35

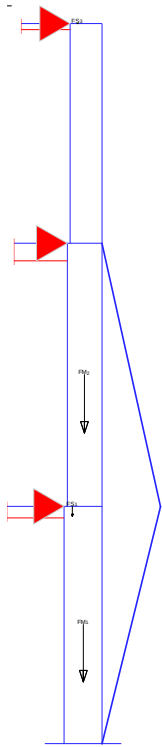


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.67	0.00	2.04	Peso maschio piano 1
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FM ₃		134.55	-0.05	10.46	Peso maschio piano 3
FS ₁		29.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=44336.50$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.92$ <mm>
Domanda di spostamento [C8A.4.11]=106.72 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0487

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		171.67	0.00	2.04	Peso maschio piano 1
FM ₂		175.59	-0.03	6.33	Peso maschio piano 2
FS ₁		29.54	0.18	4.07	Peso solaio piano 1
FS ₃		2.55	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematisimo M^{*}=34875.40 <kg>
Frazione di massa partecipante e^{*}=0.90
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=82.84 <mm>
Domanda di spostamento [C8A.4.11]=67.95 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2191

Maschio in muratura ordinaria n. 32

Xg=0.30 <m> Yg=3.35 <m> L=6.70 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi <m>	zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SEV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SEV} <kN/mq>
0.00	4.07	0.60	3.87	0.00	100	-0.17			0.02	5.58	0.81	5.21	3200.00	888.89	1333.33	65.00	27.08	40.63
					114	-0.17												
					101	-0.17												
					113	-0.17												
4.07	8.58	0.60	4.21	0.03	200	-0.17			0.02	5.58	0.75	5.24	3200.00	888.89	1333.33	65.00	27.08	40.63
					202	-0.17												
8.58	12.35	0.55	3.52		300	-0.15			0.02	5.58	0.87	5.57	3200.00	888.89	1333.33	65.00	27.08	40.63
					302	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-1698.81	-103.05	---	---	---	---	---	-5363.00	319.72
							2.04	-1410.44	-35.22	---	---	---	---	---	-5363.00	292.21
							4.07	-1172.09	-40.89	---	---	---	---	---	-5363.00	261.22
3							0.00	-1522.35	-94.80	---	---	---	---	---	-5363.00	304.19
							2.04	-1283.49	-32.93	---	---	---	---	---	-5363.00	276.63
							4.07	-1091.39	-37.93	---	---	---	---	---	-5363.00	249.03
5							0.00	-1590.76	-75.52	---	---	---	---	---	-5363.00	310.69
							2.04	-1338.61	-36.41	---	---	---	---	---	-5363.00	283.66
							4.07	-1129.39	-21.66	---	---	---	---	---	-5363.00	254.88
7							0.00	-1321.69	-43.67	---	---	---	---	---	-5363.00	281.55
							2.04	-1150.10	-35.15	---	---	---	---	---	-5363.00	257.98
							4.07	-1012.10	-2.22	---	---	---	---	---	-5363.00	236.22

9	-1148.93	0.00	118.59	0.00	-0.02	0.04	0.00	-1586.89	-71.31	0.04	0.06	0.06	0.62	0.67	-2381.08	227.48
							2.04	-1441.06	-46.42	---	---	0.02	0.19	0.87	-3092.72	227.32
							4.07	-1339.54	-0.03	---	---	0.04	0.35	0.78	-2800.96	224.73
10	-1163.30	0.00	118.59	0.00	-0.02	0.03	0.00	-1629.28	-66.40	0.04	0.06	0.06	0.58	0.68	-2429.95	226.74
							2.04	-1468.71	-47.10	---	---	0.02	0.19	0.87	-3092.72	227.67
							4.07	-1354.78	-3.44	---	---	0.03	0.35	0.78	-2804.23	225.25
11	-1154.02	0.00	118.59	0.00	-0.02	0.04	0.00	-1597.49	-68.38	0.04	0.06	0.06	0.60	0.67	-2405.89	227.33
							2.04	-1447.82	-46.64	---	---	0.02	0.19	0.87	-3092.72	227.42
							4.07	-1343.37	-1.68	---	---	0.04	0.35	0.78	-2802.13	224.87
12	-1158.21	0.00	118.59	0.00	-0.02	0.03	0.00	-1618.67	-69.34	0.04	0.06	0.06	0.60	0.67	-2405.78	226.96
							2.04	-1461.94	-46.88	---	---	0.02	0.19	0.87	-3092.72	227.60
							4.07	-1350.94	-1.78	---	---	0.03	0.35	0.78	-2803.08	225.12
1							4.07	-1027.04	30.76	---	---	---	---	---	-5363.00	238.69
							6.33	-756.94	8.62	---	---	---	---	---	-5363.00	189.38
							8.58	-563.75	13.47	---	---	---	---	---	-5363.00	148.21
3							4.07	-971.38	28.33	---	---	---	---	---	-5363.00	229.32
							6.33	-698.02	6.72	---	---	---	---	---	-5363.00	177.34
							8.58	-515.59	11.34	---	---	---	---	---	-5363.00	137.18
5							4.07	-962.30	15.46	---	---	---	---	---	-5363.00	227.75
							6.33	-760.37	7.28	---	---	---	---	---	-5363.00	190.06
							8.58	-593.30	9.14	---	---	---	---	---	-5363.00	154.82
7							4.07	-851.14	-0.09	---	---	---	---	---	-5363.00	207.67
							6.33	-704.39	4.23	---	---	---	---	---	-5363.00	178.66
							8.58	-570.48	3.31	---	---	---	---	---	-5363.00	149.72
9	-534.23	0.02	156.99	0.00	-0.04	0.04	4.07	-1148.93	12.67	-0.01	0.03	0.03	0.31	0.80	-2874.80	214.37
							6.33	-919.71	-1.53	---	---	0.02	0.21	0.86	-3058.88	192.41
							8.58	-749.58	8.14	---	---	0.04	0.40	0.76	-2709.35	169.41
10	-535.84	0.02	156.99	0.00	-0.04	0.04	4.07	-1163.30	10.06	-0.01	0.03	0.03	0.29	0.82	-2919.89	215.40
							6.33	-926.36	-1.44	---	---	0.02	0.21	0.86	-3058.88	193.20
							8.58	-751.94	7.38	---	---	0.04	0.40	0.76	-2711.24	169.77
11	-533.50	0.02	156.99	0.00	-0.04	0.04	4.07	-1154.02	11.39	-0.01	0.03	0.03	0.30	0.81	-2895.82	214.74
							6.33	-920.00	-1.54	---	---	0.02	0.21	0.86	-3058.88	192.45
							8.58	-748.27	7.69	---	---	0.04	0.40	0.76	-2708.50	169.21
12	-536.57	0.02	156.99	0.00	-0.04	0.04	4.07	-1158.21	11.34	-0.01	0.03	0.03	0.30	0.81	-2899.14	215.04
							6.33	-926.07	-1.43	---	---	0.02	0.21	0.86	-3058.88	193.16
							8.58	-753.24	7.84	---	---	0.04	0.40	0.76	-2712.09	169.96
1							8.58	-422.03	14.29	---	---	---	---	---	-4916.08	104.34
							10.46	-297.90	5.75	---	---	---	---	---	-4916.08	76.08
3							8.58	-388.70	12.08	---	---	---	---	---	-4916.08	96.95
							10.46	-266.01	3.43	---	---	---	---	---	-4916.08	68.50
5							8.58	-441.86	9.57	---	---	---	---	---	-4916.08	108.66
							10.46	-325.40	5.75	---	---	---	---	---	-4916.08	82.52
7							8.58	-425.54	3.32	---	---	---	---	---	-4916.08	105.11
							10.46	-317.08	3.42	---	---	---	---	---	-4916.08	80.58
9	0.00	0.00	47.72	0.00	-0.15	0.17	8.58	-534.23	7.61	-0.01	0.10	0.10	1.09	0.51	-1668.31	118.74
							10.46	-396.09	-2.84	---	---	0.09	0.94	0.56	-1832.56	93.44
10	0.00	0.00	47.72	0.00	-0.15	0.17	8.58	-535.84	6.78	-0.01	0.10	0.10	1.07	0.51	-1686.70	119.01
							10.46	-396.54	-2.86	---	---	0.09	0.94	0.56	-1832.56	93.53
11	0.00	0.00	47.72	0.00	-0.15	0.17	8.58	-533.50	7.10	-0.01	0.10	0.10	1.08	0.51	-1679.15	118.62
							10.46	-394.72	-2.97	---	---	0.09	0.94	0.56	-1832.56	93.17
12	0.00	0.00	47.72	0.00	-0.15	0.17	8.58	-536.57	7.29	-0.01	0.10	0.10	1.08	0.51	-1675.90	119.14
							10.46	-397.91	-2.73	---	---	0.09	0.94	0.56	-1832.56	93.80

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-1698.81	331.99	3572.17	178.30	551.63
1	2.04	-1410.44	202.44	3264.86	188.27	507.12
1	4.07	-1172.09	162.78	2918.55	177.61	467.14
3	0.00	-1522.35	134.92	3398.65	25.09	524.84
3	2.04	-1283.49	33.15	3090.81	22.06	486.24
3	4.07	-1091.39	-32.62	2782.37	19.60	452.81
5	0.00	-1590.76	398.47	3471.36	361.96	535.38
5	2.04	-1338.61	317.48	3169.30	375.49	495.42
5	4.07	-1129.39	345.19	2847.70	352.39	459.62
7	0.00	-1321.69	258.40	3145.68	316.00	492.62
7	2.04	-1150.10	246.81	2882.40	325.62	463.28
7	4.07	-1012.10	306.14	2639.24	304.98	438.27
9	0.00	-1586.89	-9.60	2541.61	2.63	429.81
9	2.04	-1441.06	-4.99	2539.83	3.53	410.91
9	4.07	-1339.54	-0.62	2510.89	3.39	397.23
10	0.00	-1629.28	9.60	2533.33	2.63	435.15
10	2.04	-1468.71	4.99	2543.77	3.53	414.56
10	4.07	-1354.78	0.62	2516.68	3.39	399.31
11	0.00	-1597.49	10.01	2539.91	18.52	431.15
11	2.04	-1447.82	8.36	2540.95	17.84	411.81
11	4.07	-1343.37	10.19	2512.40	15.47	397.75
12	0.00	-1618.67	-10.01	2535.77	18.52	433.82

12	2.04	-1461.94	-8.36	2542.96	17.84	413.67
12	4.07	-1350.94	-10.19	2515.27	15.47	398.79
1	4.07	-1027.04	176.27	2666.92	162.16	441.05
1	6.33	-756.94	83.02	2115.88	155.43	387.80
1	8.58	-563.75	46.07	1655.93	109.51	344.70
3	4.07	-971.38	-46.91	2562.14	18.63	430.61
3	6.33	-698.02	67.47	1981.43	19.18	375.18
3	8.58	-515.59	37.24	1532.73	11.77	333.09
5	4.07	-962.30	391.38	2544.61	322.85	428.89
5	6.33	-760.37	48.49	2123.54	311.45	388.52
5	8.58	-593.30	27.21	1729.85	216.79	351.64
7	4.07	-851.14	352.57	2320.25	279.79	407.16
7	6.33	-704.39	3.34	1996.20	270.57	376.56
7	8.58	-570.48	2.21	1672.87	187.46	346.29
9	4.07	-1148.93	-1.04	2395.15	2.88	370.17
9	6.33	-919.71	-5.07	2149.81	2.84	334.75
9	8.58	-749.58	-1.56	1892.78	1.98	305.81
10	4.07	-1163.30	1.04	2406.66	2.88	372.28
10	6.33	-926.36	5.07	2158.56	2.84	335.83
10	8.58	-751.94	1.56	1896.79	1.98	306.24
11	4.07	-1154.02	11.61	2399.27	13.14	370.92
11	6.33	-920.00	-0.59	2150.19	11.33	334.80
11	8.58	-748.27	-0.69	1890.57	7.68	305.58
12	4.07	-1158.21	-11.61	2402.64	13.14	371.54
12	6.33	-926.07	0.59	2158.19	11.33	335.78
12	8.58	-753.24	0.69	1898.99	7.68	306.47
1	8.58	-422.03	62.03	1271.71	91.51	292.66
1	10.46	-297.90	48.59	927.35	76.20	258.96
3	8.58	-388.70	30.60	1181.69	11.52	284.00
3	10.46	-266.01	26.10	834.89	9.76	249.56
5	8.58	-441.86	66.29	1324.46	183.72	297.69
5	10.46	-325.40	48.69	1005.77	153.24	266.79
7	8.58	-425.54	38.50	1281.11	159.72	293.56
7	10.46	-317.08	26.28	982.17	133.31	264.44
9	8.58	-534.23	-0.49	1447.27	1.36	251.63
9	10.46	-396.09	-0.67	1138.88	1.28	222.54
10	8.58	-535.84	0.49	1450.61	1.36	251.95
10	10.46	-396.54	0.67	1139.96	1.28	222.64
11	8.58	-533.50	0.95	1445.78	6.05	251.49
11	10.46	-394.72	-1.56	1135.59	4.84	222.23
12	8.58	-536.57	-0.95	1452.10	6.05	252.09
12	10.46	-397.91	1.56	1143.24	4.84	222.95

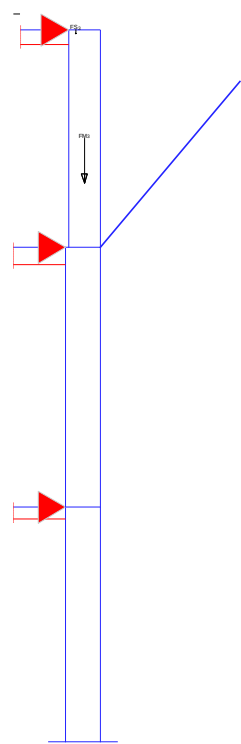
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.91	2.36	1.27
0.00	4.07	8	SLD	0.53	1.37	2.19
4.07	8.58	6	SLD	0.73	1.74	1.72
8.58	12.35	4	SLD	0.30	0.86	3.47

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.82	2.11	1.42
4.07	8.58	2	SLD	0.69	1.64	1.83
4.07	8.58	8	SLD	0.61	1.46	2.06
8.58	12.35	6	SLD	0.55	1.55	1.94

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.71	1.83	1.64
4.07	8.58	4	SLD	0.57	1.37	2.20
8.58	12.35	2	SLD	0.41	1.16	2.59
8.58	12.35	8	SLD	0.49	1.38	2.18

Verifiche cinematici
Ribalt. a z=8.58

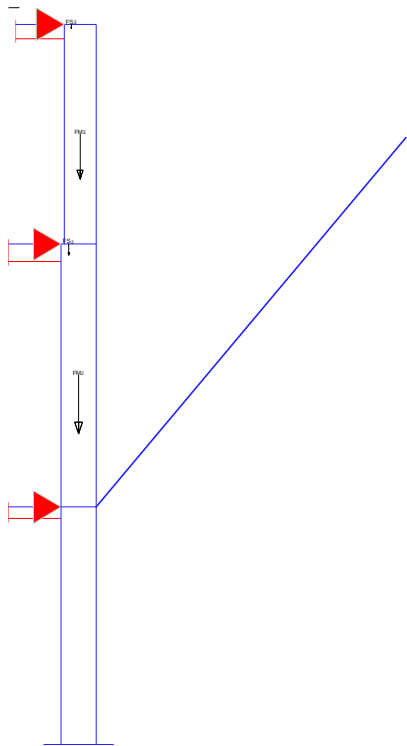


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		291.90	-0.03	10.46	Peso maschio piano 3
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematicismo $M^*=30387.50$ <kg>
Frazione di massa partecipante $e^*=0.94$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=121.87$ <mm>
Domanda di spostamento [C8A.4.11]=121.93 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9995
Domanda di spostamento amplificata [C8A.4.12]=100.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2157

Ribalt. a z=4.07

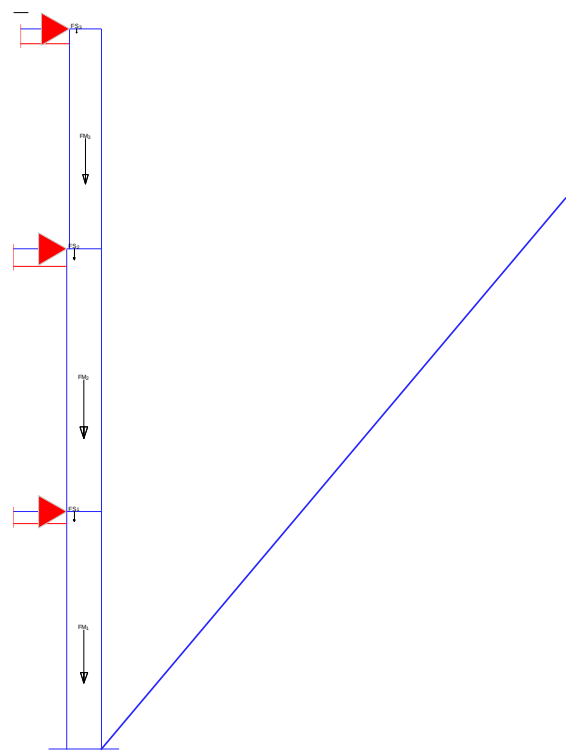


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		380.95	0.00	6.33	Peso maschio piano 2
FM ₃		291.90	-0.03	10.46	Peso maschio piano 3
FS ₂		72.22	0.17	8.58	Peso solaio piano 2
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=63423.20 <kg>
Frazione di massa partecipante e^{*}=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=153.59 <mm>
Domanda di spostamento [C8A.4.11]=175.99 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8728
Domanda di spostamento amplificata [C8A.4.12]=61.25 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5076

Ribalt. a z=0.00

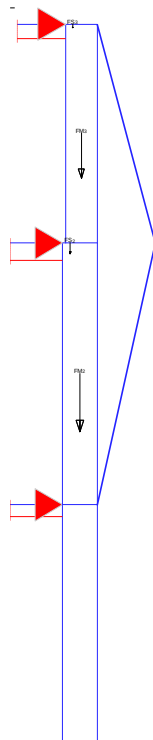


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		343.78	0.00	2.04	Peso maschio piano 1
FM ₂		380.95	0.00	6.33	Peso maschio piano 2
FM ₃		291.90	-0.03	10.46	Peso maschio piano 3
FS ₁		64.43	0.17	4.07	Peso solaio piano 1
FS ₂		72.22	0.17	8.58	Peso solaio piano 2
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=93693.30$ <kg>
Frazione di massa partecipante $e^*=0.78$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=161.98$ <mm>
Domanda di spostamento [C8A.4.11]=191.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8465

Fless. a $z = 8.58$ da $z = 4.07$ a $z = 12.35$



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		380.95	0.00	6.33	Peso maschio piano 2
FM ₃		291.90	-0.03	10.46	Peso maschio piano 3
FS ₂		72.22	0.17	8.58	Peso solaio piano 2
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^* = 70799.70$ <kg>

Frazione di massa partecipante $e^* = 0.90$

Analisi cinematica non lineare

Capacità di spostamento ultimo $d_u^* = 77.02$ <mm>

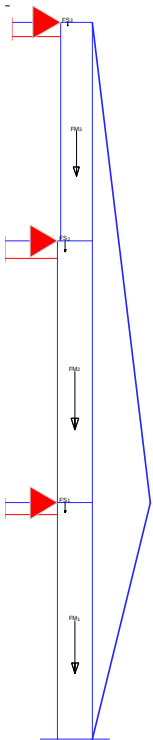
Domanda di spostamento [C8A.4.11] = 71.67 <mm>

Indicatore di rischio in termini di accelerazione α (A_g) = 1.0747

Domanda di spostamento amplificata [C8A.4.12] = 77.43 <mm>

Indicatore di rischio in termini di accelerazione α (A_g) = 0.9948

Fless. a z= 4.07 da z= 0.00 a z=12.35

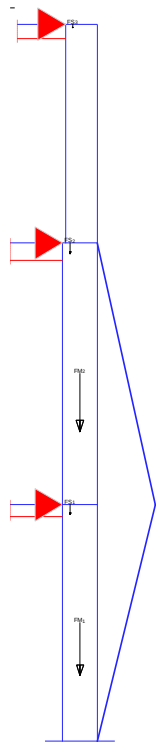


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		343.78	0.00	2.04	Peso maschio piano 1
FM ₂		380.95	0.00	6.33	Peso maschio piano 2
FM ₃		291.90	-0.03	10.46	Peso maschio piano 3
FS ₁		64.43	0.17	4.07	Peso solaio piano 1
FS ₂		72.22	0.17	8.58	Peso solaio piano 2
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=100179.00 <kg>
 Frazione di massa partecipante e*=0.83
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u*=103.12 <mm>
 Domanda di spostamento [C8A.4.11]=74.70 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.3803

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		343.78	0.00	2.04	Peso maschio piano 1
FM ₂		380.95	0.00	6.33	Peso maschio piano 2
FS ₁		64.43	0.17	4.07	Peso solaio piano 1
FS ₂		72.22	0.17	8.58	Peso solaio piano 2
FS ₃		24.59	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=64014.80$ <kg>
 Frazione di massa partecipante $e^*=0.71$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=76.84$ <mm>
 Domanda di spostamento [C8A.4.11]=55.52 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.3840

Maschio in muratura ordinaria n. 33

Xg=0.30 <m> Yg=10.40 <m> L=4.92 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.60	3.87	0.00	101	-0.17			0.02	0.00	1.00	6.45	3200.00	888.89	1333.33	65.00	27.08	40.63
					113	-0.17												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.52		302	-0.15			0.02	0.00	1.00	6.40	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{ax}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-1204.54	-61.12	---	---	---	---	---	-3934.00	231.19
							2.04	-993.73	-23.05	---	---	---	---	---	-3934.00	209.53
							4.07	-816.49	-26.52	---	---	---	---	---	-3934.00	185.14
3							0.00	-998.98	-53.31	---	---	---	---	---	-3934.00	210.16
							2.04	-846.02	-20.61	---	---	---	---	---	-3934.00	189.59
							4.07	-721.37	-23.35	---	---	---	---	---	-3934.00	169.72
5							0.00	-1276.05	-51.59	---	---	---	---	---	-3934.00	236.73
							2.04	-1038.10	-21.12	---	---	---	---	---	-3934.00	214.75
							4.07	-836.57	-16.76	---	---	---	---	---	-3934.00	188.18
7							0.00	-1131.80	-35.61	---	---	---	---	---	-3934.00	224.62
							2.04	-928.43	-17.03	---	---	---	---	---	-3934.00	201.19
							4.07	-758.66	-5.24	---	---	---	---	---	-3934.00	175.96
9	-773.62	0.00	106.28	0.00	-0.02	0.04	0.00	-1228.46	-53.10	0.04	0.06	0.06	0.63	0.64	-1676.52	165.45
							2.04	-1060.74	-22.93	---	---	0.02	0.20	0.84	-2193.02	166.80

							4.07	-932.98	3.15	---	---	0.04	0.40	0.73	-1925.72	162.75
10	-784.40	0.00	106.28	0.00	-0.02	0.04	0.00	-1254.56	-50.75	0.04	0.06	0.06	0.60	0.65	-1700.84	164.56
							2.04	-1079.42	-23.11	---	---	0.02	0.20	0.84	-2194.68	167.03
							4.07	-945.06	1.23	---	---	0.04	0.39	0.74	-1929.03	163.32
11	-781.80	0.00	106.28	0.00	-0.02	0.04	0.00	-1252.48	-52.60	0.04	0.06	0.06	0.62	0.64	-1687.65	164.64
							2.04	-1077.49	-23.17	---	---	0.02	0.20	0.84	-2194.28	167.01
							4.07	-943.22	2.26	---	---	0.04	0.39	0.74	-1928.24	163.24
12	-776.22	0.00	106.28	0.00	-0.02	0.04	0.00	-1230.54	-51.26	0.04	0.06	0.06	0.61	0.64	-1689.98	165.39
							2.04	-1062.67	-22.87	---	---	0.02	0.20	0.84	-2193.42	166.83
							4.07	-934.82	2.11	---	---	0.04	0.40	0.73	-1926.52	162.84
1							4.07	-693.92	-23.54	---	---	---	---	---	-3934.00	164.98
							6.33	-583.16	19.62	---	---	---	---	---	-3934.00	144.44
							8.58	-431.46	18.42	---	---	---	---	---	-3934.00	112.74
3							4.07	-620.48	-20.56	---	---	---	---	---	-3934.00	151.60
							6.33	-515.36	15.88	---	---	---	---	---	-3934.00	130.78
							8.58	-375.64	13.81	---	---	---	---	---	-3934.00	100.03
5							4.07	-698.03	-13.14	---	---	---	---	---	-3934.00	165.70
							6.33	-613.70	12.16	---	---	---	---	---	-3934.00	150.32
							8.58	-466.57	13.27	---	---	---	---	---	-3934.00	120.44
7							4.07	-628.12	-1.24	---	---	---	---	---	-3934.00	153.04
							6.33	-572.07	2.01	---	---	---	---	---	-3934.00	142.26
							8.58	-440.83	4.25	---	---	---	---	---	-3934.00	114.81
9	-385.15	0.02	115.16	0.00	-0.04	0.04	4.07	-773.62	6.84	---	---	0.02	0.21	0.82	-2145.00	151.54
							6.33	-708.99	2.53	---	---	0.02	0.21	0.82	-2145.00	145.05
							8.58	-547.44	10.88	-0.02	0.04	0.04	0.40	0.72	-1889.05	123.90
10	-387.59	0.02	115.16	0.00	-0.04	0.04	4.07	-784.40	5.01	---	---	0.02	0.21	0.82	-2145.00	152.52
							6.33	-714.03	1.37	---	---	0.02	0.21	0.82	-2145.00	145.60
							8.58	-549.94	9.83	-0.02	0.04	0.04	0.38	0.73	-1917.27	124.28
11	-388.60	0.02	115.16	0.00	-0.04	0.04	4.07	-781.80	6.03	---	---	0.02	0.21	0.82	-2145.00	152.29
							6.33	-714.88	2.10	---	---	0.02	0.21	0.82	-2145.00	145.69
							8.58	-551.66	10.52	-0.02	0.04	0.04	0.39	0.73	-1901.85	124.54
12	-384.14	0.02	115.16	0.00	-0.04	0.04	4.07	-776.22	5.82	---	---	0.02	0.21	0.82	-2145.00	151.78
							6.33	-708.15	1.80	---	---	0.02	0.21	0.82	-2145.00	144.96
							8.58	-545.72	10.19	-0.02	0.04	0.04	0.39	0.73	-1904.54	123.64
1							8.58	-329.36	20.30	---	---	---	---	---	-3606.17	80.84
							10.46	-272.71	16.61	---	---	---	---	---	-3606.17	68.32
3							8.58	-285.39	15.55	---	---	---	---	---	-3606.17	71.17
							10.46	-231.15	12.61	---	---	---	---	---	-3606.17	58.77
5							8.58	-354.12	14.02	---	---	---	---	---	-3606.17	86.13
							10.46	-301.83	11.20	---	---	---	---	---	-3606.17	74.83
7							8.58	-331.38	3.88	---	---	---	---	---	-3606.17	81.28
							10.46	-285.24	2.56	---	---	---	---	---	-3606.17	71.14
9	0.00	0.00	35.00	0.00	-0.15	0.17	8.58	-385.15	11.53	-0.03	0.12	0.12	1.26	0.44	-1045.95	85.95
							10.46	-330.02	3.84	---	---	0.09	0.94	0.54	-1304.18	76.10
10	0.00	0.00	35.00	0.00	-0.15	0.17	8.58	-387.59	10.38	-0.03	0.11	0.11	1.23	0.45	-1073.38	86.37
							10.46	-331.43	3.16	---	---	0.09	0.94	0.54	-1304.18	76.36
11	0.00	0.00	35.00	0.00	-0.15	0.17	8.58	-388.60	11.10	-0.03	0.11	0.11	1.25	0.44	-1057.76	86.54
							10.46	-332.95	3.65	---	---	0.09	0.94	0.54	-1304.18	76.64
12	0.00	0.00	35.00	0.00	-0.15	0.17	8.58	-384.14	10.80	-0.03	0.11	0.11	1.24	0.44	-1061.68	85.78
							10.46	-328.51	3.35	---	---	0.09	0.94	0.54	-1304.18	75.82

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{gd} <kN>	Vu <kN>
1	0.00	-1204.54	50.77	1894.81	115.48	398.43
1	2.04	-993.73	59.42	1717.23	127.66	365.35
1	4.07	-816.49	71.61	1517.36	121.99	335.02
3	0.00	-998.98	6.03	1722.45	12.15	366.21
3	2.04	-846.02	22.96	1553.87	1.47	340.26
3	4.07	-721.37	-2.22	1391.04	8.09	317.54
5	0.00	-1276.05	83.08	1940.21	228.22	409.05
5	2.04	-1038.10	73.11	1760.04	229.69	372.56
5	4.07	-836.57	133.45	1542.32	209.35	338.59
7	0.00	-1131.80	66.04	1840.92	197.22	387.34
7	2.04	-928.43	48.40	1648.96	190.95	354.48
7	4.07	-758.66	112.64	1442.14	170.33	324.50
9	0.00	-1228.46	0.77	1356.01	3.19	323.34
9	2.04	-1060.74	2.38	1367.10	4.03	301.91
9	4.07	-932.98	2.51	1333.91	3.92	284.50
10	0.00	-1254.56	-0.77	1348.71	3.19	326.55
10	2.04	-1079.42	-2.38	1368.93	4.03	304.37
10	4.07	-945.06	-2.51	1338.59	3.92	286.19
11	0.00	-1252.48	2.16	1349.34	12.35	326.30
11	2.04	-1077.49	1.59	1368.78	11.50	304.12
11	4.07	-943.22	3.82	1337.90	9.55	285.93
12	0.00	-1230.54	-2.16	1355.49	12.35	323.60
12	2.04	-1062.67	-1.59	1367.32	11.50	302.16
12	4.07	-934.82	-3.82	1334.64	9.55	284.76

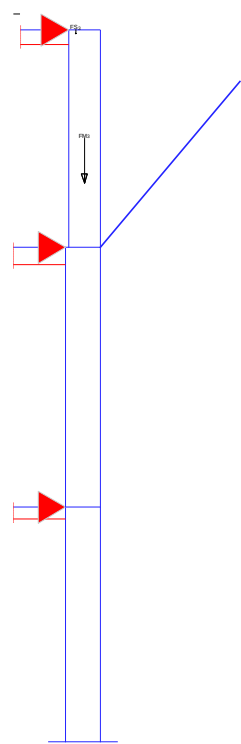
Fascicolo dei calcoli

1	4.07	-693.92	75.14	1352.11	108.36	312.32
1	6.33	-583.16	81.98	1183.79	110.01	290.29
1	8.58	-431.46	51.51	923.98	72.72	257.07
3	4.07	-620.48	-22.16	1242.52	3.47	297.89
3	6.33	-515.36	60.62	1071.85	8.26	275.94
3	8.58	-375.64	26.08	819.85	4.11	243.71
5	4.07	-698.03	170.12	1358.02	191.60	313.11
5	6.33	-613.70	56.99	1232.00	212.38	296.53
5	8.58	-466.57	54.03	987.11	125.87	265.13
7	4.07	-628.12	154.22	1254.29	158.05	299.43
7	6.33	-572.07	14.21	1165.93	181.85	287.99
7	8.58	-440.83	30.75	941.00	102.82	259.24
9	4.07	-773.62	1.47	1242.04	3.32	261.16
9	6.33	-708.99	4.07	1188.82	2.85	251.08
9	8.58	-547.44	2.23	1015.47	2.16	223.90
10	4.07	-784.40	-1.47	1250.02	3.32	262.81
10	6.33	-714.03	-4.07	1193.30	2.85	251.88
10	8.58	-549.94	-2.23	1018.60	2.16	224.35
11	4.07	-781.80	5.14	1248.12	7.92	262.41
11	6.33	-714.88	-1.50	1194.05	8.03	252.01
11	8.58	-551.66	-1.74	1020.73	4.60	224.65
12	4.07	-776.22	-5.14	1243.99	7.92	261.56
12	6.33	-708.15	1.50	1188.06	8.03	250.94
12	8.58	-545.72	1.74	1013.32	4.60	223.59
1	8.58	-329.36	20.50	722.80	57.20	219.68
1	10.46	-272.71	35.68	610.87	55.81	205.03
3	8.58	-285.39	16.80	636.37	3.85	208.40
3	10.46	-231.15	12.20	525.48	8.59	193.57
5	8.58	-354.12	11.76	770.11	109.75	225.79
5	10.46	-301.83	46.31	669.05	114.43	212.69
7	8.58	-331.38	0.57	726.69	93.75	220.19
7	10.46	-285.24	31.95	636.06	100.26	208.36
9	8.58	-385.15	1.24	768.51	1.45	183.24
9	10.46	-330.02	1.24	680.40	1.19	171.87
10	8.58	-387.59	-1.24	772.23	1.45	183.73
10	10.46	-331.43	-1.24	682.74	1.19	172.17
11	8.58	-388.60	-0.43	773.77	3.69	183.93
11	10.46	-332.95	-1.60	685.26	3.80	172.49
12	8.58	-384.14	0.43	766.96	3.69	183.04
12	10.46	-328.51	1.60	677.87	3.80	171.55

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.85	2.20	1.37	0.00	4.07	4	SLD	0.72	1.85	1.62	0.00	4.07	6	SLD	0.72	1.86	1.61
0.00	4.07	8	SLD	0.57	1.46	2.05	4.07	8.58	2	SLD	0.71	1.69	1.77	4.07	8.58	4	SLD	0.55	1.31	2.29
4.07	8.58	6	SLD	0.76	1.80	1.66	4.07	8.58	8	SLD	0.59	1.41	2.13	8.58	12.35	2	SLD	0.32	0.92	3.27
8.58	12.35	4	SLD	0.22	0.62	4.87	8.58	12.35	6	SLD	0.52	1.47	2.04	8.58	12.35	8	SLD	0.46	1.31	2.29

Verifiche cinematici
Ribalt. a z=8.58

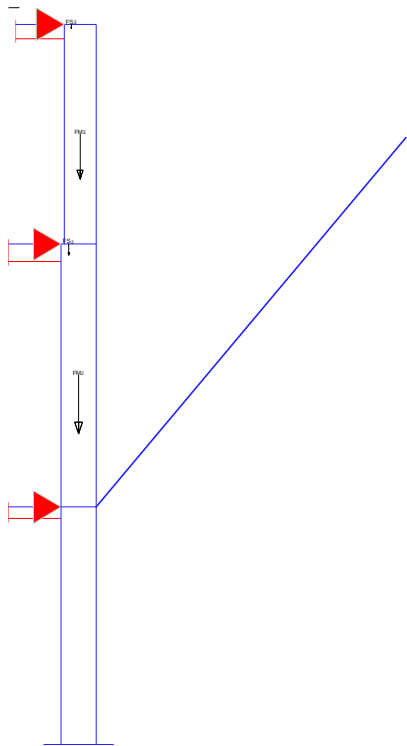


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		214.13	-0.03	10.46	Peso maschio piano 3
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=22290.60 <kg>
Frazione di massa partecipante e*=0.94
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u*=121.87 <mm>
Domanda di spostamento [C8A.4.11]=121.93 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9995
Domanda di spostamento amplificata [C8A.4.12]=100.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2157

Ribalt. a z=4.07

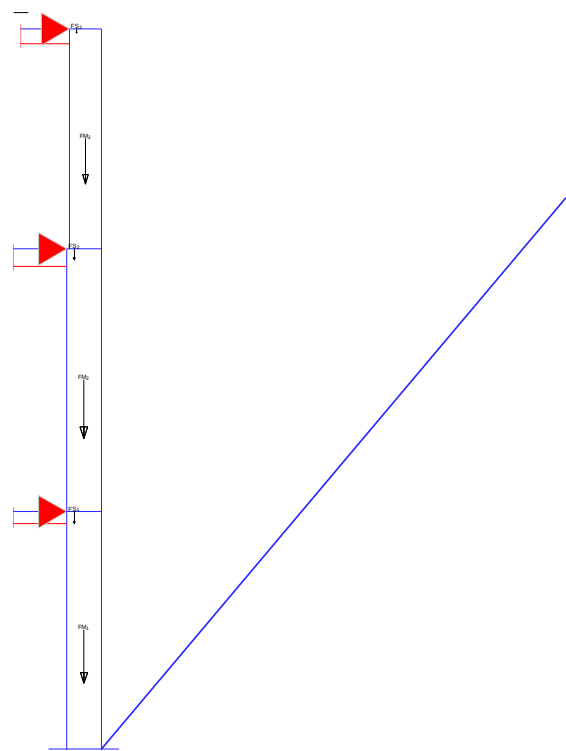


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		279.44	0.00	6.33	Peso maschio piano 2
FM ₃		214.13	-0.03	10.46	Peso maschio piano 3
FS ₂		52.98	0.17	8.58	Peso solaio piano 2
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=46523.70 <kg>
Frazione di massa partecipante e^{*}=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=153.59 <mm>
Domanda di spostamento [C8A.4.11]=175.99 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8728
Domanda di spostamento amplificata [C8A.4.12]=61.25 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5076

Ribalt. a z=0.00

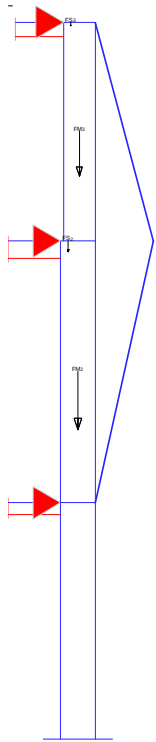


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		252.18	0.00	2.04	Peso maschio piano 1
FM ₂		279.44	0.00	6.33	Peso maschio piano 2
FM ₃		214.13	-0.03	10.46	Peso maschio piano 3
FS ₁		57.74	0.17	4.07	Peso solaio piano 1
FS ₂		52.98	0.17	8.58	Peso solaio piano 2
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=69540.20$ <kg>
Frazione di massa partecipante $e^*=0.78$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=162.96$ <mm>
Domanda di spostamento [C8A.4.11]=191.37 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8516

Fless. a z= 8.58 da z= 4.07 a z=12.35

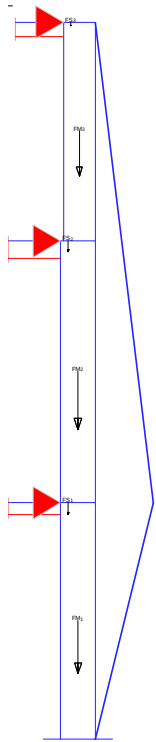


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		279.44	0.00	6.33	Peso maschio piano 2
FM ₃		214.13	-0.03	10.46	Peso maschio piano 3
FS ₂		52.98	0.17	8.58	Peso solaio piano 2
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=51934.70$ <kg>
Frazione di massa partecipante $e^*=0.90$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=77.02$ <mm>
Domanda di spostamento [C8A.4.11]=71.67 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0747
Domanda di spostamento amplificata [C8A.4.12]=77.43 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9948

Fless. a z= 4.07 da z= 0.00 a z=12.35

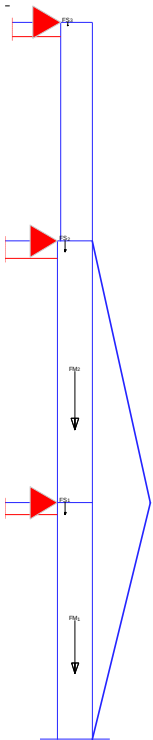


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		252.18	0.00	2.04	Peso maschio piano 1
FM ₂		279.44	0.00	6.33	Peso maschio piano 2
FM ₃		214.13	-0.03	10.46	Peso maschio piano 3
FS ₁		57.74	0.17	4.07	Peso solaio piano 1
FS ₂		52.98	0.17	8.58	Peso solaio piano 2
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=74179.30 <kg>
Frazione di massa partecipante e^{*}=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=104.99 <mm>
Domanda di spostamento [C8A.4.11]=75.75 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3860

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		252.18	0.00	2.04	Peso maschio piano 1
FM ₂		279.44	0.00	6.33	Peso maschio piano 2
FS ₁		57.74	0.17	4.07	Peso solaio piano 1
FS ₂		52.98	0.17	8.58	Peso solaio piano 2
FS ₃		18.04	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=47724.20 <kg>
 Frazione di massa partecipante e^{*}=0.71
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_v^{*}=79.34 <mm>
 Domanda di spostamento [C8A.4.11]=57.08 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.3900

Maschio in muratura ordinaria n. 34

Xg=5.36 <m> Yg=0.50 <m> L=1.00 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi	zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.45	3.87	0.00	102	-0.13	100	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	114	0.13										
4.07	8.58	0.45	4.21	0.03	201	0.00	200	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52		301	0.00	300	0.00	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-197.31	-2.87	---	---	---	---	---	-601.50	27.26
							2.04	-176.69	1.77	---	---	---	---	---	-601.50	26.02
							4.07	-121.93	-2.36	---	---	---	---	---	-601.50	20.89
3							0.00	-184.50	-2.45	---	---	---	---	---	-601.50	26.53
							2.04	-124.87	1.37	---	---	---	---	---	-601.50	21.23
							4.07	-119.43	-2.02	---	---	---	---	---	-601.50	20.59
5							0.00	-189.75	-1.95	---	---	---	---	---	-601.50	26.85
							2.04	-221.99	1.31	---	---	---	---	---	-601.50	28.26
							4.07	-112.81	-1.68	---	---	---	---	---	-601.50	19.78
7							0.00	-170.44	-0.74	---	---	---	---	---	-601.50	25.57
							2.04	-208.99	0.51	---	---	---	---	---	-601.50	27.80
							4.07	-102.50	-0.77	---	---	---	---	---	-601.50	18.44
9	-155.74	0.00	18.11	17.45	-0.00	0.02	0.00	-226.53	-0.99	0.00	0.01	0.02	0.26	0.76	-304.90	17.10
							2.04	-181.98	0.14	---	---	0.02	0.26	0.76	-304.90	19.08

							4.07	-150.01	-0.73	---	---	0.02	0.26	0.76	-303.72	18.90
10	-158.06	0.00	18.11	17.45	-0.00	0.02	0.00	-229.71	-0.70	---	---	0.02	0.26	0.76	-304.90	16.85
							2.04	-183.96	0.25	---	---	0.02	0.26	0.76	-304.90	19.05
							4.07	-151.44	-0.90	0.01	0.02	0.02	0.26	0.76	-304.90	18.93
11	-158.41	0.00	18.11	17.45	-0.00	0.02	0.00	-229.28	-0.81	0.00	0.01	0.02	0.26	0.76	-304.90	16.89
							2.04	-179.42	-0.18	---	---	0.02	0.26	0.76	-304.90	19.12
							4.07	-150.70	-0.79	---	---	0.02	0.26	0.76	-303.74	18.92
12	-155.40	0.00	18.11	17.45	-0.00	0.02	0.00	-226.96	-0.88	0.00	0.01	0.02	0.26	0.76	-304.90	17.06
							2.04	-186.52	0.21	---	---	0.02	0.26	0.76	-304.90	19.00
							4.07	-150.74	-0.83	---	---	0.02	0.26	0.76	-303.72	18.92
1							4.07	-152.05	-1.96	---	---	---	---	---	-601.50	24.04
							6.33	-96.68	2.66	---	---	---	---	---	-601.50	17.64
							8.58	-74.72	-1.38	---	---	---	---	---	-601.50	14.36
3							4.07	-125.70	-1.73	---	---	---	---	---	-601.50	21.33
							6.33	-61.18	2.26	---	---	---	---	---	-601.50	12.12
							8.58	-61.94	-1.12	---	---	---	---	---	-601.50	12.25
5							4.07	-163.53	-1.50	---	---	---	---	---	-601.50	25.03
							6.33	-133.83	1.69	---	---	---	---	---	-601.50	22.23
							8.58	-85.28	-1.00	---	---	---	---	---	-601.50	15.99
7							4.07	-147.03	-0.88	---	---	---	---	---	-601.50	23.57
							6.33	-130.17	0.45	---	---	---	---	---	-601.50	21.83
							8.58	-81.56	-0.41	---	---	---	---	---	-601.50	15.42
9	-73.12	0.01	26.50	23.48	0.00	0.04	4.07	-155.74	-1.12	0.01	0.03	0.03	0.34	0.71	-282.90	19.03
							6.33	-110.93	0.13	---	---	0.02	0.28	0.73	-293.98	16.84
							8.58	-96.69	-0.27	---	---	0.04	0.48	0.63	-254.08	15.58
10	-73.05	0.01	26.50	23.48	0.00	0.04	4.07	-158.06	-1.05	0.01	0.02	0.02	0.33	0.71	-284.39	19.07
							6.33	-110.76	0.32	---	---	0.02	0.28	0.73	-293.98	16.82
							8.58	-96.07	-0.38	---	---	0.04	0.48	0.63	-254.09	15.52
11	-73.48	0.01	26.50	23.48	0.00	0.04	4.07	-158.41	-1.07	0.01	0.02	0.02	0.33	0.71	-284.05	19.08
							6.33	-108.51	0.20	---	---	0.02	0.28	0.73	-293.98	16.64
							8.58	-95.46	-0.32	---	---	0.04	0.48	0.63	-254.00	15.46
12	-72.69	0.01	26.50	23.48	0.00	0.04	4.07	-155.40	-1.11	0.01	0.03	0.03	0.33	0.71	-283.25	19.02
							6.33	-113.18	0.25	---	---	0.02	0.28	0.73	-293.98	17.01
							8.58	-97.30	-0.33	---	---	0.04	0.48	0.63	-254.17	15.64
1							8.58	-61.79	-1.78	---	---	---	---	---	-534.67	10.68
							10.46	-55.01	4.16	---	---	---	---	---	-534.67	9.67
3							8.58	-52.02	-1.40	---	---	---	---	---	-534.67	9.21
							10.46	-38.54	3.58	---	---	---	---	---	-534.67	7.05
5							8.58	-70.35	-1.32	---	---	---	---	---	-534.67	11.89
							10.46	-70.72	2.29	---	---	---	---	---	-534.67	11.94
7							8.58	-67.92	-0.55	---	---	---	---	---	-534.67	11.55
							10.46	-67.71	0.12	---	---	---	---	---	-534.67	11.52
9	0.00	0.00	8.05	7.14	0.00	0.02	8.58	-73.12	-0.42	---	---	0.02	0.26	0.75	-268.45	11.09
							10.46	-67.66	-0.20	---	---	0.02	0.26	0.75	-268.45	10.51
10	0.00	0.00	8.05	7.14	0.00	0.02	8.58	-73.05	-0.37	0.01	0.01	0.02	0.26	0.75	-268.45	11.09
							10.46	-67.29	0.08	---	---	0.02	0.26	0.75	-268.45	10.47
11	0.00	0.00	8.05	7.14	0.00	0.02	8.58	-73.48	-0.39	---	---	0.02	0.26	0.75	-268.45	11.13
							10.46	-66.72	-0.07	---	---	0.02	0.26	0.75	-268.45	10.41
12	0.00	0.00	8.05	7.14	0.00	0.02	8.58	-72.69	-0.39	---	---	0.02	0.26	0.75	-268.45	11.05
							10.46	-68.22	-0.05	---	---	0.02	0.26	0.75	-268.45	10.57

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-197.31	0.00	60.73	16.31	41.91
1	2.04	-176.69	0.00	57.96	27.09	39.86
1	4.07	-121.93	0.00	46.54	7.03	33.80
3	0.00	-184.50	0.00	59.11	4.90	40.65
3	2.04	-124.87	-0.00	47.30	9.42	34.15
3	4.07	-119.43	0.00	45.88	0.90	33.50
5	0.00	-189.75	0.00	59.81	37.07	41.17
5	2.04	-221.99	0.00	62.96	63.50	44.24
5	4.07	-112.81	0.00	44.07	14.13	32.68
7	0.00	-170.44	0.00	56.95	33.65	39.21
7	2.04	-208.99	0.00	61.94	58.20	43.03
7	4.07	-102.50	0.00	41.08	12.29	31.37
9	0.00	-226.53	0.00	38.08	0.15	36.01
9	2.04	-181.98	-0.00	42.52	0.19	32.47
9	4.07	-150.01	0.00	42.10	0.09	29.68
10	0.00	-229.71	0.00	37.55	0.15	36.24
10	2.04	-183.96	0.00	42.44	0.19	32.64
10	4.07	-151.44	0.00	42.18	0.09	29.81
11	0.00	-229.28	0.00	37.62	1.79	36.21
11	2.04	-179.42	0.00	42.59	2.62	32.26
11	4.07	-150.70	0.00	42.14	0.70	29.74
12	0.00	-226.96	0.00	38.01	1.79	36.04
12	2.04	-186.52	0.00	42.33	2.62	32.85
12	4.07	-150.74	0.00	42.14	0.70	29.75

1	4.07	-152.05	0.00	53.55	27.70	37.25
1	6.33	-96.68	0.00	39.30	18.21	30.61
1	8.58	-74.72	0.00	31.98	3.16	27.53
3	4.07	-125.70	0.00	47.52	6.35	34.25
3	6.33	-61.18	0.00	27.00	1.62	25.45
3	8.58	-61.94	0.00	27.29	1.35	25.57
5	4.07	-163.53	0.00	55.75	59.96	38.49
5	6.33	-133.83	0.00	49.52	35.54	35.20
5	8.58	-85.28	0.00	35.62	3.69	29.05
7	4.07	-147.03	-0.00	52.50	53.56	36.70
7	6.33	-130.17	0.00	48.64	30.56	34.78
7	8.58	-81.56	0.00	34.36	2.33	28.52
9	4.07	-155.74	0.00	42.40	0.32	30.20
9	6.33	-110.93	0.00	37.51	0.33	25.86
9	8.58	-96.69	0.00	34.72	0.01	24.32
10	4.07	-158.06	0.00	42.49	0.32	30.41
10	6.33	-110.76	0.00	37.48	0.33	25.84
10	8.58	-96.07	0.00	34.58	0.01	24.25
11	4.07	-158.41	0.00	42.50	2.36	30.44
11	6.33	-108.51	0.00	37.08	1.07	25.60
11	8.58	-95.46	0.00	34.45	0.12	24.18
12	4.07	-155.40	0.00	42.38	2.36	30.17
12	6.33	-113.18	0.00	37.89	1.07	26.09
12	8.58	-97.30	0.00	34.85	0.12	24.39
1	8.58	-61.79	0.00	26.76	25.48	23.78
1	10.46	-55.01	0.00	24.24	19.39	22.72
3	8.58	-52.02	0.00	23.09	10.01	22.24
3	10.46	-38.54	-0.00	17.68	6.16	19.93
5	8.58	-70.35	0.00	29.81	61.47	25.05
5	10.46	-70.72	0.00	29.93	44.55	25.10
7	8.58	-67.92	-0.00	28.96	56.83	24.69
7	10.46	-67.71	0.00	28.88	40.58	24.66
9	8.58	-73.12	0.00	27.81	0.02	20.13
9	10.46	-67.66	-0.00	26.34	0.04	19.47
10	8.58	-73.05	0.00	27.79	0.02	20.12
10	10.46	-67.29	0.00	26.24	0.04	19.42
11	8.58	-73.48	-0.00	27.90	1.74	20.18
11	10.46	-66.72	0.00	26.08	1.20	19.35
12	8.58	-72.69	0.00	27.69	1.74	20.08
12	10.46	-68.22	0.00	26.50	1.20	19.54

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.49	1.27	2.37	0.00	4.07	4	SLD	0.30	0.79	3.81	0.00	4.07	6	SLD	0.73	1.89	1.59
0.00	4.07	8	SLD	0.64	1.66	1.81	4.07	8.58	2	SLD	0.52	1.24	2.43	4.07	8.58	4	SLD	0.33	0.79	3.80
4.07	8.58	6	SLD	0.90	2.15	1.40	4.07	8.58	8	SLD	0.81	1.94	1.55	8.58	12.35	2	SLD	0.39	1.12	2.67
8.58	12.35	4	SLD	0.30	0.84	3.55	8.58	12.35	6	SLD	0.71	2.02	1.49	8.58	12.35	8	SLD	0.66	1.87	1.60

Maschio in muratura ordinaria n. 35

Xg=5.36 <m> Yg=5.91 <m> L=0.65 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87		109	-0.13	101	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					122	-0.13	113	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-192.25	-12.57	---	---	---	---	---	-390.00	18.17
							2.04	-131.97	6.37	---	---	---	---	---	-390.00	17.87
3							0.00	-105.66	-12.01	---	---	---	---	---	-390.00	16.20
							2.04	-118.56	6.14	---	---	---	---	---	-390.00	17.14
5							0.00	-275.84	-5.15	---	---	---	---	---	-390.00	10.42
							2.04	-136.15	3.94	---	---	---	---	---	-390.00	18.05
7							0.00	-260.91	1.78	---	---	---	---	---	-390.00	12.50
							2.04	-126.33	1.62	---	---	---	---	---	-390.00	17.59
9	0.00	0.00	4.24	11.26	0.06	0.08	0.00	-204.59	-2.29	---	0.02	0.26	0.76	0.76	-197.69	3.42
							2.04	-162.98	3.87	-0.02	0.06	0.06	0.83	0.53	-138.74	9.63
10	0.00	0.00	4.24	11.26	0.06	0.08	0.00	-203.10	-1.29	---	0.02	0.26	0.76	0.76	-197.69	3.70
							2.04	-164.65	3.58	-0.02	0.06	0.06	0.80	0.54	-140.98	9.45
11	0.00	0.00	4.24	11.26	0.06	0.08	0.00	-210.17	-1.81	---	0.02	0.26	0.76	0.76	-197.69	2.32
							2.04	-164.60	3.73	-0.02	0.06	0.06	0.81	0.54	-139.94	9.45

12	0.00	0.00	4.24	11.26	0.06	0.08	0.00	-197.53	-1.77	---	---	0.02	0.26	0.76	-197.69	4.72
							2.04	-163.03	3.72	-0.02	0.06	0.06	0.81	0.54	-139.79	9.62

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-192.25	0.00	26.25	18.99	32.83
1	2.04	-131.97	0.00	25.82	18.84	27.56
3	0.00	-105.66	-0.00	23.39	5.50	24.92
3	2.04	-118.56	0.00	24.75	0.70	26.25
5	0.00	-275.84	0.00	15.05	42.83	38.98
5	2.04	-136.15	0.00	26.08	33.17	27.96
7	0.00	-260.91	0.00	18.06	38.79	37.96
7	2.04	-126.33	0.00	25.41	27.31	27.02
9	0.00	-204.59	-0.00	4.94	0.26	27.35
9	2.04	-162.98	0.00	13.91	0.39	24.53
10	0.00	-203.10	0.00	5.34	0.26	27.26
10	2.04	-164.65	-0.00	13.64	0.39	24.65
11	0.00	-210.17	-0.00	3.35	1.91	27.71
11	2.04	-164.60	-0.00	13.65	1.32	24.65
12	0.00	-197.53	0.00	6.82	1.91	26.90
12	2.04	-163.03	0.00	13.90	1.32	24.53

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.83	2.13	1.41
0.00	4.07	8	SLD	0.60	1.54	1.95

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.78	2.01	1.49

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.65	1.68	1.79

Maschio in muratura ordinaria n. 36

Xg=5.36 <m> Yg=5.08 <m> L=1.01 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{sx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{Vk0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	102	-0.13	100	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	114	0.13										
4.07	8.58	0.45	4.21	0.03	201	0.00	200	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.57		301	0.00	300	0.00	0.02	0.00	1.00	8.93	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-235.40	-15.94	---	---	---	---	---	-606.00	28.76
							2.04	-212.37	7.02	---	---	---	---	---	-606.00	28.08
							4.07	-211.02	-9.27	---	---	---	---	---	-606.00	28.03
3							0.00	-207.21	-15.23	---	---	---	---	---	-606.00	27.87
							2.04	-205.68	6.68	---	---	---	---	---	-606.00	27.80
							4.07	-191.80	-8.43	---	---	---	---	---	-606.00	27.09
5							0.00	-260.84	-6.04	---	---	---	---	---	-606.00	28.97
							2.04	-203.14	4.52	---	---	---	---	---	-606.00	27.68
							4.07	-184.22	-5.71	---	---	---	---	---	-606.00	26.63
7							0.00	-254.45	3.15	---	---	---	---	---	-606.00	28.97
							2.04	-188.53	2.03	---	---	---	---	---	-606.00	26.89
							4.07	-142.03	-1.83	---	---	---	---	---	-606.00	23.14
9	-202.67	0.00	18.02	17.58	-0.00	0.02	0.00	-316.40	-1.97	---	---	0.02	0.26	0.76	-307.18	5.60
							2.04	-275.75	4.40	-0.02	0.03	0.03	0.34	0.72	-289.77	12.22
							4.07	-194.76	-2.44	---	---	0.02	0.26	0.76	-306.55	18.97
10	-207.04	0.00	18.02	17.58	-0.00	0.02	0.00	-316.05	-0.60	---	---	0.02	0.26	0.76	-307.18	5.66
							2.04	-278.30	4.08	-0.01	0.02	0.02	0.33	0.73	-293.30	11.87
							4.07	-200.65	-3.01	---	---	0.02	0.26	0.76	-306.56	18.77
11	-206.36	0.00	18.02	17.58	-0.00	0.02	0.00	-318.35	-1.30	---	---	0.02	0.26	0.76	-307.18	5.22
							2.04	-277.37	4.25	-0.02	0.03	0.03	0.33	0.72	-291.49	12.00
							4.07	-198.55	-2.70	---	---	0.02	0.26	0.76	-306.56	18.84
12	-203.35	0.00	18.02	17.58	-0.00	0.02	0.00	-314.09	-1.27	---	---	0.02	0.26	0.76	-307.18	6.03
							2.04	-276.67	4.23	-0.02	0.03	0.03	0.33	0.72	-291.61	12.10
							4.07	-196.87	-2.75	---	---	0.02	0.26	0.76	-306.55	18.90
1							4.07	-207.74	-8.26	---	---	---	---	---	-606.00	27.89
							6.33	-215.16	4.03	---	---	---	---	---	-606.00	28.19
							8.58	-107.41	-1.62	---	---	---	---	---	-606.00	19.13
3							4.07	-177.50	-7.86	---	---	---	---	---	-606.00	26.18
							6.33	-165.33	3.69	---	---	---	---	---	-606.00	25.26
							8.58	-66.54	-1.01	---	---	---	---	---	-606.00	13.04
5							4.07	-203.77	-5.71	---	---	---	---	---	-606.00	27.71

							6.33	-238.97	2.55	---	---	---	---	---	-606.00	28.82
							8.58	-146.13	-1.64	---	---	---	---	---	-606.00	23.55
7							4.07	-170.12	-3.12	---	---	---	---	---	-606.00	25.64
							6.33	-209.54	0.94	---	---	---	---	---	-606.00	27.97
							8.58	-138.46	-1.05	---	---	---	---	---	-606.00	22.78
9	-145.35	0.02	26.70	23.65	0.00	0.04	4.07	-202.67	-5.65	0.03	0.05	0.05	0.64	0.58	-234.10	18.69
							6.33	-211.80	1.64	---	---	0.02	0.28	0.73	-296.18	18.26
							8.58	-116.38	0.66	---	---	0.04	0.53	0.61	-248.00	17.31
10	-144.72	0.02	26.70	23.65	0.00	0.04	4.07	-207.04	-5.37	0.03	0.05	0.05	0.61	0.59	-237.47	18.50
							6.33	-208.44	1.48	---	---	0.02	0.28	0.73	-296.18	18.43
							8.58	-115.47	0.64	---	---	0.04	0.53	0.61	-248.03	17.24
11	-141.71	0.02	26.70	23.65	0.00	0.04	4.07	-206.36	-5.49	0.03	0.05	0.05	0.62	0.59	-236.40	18.53
							6.33	-207.14	1.56	---	---	0.02	0.28	0.73	-296.18	18.49
							8.58	-113.61	0.63	---	---	0.04	0.53	0.61	-248.21	17.11
12	-148.37	0.02	26.70	23.65	0.00	0.04	4.07	-203.35	-5.53	0.03	0.05	0.05	0.63	0.58	-235.21	18.66
							6.33	-213.10	1.56	---	---	0.02	0.28	0.73	-296.18	18.19
							8.58	-118.24	0.66	---	---	0.04	0.53	0.61	-247.83	17.44
1							8.58	-145.72	-4.61	---	---	---	---	---	-538.67	19.87
							10.46	-116.34	-0.95	---	---	---	---	---	-538.67	17.36
3							8.58	-85.25	-4.17	---	---	---	---	---	-538.67	13.88
							10.46	-113.31	-0.72	---	---	---	---	---	-538.67	17.05
5							8.58	-207.42	-3.12	---	---	---	---	---	-538.67	22.69
							10.46	-104.61	-0.73	---	---	---	---	---	-538.67	16.14
7							8.58	-199.84	-1.41	---	---	---	---	---	-538.67	22.52
							10.46	-91.52	-0.30	---	---	---	---	---	-538.67	14.65
9	0.00	0.00	8.11	7.19	0.00	0.02	8.58	-145.35	-1.58	0.01	0.02	0.02	0.30	0.73	-263.50	15.23
							10.46	-142.69	-0.36	---	---	0.02	0.27	0.75	-268.84	15.20
10	0.00	0.00	8.11	7.19	0.00	0.02	8.58	-144.72	-1.44	0.01	0.02	0.02	0.28	0.74	-266.08	15.22
							10.46	-141.15	-0.31	---	---	0.02	0.27	0.75	-268.84	15.18
11	0.00	0.00	8.11	7.19	0.00	0.02	8.58	-141.71	-1.53	0.01	0.02	0.02	0.30	0.73	-263.84	15.18
							10.46	-141.93	-0.32	---	---	0.02	0.27	0.75	-268.84	15.19
12	0.00	0.00	8.11	7.19	0.00	0.02	8.58	-148.37	-1.50	0.01	0.02	0.02	0.29	0.74	-265.69	15.25
							10.46	-141.92	-0.35	---	---	0.02	0.27	0.75	-268.84	15.19

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-235.40	0.00	64.55	43.02	45.64
1	2.04	-212.37	0.00	63.03	47.37	43.52
1	4.07	-211.02	0.00	62.91	23.03	43.40
3	0.00	-207.21	-0.00	62.55	16.99	43.03
3	2.04	-205.68	0.00	62.39	15.32	42.89
3	4.07	-191.80	0.00	60.79	3.68	41.54
5	0.00	-260.84	0.00	65.02	103.93	47.88
5	2.04	-203.14	0.00	62.13	109.28	42.64
5	4.07	-184.22	0.00	59.76	36.25	40.78
7	0.00	-254.45	0.00	65.02	96.12	47.32
7	2.04	-188.53	0.00	60.36	99.67	41.21
7	4.07	-142.03	0.00	51.95	28.24	36.29
9	0.00	-316.40	-0.00	12.56	0.13	42.41
9	2.04	-275.75	0.00	27.43	0.27	39.70
9	4.07	-194.76	0.00	42.57	0.65	33.66
10	0.00	-316.05	0.00	12.71	0.13	42.38
10	2.04	-278.30	-0.00	26.64	0.27	39.87
10	4.07	-200.65	-0.00	42.12	0.65	34.13
11	0.00	-318.35	-0.00	11.73	4.65	42.53
11	2.04	-277.37	-0.00	26.93	4.68	39.81
11	4.07	-198.55	-0.00	42.29	1.43	33.96
12	0.00	-314.09	0.00	13.54	4.65	42.26
12	2.04	-276.67	0.00	27.15	4.68	39.76
12	4.07	-196.87	0.00	42.42	1.43	33.83
1	4.07	-207.74	0.00	62.60	43.49	43.08
1	6.33	-215.16	0.00	63.27	34.59	43.79
1	8.58	-107.41	0.00	42.93	11.10	32.14
3	4.07	-177.50	0.00	58.75	6.05	40.10
3	6.33	-165.33	0.00	56.69	2.38	38.84
3	8.58	-66.54	-0.00	29.26	10.02	26.41
5	4.07	-203.77	0.00	62.20	69.84	42.70
5	6.33	-238.97	0.00	64.69	66.46	45.96
5	8.58	-146.13	0.00	52.86	4.98	36.75
7	4.07	-170.12	0.00	57.54	54.98	39.34
7	6.33	-209.54	0.00	62.77	56.80	43.26
7	8.58	-138.46	0.00	51.13	1.36	35.89
9	4.07	-202.67	0.00	41.94	0.97	34.29
9	6.33	-211.80	-0.00	40.99	0.63	35.02
9	8.58	-116.38	-0.00	38.85	0.26	26.53
10	4.07	-207.04	-0.00	41.52	0.97	34.64
10	6.33	-208.44	0.00	41.37	0.63	34.75

10	8.58	-115.47	0.00	38.71	0.26	26.44
11	4.07	-206.36	-0.00	41.59	2.29	34.59
11	6.33	-207.14	0.00	41.51	2.24	34.65
11	8.58	-113.61	0.00	38.39	0.00	26.25
12	4.07	-203.35	0.00	41.88	2.29	34.35
12	6.33	-213.10	-0.00	40.83	2.24	35.12
12	8.58	-118.24	-0.00	39.15	0.00	26.72
1	8.58	-145.72	0.00	50.17	13.54	34.39
1	10.46	-116.34	0.00	43.82	24.85	31.12
3	8.58	-85.25	-0.00	35.04	5.37	27.23
3	10.46	-113.31	0.00	43.06	9.61	30.76
5	8.58	-207.42	0.00	57.30	32.74	40.41
5	10.46	-104.61	0.00	40.76	59.72	29.71
7	8.58	-199.84	0.00	56.87	30.29	39.72
7	10.46	-91.52	-0.00	36.98	55.15	28.06
9	8.58	-145.35	-0.00	38.45	0.00	27.57
9	10.46	-142.69	-0.00	38.37	0.07	27.33
10	8.58	-144.72	0.00	38.43	0.00	27.51
10	10.46	-141.15	0.00	38.32	0.07	27.20
11	8.58	-141.71	0.00	38.34	0.84	27.25
11	10.46	-141.93	-0.00	38.35	1.87	27.27
12	8.58	-148.37	-0.00	38.51	0.84	27.83
12	10.46	-141.92	0.00	38.35	1.87	27.26

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.89	2.31	1.30	0.00	4.07	4	SLD	0.84	2.17	1.38	0.00	4.07	6	SLD	0.70	1.82	1.65
0.00	4.07	8	SLD	0.64	1.66	1.81	4.07	8.58	2	SLD	0.71	1.69	1.77	4.07	8.58	4	SLD	0.62	1.46	2.05
4.07	8.58	6	SLD	0.86	2.04	1.47	4.07	8.58	8	SLD	0.80	1.90	1.58	8.58	12.35	2	SLD	0.44	1.23	2.43
8.58	12.35	4	SLD	0.38	1.06	2.82	8.58	12.35	6	SLD	0.66	1.85	1.62	8.58	12.35	8	SLD	0.62	1.74	1.72

Maschio in muratura ordinaria n. 37

Xg=5.36 <m> Yg=3.33 <m> L=2.49 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d _i <m>	S _{sx}	d _s <m>	S _{dx}	d _s <m>	e _s <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLV} <kN/mq>	F _{d SLV} <kN/mq>	F _{VM0} <kN/mq>	F _{d SLV} <kN/mq>	F _{d SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	102	-0.13	100	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					115	-0.13	114	0.13										
4.07	8.58	0.45	4.21		201	0.00	200	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-621.17	20.68	---	---	---	---	---	-1494.00	71.40
							2.04	-536.22	4.02	---	---	---	---	---	-1494.00	69.70
							4.07	-402.66	-11.06	---	---	---	---	---	-1494.00	61.87
3							0.00	-447.49	19.67	---	---	---	---	---	-1494.00	65.21
							2.04	-463.42	3.53	---	---	---	---	---	-1494.00	66.22
							4.07	-339.52	-10.05	---	---	---	---	---	-1494.00	55.97
5							0.00	-779.14	7.91	---	---	---	---	---	-1494.00	67.75
							2.04	-581.92	3.40	---	---	---	---	---	-1494.00	70.93
							4.07	-450.13	-5.54	---	---	---	---	---	-1494.00	65.38
7							0.00	-740.87	-4.03	---	---	---	---	---	-1494.00	69.44
							2.04	-548.30	2.38	---	---	---	---	---	-1494.00	70.10
							4.07	-427.68	0.21	---	---	---	---	---	-1494.00	63.82
9	-398.32	0.00	44.96	44.15	-0.00	0.02	0.00	-662.79	-1.61	---	---	0.02	0.26	0.76	-757.31	32.38
							2.04	-649.94	3.27	-0.01	0.01	0.02	0.26	0.76	-757.31	33.97
							4.07	-501.76	-0.35	---	---	0.02	0.26	0.76	-755.92	45.99
10	-400.76	0.00	44.96	44.15	-0.00	0.02	0.00	-668.53	0.42	---	---	0.02	0.26	0.76	-757.31	31.64
							2.04	-655.26	3.11	-0.00	0.01	0.02	0.26	0.76	-757.31	33.32
							4.07	-505.08	-1.33	---	---	0.02	0.26	0.76	-755.93	45.84
11	-393.89	0.00	44.96	44.15	-0.00	0.02	0.00	-653.24	-0.60	---	---	0.02	0.26	0.76	-757.31	33.57
							2.04	-647.94	3.20	-0.00	0.01	0.02	0.26	0.76	-757.31	34.21
							4.07	-499.75	-0.81	---	---	0.02	0.26	0.76	-755.91	46.07
12	-405.19	0.00	44.96	44.15	-0.00	0.02	0.00	-678.09	-0.60	---	---	0.02	0.26	0.76	-757.31	30.37
							2.04	-657.26	3.17	-0.00	0.01	0.02	0.26	0.76	-757.31	33.07
							4.07	-507.10	-0.86	---	---	0.02	0.26	0.76	-755.94	45.76
1							4.07	-349.88	-10.60	---	---	---	---	---	-1494.00	57.03
							6.33	-251.96	4.61	---	---	---	---	---	-1494.00	45.44
3							4.07	-254.80	-8.58	---	---	---	---	---	-1494.00	45.83
							6.33	-232.71	3.86	---	---	---	---	---	-1494.00	42.76
5							4.07	-439.90	-7.74	---	---	---	---	---	-1494.00	64.69
							6.33	-259.64	2.88	---	---	---	---	---	-1494.00	46.47

7							4.07	-421.98	-3.25	---	---	---	---	---	-1494.00	63.40
							6.33	-246.97	0.64	---	---	---	---	---	-1494.00	44.76
9	0.00	0.00	65.81	58.31	0.00	0.02	4.07	-398.32	-2.67	0.01	0.02	0.02	0.28	0.73	-730.19	47.46
							6.33	-349.76	0.74	---	---	0.02	0.28	0.73	-730.19	46.18
10	0.00	0.00	65.81	58.31	0.00	0.02	4.07	-400.76	-3.43	0.01	0.02	0.02	0.28	0.73	-730.19	47.49
							6.33	-351.62	0.49	---	---	0.02	0.28	0.73	-730.19	46.26
11	0.00	0.00	65.81	58.31	0.00	0.02	4.07	-393.89	-3.02	0.01	0.02	0.02	0.28	0.73	-730.19	47.39
							6.33	-351.78	0.61	---	---	0.02	0.28	0.73	-730.19	46.26
12	0.00	0.00	65.81	58.31	0.00	0.02	4.07	-405.19	-3.07	0.01	0.02	0.02	0.28	0.73	-730.19	47.53
							6.33	-349.59	0.62	---	---	0.02	0.28	0.73	-730.19	46.18

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-621.17	0.00	395.07	80.69	116.14
1	2.04	-536.22	0.00	385.70	85.97	108.49
1	4.07	-402.66	0.00	342.36	38.80	95.22
3	0.00	-447.49	-0.00	360.81	32.84	99.87
3	2.04	-463.42	0.00	366.41	34.40	101.47
3	4.07	-339.52	0.00	309.69	13.80	88.26
5	0.00	-779.14	0.00	374.87	196.40	129.17
5	2.04	-581.92	0.00	392.50	208.37	112.67
5	4.07	-450.13	0.00	361.77	91.43	100.14
7	0.00	-740.87	0.00	384.26	182.04	126.13
7	2.04	-548.30	0.00	387.90	192.89	109.61
7	4.07	-427.68	-0.00	353.14	83.93	97.84
9	0.00	-662.79	-0.00	179.15	0.47	96.69
9	2.04	-649.94	-0.00	187.97	0.48	95.79
9	4.07	-501.76	-0.00	254.45	0.33	84.72
10	0.00	-668.53	0.00	175.06	0.47	97.09
10	2.04	-655.26	0.00	184.38	0.48	96.16
10	4.07	-505.08	0.00	253.67	0.33	84.98
11	0.00	-653.24	0.00	185.75	8.96	96.02
11	2.04	-647.94	-0.00	189.29	9.28	95.65
11	4.07	-499.75	0.00	254.91	3.73	84.56
12	0.00	-678.09	0.00	168.04	8.96	97.75
12	2.04	-657.26	0.00	183.01	9.28	96.30
12	4.07	-507.10	0.00	253.18	3.73	85.14
1	4.07	-349.88	0.00	315.58	83.77	89.44
1	6.33	-251.96	0.00	251.45	75.86	77.58
3	4.07	-254.80	-0.00	253.58	31.82	77.95
3	6.33	-232.71	0.00	236.63	32.72	75.03
5	4.07	-439.90	0.00	357.96	200.44	99.10
5	6.33	-259.64	0.00	257.16	187.43	78.57
7	4.07	-421.98	0.00	350.79	184.86	97.25
7	6.33	-246.97	0.00	247.68	174.49	76.92
9	4.07	-398.32	-0.00	262.59	0.35	76.04
9	6.33	-349.76	-0.00	255.55	0.05	71.60
10	4.07	-400.76	0.00	262.76	0.35	76.25
10	6.33	-351.62	0.00	255.95	0.05	71.78
11	4.07	-393.89	0.00	262.23	6.88	75.64
11	6.33	-351.78	0.00	255.98	6.17	71.79
12	4.07	-405.19	0.00	263.02	6.88	76.64
12	6.33	-349.59	-0.00	255.51	6.17	71.58

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.81	2.10	1.43	0.00	4.07	4	SLD	0.71	1.84	1.63	0.00	4.07	6	SLD	0.73	1.89	1.59
0.00	4.07	8	SLD	0.60	1.56	1.92	4.07	8.58	2	SLD	0.60	1.43	2.10	4.07	8.58	4	SLD	0.50	1.18	2.54
4.07	8.58	6	SLD	0.84	2.00	1.50	4.07	8.58	8	SLD	0.77	1.83	1.64							

Maschio in muratura ordinaria n. 38

Xg=5.36 <m> Yg=11.53 <m> L=2.65 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.03	112	-0.13	101	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							113	0.13										
4.07	8.58	0.40	4.21	0.00	207	0.00	202	0.00	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52		303	0.00	302	0.00	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{bx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-442.43	-6.21	---	---	---	---	---	-1593.00	67.02
							2.04	-440.95	3.08	---	---	---	---	---	-1593.00	66.90
							4.07	-372.08	-3.11	---	---	---	---	---	-1593.00	60.71
3							0.00	-307.92	-4.94	---	---	---	---	---	-1593.00	53.53
							2.04	-336.95	2.64	---	---	---	---	---	-1593.00	56.95
							4.07	-307.82	-2.50	---	---	---	---	---	-1593.00	53.51
5							0.00	-573.75	-4.33	---	---	---	---	---	-1593.00	74.39
							2.04	-533.41	1.79	---	---	---	---	---	-1593.00	72.74
							4.07	-417.32	-2.42	---	---	---	---	---	-1593.00	64.96
7							0.00	-551.79	-1.46	---	---	---	---	---	-1593.00	73.56
							2.04	-508.66	0.24	---	---	---	---	---	-1593.00	71.46
							4.07	-391.85	-1.21	---	---	---	---	---	-1593.00	62.65
9	-345.05	0.02	20.78	54.02	0.01	0.05	0.00	-515.30	-1.76	0.00	0.03	0.03	0.38	0.70	-743.00	49.76
							2.04	-523.85	0.07	---	---	0.02	0.33	0.72	-767.50	49.47
							4.07	-448.75	-1.32	---	---	0.05	0.66	0.59	-621.49	50.78
10	-349.08	0.02	20.78	54.02	0.01	0.05	0.00	-518.77	-1.04	---	---	0.02	0.26	0.76	-807.50	49.64
							2.04	-528.40	0.31	---	---	0.02	0.33	0.72	-767.69	49.30
							4.07	-453.43	-1.36	0.00	0.03	0.03	0.37	0.70	-746.21	50.78
11	-350.98	0.02	20.78	54.02	0.01	0.05	0.00	-526.22	-1.39	0.00	0.03	0.03	0.37	0.71	-748.89	49.38
							2.04	-532.68	0.18	---	---	0.02	0.33	0.72	-767.78	49.13
							4.07	-454.45	-1.38	---	---	0.05	0.66	0.59	-621.84	50.77
12	-343.15	0.02	20.78	54.02	0.01	0.05	0.00	-507.85	-1.41	0.00	0.03	0.03	0.37	0.70	-747.51	49.98
							2.04	-519.56	0.19	---	---	0.02	0.33	0.72	-767.41	49.62
							4.07	-447.73	-1.30	---	---	0.05	0.67	0.59	-621.38	50.77
1							4.07	-308.37	-5.50	---	---	---	---	---	-1416.00	45.87
							6.33	-204.75	2.83	---	---	---	---	---	-1416.00	33.98
							8.58	-199.11	2.47	---	---	---	---	---	-1416.00	33.23
3							4.07	-235.94	-4.83	---	---	---	---	---	-1416.00	37.94
							6.33	-191.17	2.02	---	---	---	---	---	-1416.00	32.16
							8.58	-174.16	1.44	---	---	---	---	---	-1416.00	29.79
5							4.07	-366.22	-3.52	---	---	---	---	---	-1416.00	50.96
							6.33	-210.62	2.63	---	---	---	---	---	-1416.00	34.75
							8.58	-222.06	2.40	---	---	---	---	---	-1416.00	36.22
7							4.07	-343.38	-1.15	---	---	---	---	---	-1416.00	49.08
							6.33	-202.06	1.63	---	---	---	---	---	-1416.00	33.63
							8.58	-216.77	1.30	---	---	---	---	---	-1416.00	35.55
9	-178.77	0.00	19.23	62.18	0.00	0.02	4.07	-345.05	-2.07	0.01	0.02	0.02	0.32	0.69	-648.46	39.33
							6.33	-276.36	0.86	---	---	0.02	0.32	0.69	-648.46	36.24
							8.58	-278.80	0.06	---	---	0.02	0.32	0.69	-648.46	36.39
10	-178.99	0.00	19.23	62.18	0.00	0.02	4.07	-349.08	-1.87	0.01	0.02	0.02	0.32	0.69	-648.46	39.44
							6.33	-277.65	0.86	---	---	0.02	0.32	0.69	-648.46	36.32
							8.58	-279.16	-0.10	---	---	0.02	0.32	0.69	-648.46	36.41
11	-180.45	0.00	19.23	62.18	0.00	0.02	4.07	-350.98	-1.99	0.01	0.02	0.02	0.32	0.69	-648.46	39.49
							6.33	-277.49	0.89	---	---	0.02	0.32	0.69	-648.46	36.31
							8.58	-280.26	-0.02	---	---	0.02	0.32	0.69	-648.46	36.47
12	-177.30	0.00	19.23	62.18	0.00	0.02	4.07	-343.15	-1.95	0.01	0.02	0.02	0.32	0.69	-648.46	39.28
							6.33	-276.53	0.82	---	---	0.02	0.32	0.69	-648.46	36.25
							8.58	-277.71	-0.02	---	---	0.02	0.32	0.69	-648.46	36.32
1							8.58	-144.69	-3.04	---	---	---	---	---	-1416.00	25.46
							10.46	-92.15	6.23	---	---	---	---	---	-1416.00	17.02
3							8.58	-115.43	-2.00	---	---	---	---	---	-1416.00	20.87
							10.46	-84.44	5.03	---	---	---	---	---	-1416.00	15.70
5							8.58	-173.93	-2.97	---	---	---	---	---	-1416.00	29.76
							10.46	-98.72	3.98	---	---	---	---	---	-1416.00	18.13
7							8.58	-169.74	-1.86	---	---	---	---	---	-1416.00	29.16
							10.46	-96.66	0.86	---	---	---	---	---	-1416.00	17.78
9	0.00	0.00	8.18	18.90	0.00	0.02	8.58	-178.77	-1.13	0.01	0.02	0.02	0.26	0.75	-710.96	27.79
							10.46	-130.49	-0.06	---	---	0.02	0.26	0.75	-710.96	21.85
10	0.00	0.00	8.18	18.90	0.00	0.02	8.58	-178.99	-1.11	0.01	0.01	0.02	0.26	0.75	-710.96	27.81
							10.46	-130.53	0.29	---	---	0.02	0.26	0.75	-710.96	21.86
11	0.00	0.00	8.18	18.90	0.00	0.02	8.58	-180.45	-1.09	0.01	0.01	0.02	0.26	0.75	-710.96	27.97
							10.46	-130.95	0.18	---	---	0.02	0.26	0.75	-710.96	21.92
12	0.00	0.00	8.18	18.90	0.00	0.02	8.58	-177.30	-1.14	0.01	0.02	0.02	0.26	0.75	-710.96	27.63
							10.46	-130.07	0.05	---	---	0.02	0.26	0.75	-710.96	21.80

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-442.43	0.00	395.42	56.26	105.91
1	2.04	-440.95	0.00	394.74	64.02	105.75
1	4.07	-372.08	0.00	358.20	74.35	98.02
3	0.00	-307.92	-0.00	315.81	4.00	90.24
3	2.04	-336.95	-0.00	335.99	17.85	93.84
3	4.07	-307.82	0.00	315.74	23.63	90.23
5	0.00	-573.75	0.00	438.92	108.28	119.23
5	2.04	-533.41	0.00	429.15	143.38	115.30

5	4.07	-417.32	0.00	383.25	170.92	103.16
7	0.00	-551.79	0.00	434.00	92.60	117.11
7	2.04	-508.66	0.00	421.58	129.52	112.82
7	4.07	-391.85	0.00	369.64	155.71	100.30
9	0.00	-515.30	-0.00	293.57	0.94	91.33
9	2.04	-523.85	-0.00	291.86	0.29	92.04
9	4.07	-448.75	-0.00	299.57	0.15	85.60
10	0.00	-518.77	0.00	292.90	0.94	91.62
10	2.04	-528.40	0.00	290.85	0.29	92.41
10	4.07	-453.43	0.00	299.58	0.15	86.01
11	0.00	-526.22	0.00	291.34	5.19	92.23
11	2.04	-532.68	0.00	289.86	6.51	92.76
11	4.07	-454.45	0.00	299.57	6.88	86.10
12	0.00	-507.85	-0.00	294.89	5.19	90.70
12	2.04	-519.56	-0.00	292.74	6.51	91.68
12	4.07	-447.73	-0.00	299.56	6.88	85.51
1	4.07	-308.37	0.00	304.48	64.23	82.10
1	6.33	-204.75	0.00	225.57	55.47	68.95
1	8.58	-199.11	0.00	220.59	60.97	68.16
3	4.07	-235.94	0.00	251.81	12.20	73.15
3	6.33	-191.17	0.00	213.47	9.36	67.03
3	8.58	-174.16	-0.00	197.75	13.47	64.55
5	4.07	-366.22	0.00	338.23	135.19	88.60
5	6.33	-210.62	0.00	230.67	114.97	69.76
5	8.58	-222.06	0.00	240.39	131.19	71.31
7	4.07	-343.38	0.00	325.79	119.58	86.09
7	6.33	-202.06	0.00	223.20	101.13	68.57
7	8.58	-216.77	0.00	235.94	116.94	70.60
9	4.07	-345.05	-0.00	261.08	0.59	69.13
9	6.33	-276.36	-0.00	240.51	0.52	62.45
9	8.58	-278.80	-0.00	241.51	0.51	62.70
10	4.07	-349.08	0.00	261.80	0.59	69.50
10	6.33	-277.65	0.00	241.04	0.52	62.59
10	8.58	-279.16	0.00	241.66	0.51	62.74
11	4.07	-350.98	0.00	262.12	4.86	69.67
11	6.33	-277.49	0.00	240.97	3.62	62.57
11	8.58	-280.26	0.00	242.10	4.05	62.85
12	4.07	-343.15	-0.00	260.72	4.86	68.95
12	6.33	-276.53	-0.00	240.58	3.62	62.47
12	8.58	-277.71	-0.00	241.06	4.05	62.59
1	8.58	-144.69	0.00	168.98	34.40	67.90
1	10.46	-92.15	0.00	112.96	34.43	57.63
3	8.58	-115.43	-0.00	138.54	4.61	62.39
3	10.46	-84.44	-0.00	104.23	2.99	55.96
5	8.58	-173.93	0.00	197.53	55.51	72.99
5	10.46	-98.72	0.00	120.31	67.08	59.01
7	8.58	-169.74	0.00	193.55	43.80	72.29
7	10.46	-96.66	0.00	118.01	57.64	58.58
9	8.58	-178.77	-0.00	184.44	0.50	58.27
9	10.46	-130.49	-0.00	145.06	0.38	51.05
10	8.58	-178.99	0.00	184.60	0.50	58.30
10	10.46	-130.53	0.00	145.09	0.38	51.05
11	8.58	-180.45	0.00	185.68	1.21	58.51
11	10.46	-130.95	0.00	145.47	1.57	51.12
12	8.58	-177.30	-0.00	183.36	1.21	58.07
12	10.46	-130.07	-0.00	144.68	1.57	50.98

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.47	1.22	2.47	0.00	4.07	4	SLD	0.39	1.01	2.98	0.00	4.07	6	SLD	0.77	1.99	1.50
0.00	4.07	8	SLD	0.70	1.81	1.66	4.07	8.58	2	SLD	0.68	1.62	1.86	4.07	8.58	4	SLD	0.47	1.12	2.69
4.07	8.58	6	SLD	0.92	2.19	1.37	4.07	8.58	8	SLD	0.79	1.88	1.59	8.58	12.35	2	SLD	0.36	1.01	2.96
8.58	12.35	4	SLD	0.21	0.61	4.93	8.58	12.35	6	SLD	0.63	1.79	1.68	8.58	12.35	8	SLD	0.57	1.62	1.86

Maschio in muratura ordinaria n. 39

Xg=5.43 <m> Yg=8.73 <m> L=2.94 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _d SLU <kN/mq>	F _d SLV <kN/mq>	F _{VR0}	F _{vd} SLU <kN/mq>	F _{vd} SLV <kN/mq>
0.00	4.07	0.60	3.87	0.10	112	-0.17	101	0.17	0.02	0.00	1.00	6.45	3200.00	888.89	1333.33	65.00	27.08	40.63
							113	0.17										
4.07	8.58	0.40	4.21	0.00	207	0.00	202	0.00	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52		303	0.00	302	0.00	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{bx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-631.26	-18.20	---	---	---	---	---	-2352.00	129.58
							2.04	-534.60	-7.02	---	---	---	---	---	-2352.00	117.49
							4.07	-411.58	-14.48	---	---	---	---	---	-2352.00	98.05
3							0.00	-576.02	-15.39	---	---	---	---	---	-2352.00	123.02
							2.04	-500.80	-5.94	---	---	---	---	---	-2352.00	112.60
							4.07	-402.11	-11.47	---	---	---	---	---	-2352.00	96.37
5							0.00	-611.45	-12.73	---	---	---	---	---	-2352.00	127.33
							2.04	-528.91	-6.09	---	---	---	---	---	-2352.00	116.69
							4.07	-409.29	-10.25	---	---	---	---	---	-2352.00	97.65
7							0.00	-539.24	-5.22	---	---	---	---	---	-2352.00	118.14
							2.04	-490.24	-4.20	---	---	---	---	---	-2352.00	111.01
							4.07	-397.87	-3.60	---	---	---	---	---	-2352.00	95.61
9	-617.37	0.09	23.01	67.57	0.01	0.12	0.00	-679.23	-8.03	0.01	0.07	0.07	0.70	0.62	-965.48	99.92
							2.04	-658.31	-5.24	---	---	0.06	0.59	0.65	-1024.83	99.95
							4.07	-595.44	-3.19	---	---	0.12	1.17	0.46	-727.86	98.83
10	-614.67	0.09	23.01	67.57	0.01	0.12	0.00	-692.20	-6.39	0.01	0.07	0.07	0.68	0.62	-978.51	99.81
							2.04	-664.63	-5.13	---	---	0.06	0.59	0.65	-1024.85	99.96
							4.07	-593.80	-2.65	---	---	0.12	1.17	0.46	-727.90	98.77
11	-614.27	0.09	23.01	67.57	0.01	0.12	0.00	-681.62	-7.44	0.01	0.07	0.07	0.69	0.62	-970.06	99.91
							2.04	-659.39	-5.28	---	---	0.06	0.59	0.65	-1024.86	99.95
							4.07	-595.83	-3.10	---	---	0.12	1.17	0.46	-727.91	98.84
12	-617.78	0.09	23.01	67.57	0.01	0.12	0.00	-689.80	-6.98	0.01	0.07	0.07	0.69	0.62	-974.03	99.84
							2.04	-663.54	-5.09	---	---	0.06	0.59	0.65	-1024.83	99.96
							4.07	-593.41	-2.74	---	---	0.12	1.17	0.46	-727.85	98.76
1							4.07	-472.11	-17.58	---	---	---	---	---	-1568.00	60.98
							6.33	-394.37	11.63	---	---	---	---	---	-1568.00	55.54
							8.58	-230.34	8.39	---	---	---	---	---	-1568.00	38.11
3							4.07	-427.32	-14.78	---	---	---	---	---	-1568.00	58.06
							6.33	-331.13	9.78	---	---	---	---	---	-1568.00	49.77
							8.58	-212.30	7.50	---	---	---	---	---	-1568.00	35.70
5							4.07	-501.74	-10.75	---	---	---	---	---	-1568.00	62.57
							6.33	-457.57	6.51	---	---	---	---	---	-1568.00	60.10
							8.58	-244.50	4.24	---	---	---	---	---	-1568.00	39.93
7							4.07	-482.35	-2.11	---	---	---	---	---	-1568.00	61.56
							6.33	-448.49	0.28	---	---	---	---	---	-1568.00	59.51
							8.58	-238.62	-0.21	---	---	---	---	---	-1568.00	39.18
9	-267.42	0.00	21.29	68.85	0.00	0.02	4.07	-617.37	-3.36	0.01	0.02	0.02	0.32	0.69	-718.07	37.68
							6.33	-551.23	1.08	---	---	0.02	0.32	0.69	-718.07	41.85
							8.58	-344.99	1.49	---	---	0.02	0.32	0.69	-718.07	42.21
10	-267.11	0.00	21.29	68.85	0.00	0.02	4.07	-614.67	-2.67	0.00	0.01	0.02	0.32	0.69	-718.07	37.89
							6.33	-550.92	0.28	---	---	0.02	0.32	0.69	-718.07	41.87
							8.58	-344.76	0.83	---	---	0.02	0.32	0.69	-718.07	42.20
11	-267.94	0.00	21.29	68.85	0.00	0.02	4.07	-614.27	-3.19	0.01	0.02	0.02	0.32	0.69	-718.07	37.92
							6.33	-555.68	0.79	---	---	0.02	0.32	0.69	-718.07	41.63
							8.58	-346.40	1.15	---	---	0.02	0.32	0.69	-718.07	42.27
12	-266.60	0.00	21.29	68.85	0.00	0.02	4.07	-617.78	-2.84	0.00	0.02	0.02	0.32	0.69	-718.07	37.65
							6.33	-546.47	0.57	---	---	0.02	0.32	0.69	-718.07	42.08
							8.58	-343.35	1.16	---	---	0.02	0.32	0.69	-718.07	42.13
1							8.58	-193.48	7.99	---	---	---	---	---	-1568.00	33.08
							10.46	-178.12	-12.45	---	---	---	---	---	-1568.00	30.86
3							8.58	-183.82	4.86	---	---	---	---	---	-1568.00	31.69
							10.46	-144.62	-10.60	---	---	---	---	---	-1568.00	25.79
5							8.58	-196.32	7.75	---	---	---	---	---	-1568.00	33.48
							10.46	-206.75	-6.61	---	---	---	---	---	-1568.00	32.94
7							8.58	-189.09	4.42	---	---	---	---	---	-1568.00	34.45
							10.46	-197.79	0.24	---	---	---	---	---	-1568.00	33.69
9	0.00	0.00	9.06	20.93	0.00	0.02	8.58	-267.42	1.70	-0.01	0.02	0.02	0.26	0.75	-787.27	37.39
							10.46	-236.24	0.04	---	---	0.02	0.26	0.75	-787.27	34.69
10	0.00	0.00	9.06	20.93	0.00	0.02	8.58	-267.11	1.16	-0.00	0.01	0.02	0.26	0.75	-787.27	37.36
							10.46	-236.42	-0.55	---	---	0.02	0.26	0.75	-787.27	34.70
11	0.00	0.00	9.06	20.93	0.00	0.02	8.58	-267.94	1.29	-0.00	0.01	0.02	0.26	0.75	-787.27	37.43
							10.46	-238.57	-0.22	---	---	0.02	0.26	0.75	-787.27	34.90
12	0.00	0.00	9.06	20.93	0.00	0.02	8.58	-266.60	1.58	-0.01	0.01	0.02	0.26	0.75	-787.27	37.32
							10.46	-234.09	-0.29	---	---	0.02	0.26	0.75	-787.27	34.48

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-631.26	0.00	634.94	115.04	170.50
1	2.04	-534.60	0.00	575.72	129.12	158.35
1	4.07	-411.58	0.00	480.46	77.71	141.37
3	0.00	-576.02	0.00	602.78	21.79	163.67
3	2.04	-500.80	0.00	551.76	16.26	153.87
3	4.07	-402.11	0.00	472.21	21.34	139.98

5	0.00	-611.45	0.00	623.93	242.03	168.09
5	2.04	-528.91	0.00	571.81	259.22	157.60
5	4.07	-409.29	0.00	478.48	108.80	141.04
7	0.00	-539.24	0.00	578.88	214.06	158.95
7	2.04	-490.24	0.00	543.94	225.37	152.44
7	4.07	-397.87	0.00	468.47	79.09	139.35
9	0.00	-679.23	0.00	489.62	1.72	141.58
9	2.04	-658.31	0.00	489.73	2.33	139.53
9	4.07	-595.44	-0.00	484.25	2.47	133.17
10	0.00	-692.20	0.00	489.07	1.72	142.84
10	2.04	-664.63	-0.00	489.80	2.33	140.15
10	4.07	-593.80	0.00	483.99	2.47	133.00
11	0.00	-681.62	0.00	489.55	10.99	141.81
11	2.04	-659.39	0.00	489.75	11.07	139.64
11	4.07	-595.83	-0.00	484.31	3.87	133.21
12	0.00	-689.80	-0.00	489.20	10.99	142.61
12	2.04	-663.54	-0.00	489.80	11.07	140.04
12	4.07	-593.41	0.00	483.93	3.87	132.96
1	4.07	-472.11	0.00	448.17	95.94	110.06
1	6.33	-394.37	0.00	408.19	85.97	101.50
1	8.58	-230.34	0.00	280.08	19.24	80.50
3	4.07	-427.32	-0.00	426.76	23.31	105.21
3	6.33	-331.13	-0.00	365.82	14.79	93.96
3	8.58	-212.30	0.00	262.37	11.31	77.84
5	4.07	-501.74	0.00	459.90	209.64	113.15
5	6.33	-457.57	0.00	441.70	178.60	108.51
5	8.58	-244.50	0.00	293.49	17.80	82.52
7	4.07	-482.35	0.00	452.44	187.85	111.14
7	6.33	-448.49	0.00	437.43	157.25	107.53
7	8.58	-238.62	0.00	287.97	8.64	81.69
9	4.07	-617.37	-0.00	276.96	1.41	100.42
9	6.33	-551.23	-0.00	307.61	1.20	95.17
9	8.58	-344.99	-0.00	310.23	0.45	76.51
10	4.07	-614.67	0.00	278.49	1.41	100.21
10	6.33	-550.92	0.00	307.72	1.20	95.14
10	8.58	-344.76	0.00	310.15	0.45	76.48
11	4.07	-614.27	0.00	278.72	7.23	100.18
11	6.33	-555.68	-0.00	306.00	6.02	95.53
11	8.58	-346.40	-0.00	310.69	0.10	76.65
12	4.07	-617.78	-0.00	276.73	7.23	100.45
12	6.33	-546.47	0.00	309.25	6.02	94.78
12	8.58	-343.35	0.00	309.69	0.10	76.34
1	8.58	-193.48	0.00	243.13	58.07	89.67
1	10.46	-178.12	0.00	226.85	41.91	86.77
3	8.58	-183.82	0.00	232.94	18.46	87.86
3	10.46	-144.62	-0.00	189.53	10.76	80.08
5	8.58	-196.32	0.00	246.09	133.49	90.20
5	10.46	-206.75	0.00	256.78	92.45	92.10
7	8.58	-189.09	0.00	238.53	121.61	88.85
7	10.46	-197.79	0.00	247.60	83.10	90.47
9	8.58	-267.42	-0.00	274.80	0.37	81.54
9	10.46	-236.24	0.00	254.94	0.33	77.18
10	8.58	-267.11	0.00	274.61	0.37	81.50
10	10.46	-236.42	-0.00	255.07	0.33	77.21
11	8.58	-267.94	-0.00	275.10	3.72	81.61
11	10.46	-238.57	-0.00	256.54	2.55	77.51
12	8.58	-266.60	0.00	274.31	3.72	81.43
12	10.46	-234.09	0.00	253.45	2.55	76.87

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.57	1.48	2.03	0.00	4.07	4	SLD	0.50	1.29	2.33	0.00	4.07	6	SLD	0.70	1.81	1.66
0.00	4.07	8	SLD	0.64	1.65	1.82	4.07	8.58	2	SLD	1.12	2.67	1.12	4.07	8.58	4	SLD	0.96	2.28	1.32
4.07	8.58	6	SLD	1.00	2.37	1.27	4.07	8.58	8	SLD	0.80	1.89	1.59	8.58	12.35	2	SLD	0.39	1.10	2.72
8.58	12.35	4	SLD	0.30	0.85	3.53	8.58	12.35	6	SLD	0.61	1.73	1.73	8.58	12.35	8	SLD	0.56	1.59	1.88

Maschio in muratura ordinaria n. 40

Xg=7.15 <m> Yg=7.71 <m> L=0.89 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.30	3.77	0.05			112	0.08	0.02	0.00	1.00	12.57	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.40	4.21	0.00			207	0.11	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52				303	0.11	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-181.39	1.75	---	---	---	---	---	-354.00	10.81
							2.04	-195.09	0.41	---	---	---	---	---	-354.00	10.29
							4.07	-108.17	3.38	---	---	---	---	---	-354.00	10.39
3							0.00	-175.95	1.49	---	---	---	---	---	-354.00	10.96
							2.04	-142.14	0.21	---	---	---	---	---	-354.00	11.25
							4.07	-84.97	2.80	---	---	---	---	---	-354.00	9.15
5							0.00	-157.97	1.21	---	---	---	---	---	-354.00	11.26
							2.04	-247.14	0.50	---	---	---	---	---	-354.00	6.62
							4.07	-125.38	2.14	---	---	---	---	---	-354.00	10.97
7							0.00	-132.45	0.49	---	---	---	---	---	-354.00	11.12
							2.04	-238.81	0.37	---	---	---	---	---	-354.00	7.39
							4.07	-116.94	0.50	---	---	---	---	---	-354.00	10.72
9	-228.54	0.05	0.00	6.93	0.00	0.07	0.00	-206.40	0.73	-0.00	0.04	0.04	0.77	0.46	-107.86	0.00
							2.04	-221.86	0.17	---	---	0.03	0.70	0.48	-113.22	0.00
							4.07	-121.23	0.71	---	---	0.07	1.40	0.25	-59.61	7.19
10	-231.41	0.05	0.00	6.93	0.00	0.07	0.00	-202.33	0.59	-0.00	0.04	0.04	0.76	0.46	-108.85	0.00
							2.04	-222.22	0.17	---	---	0.03	0.70	0.48	-113.23	0.00
							4.07	-122.91	0.51	---	---	0.07	1.40	0.25	-59.63	7.14
11	-226.65	0.05	0.00	6.93	0.00	0.07	0.00	-205.14	0.65	-0.00	0.04	0.04	0.76	0.46	-108.45	0.00
							2.04	-218.66	0.19	---	---	0.03	0.70	0.48	-113.21	0.00
							4.07	-120.85	0.64	---	---	0.07	1.40	0.25	-59.60	7.21
12	-233.31	0.05	0.00	6.93	0.00	0.07	0.00	-203.58	0.67	-0.00	0.04	0.04	0.76	0.46	-108.25	0.00
							2.04	-225.42	0.15	---	---	0.03	0.70	0.48	-113.24	0.00
							4.07	-123.29	0.58	---	---	0.07	1.40	0.25	-59.64	7.13
1							4.07	-218.61	7.21	---	---	---	---	---	-472.00	19.90
							6.33	-123.30	-5.57	---	---	---	---	---	-472.00	17.08
							8.58	-68.94	-3.08	---	---	---	---	---	-472.00	11.42
3							4.07	-154.19	6.43	---	---	---	---	---	-472.00	18.99
							6.33	-113.39	-5.11	---	---	---	---	---	-472.00	16.27
							8.58	-64.51	-2.43	---	---	---	---	---	-472.00	10.83
5							4.07	-275.05	4.15	---	---	---	---	---	-472.00	17.30
							6.33	-129.44	-2.95	---	---	---	---	---	-472.00	17.54
							8.58	-66.91	-1.92	---	---	---	---	---	-472.00	11.15
7							4.07	-259.00	0.75	---	---	---	---	---	-472.00	18.36
							6.33	-124.78	-0.24	---	---	---	---	---	-472.00	17.19
							8.58	-60.76	-0.28	---	---	---	---	---	-472.00	10.31
9	-92.70	0.00	0.00	6.41	0.01	0.03	4.07	-228.54	2.09	-0.01	0.02	0.02	0.35	0.67	-210.94	6.65
							6.33	-169.53	-1.62	---	---	0.02	0.32	0.69	-216.15	12.42
							8.58	-88.19	-0.27	---	---	0.03	0.42	0.63	-199.34	11.82
10	-93.22	0.00	0.00	6.41	0.01	0.03	4.07	-231.41	1.71	-0.01	0.02	0.02	0.32	0.68	-215.06	6.24
							6.33	-170.67	-1.31	---	---	0.02	0.32	0.69	-216.15	12.35
							8.58	-88.92	-0.21	---	---	0.03	0.42	0.63	-199.43	11.87
11	-92.33	0.00	0.00	6.41	0.01	0.03	4.07	-226.65	1.94	-0.01	0.02	0.02	0.34	0.67	-212.31	6.92
							6.33	-170.06	-1.49	---	---	0.02	0.32	0.69	-216.15	12.39
							8.58	-88.54	-0.22	---	---	0.03	0.42	0.63	-199.28	11.85
12	-93.59	0.00	0.00	6.41	0.01	0.03	4.07	-233.31	1.86	-0.01	0.02	0.02	0.33	0.68	-213.70	5.96
							6.33	-170.14	-1.44	---	---	0.02	0.32	0.69	-216.15	12.38
							8.58	-88.57	-0.26	---	---	0.03	0.42	0.63	-199.49	11.85
1							8.58	-79.22	3.54	---	---	---	---	---	-472.00	12.72
							10.46	-58.03	-4.01	---	---	---	---	---	-472.00	9.93
3							8.58	-63.31	2.79	---	---	---	---	---	-472.00	10.66
							10.46	-55.59	-3.61	---	---	---	---	---	-472.00	9.58
5							8.58	-91.11	3.30	---	---	---	---	---	-472.00	14.08
							10.46	-57.63	-1.96	---	---	---	---	---	-472.00	9.87
7							8.58	-85.40	2.34	---	---	---	---	---	-472.00	13.44
							10.46	-54.85	0.19	---	---	---	---	---	-472.00	9.47
9	0.00	0.00	0.00	2.73	0.11	0.13	8.58	-92.70	2.37	-0.03	0.09	0.09	1.36	0.35	-109.97	12.11
							10.46	-83.62	-0.49	---	---	0.06	0.97	0.48	-151.97	11.50
10	0.00	0.00	0.00	2.73	0.11	0.13	8.58	-93.22	2.34	-0.03	0.09	0.09	1.35	0.35	-110.78	12.15
							10.46	-83.96	-0.38	---	---	0.06	0.97	0.48	-151.97	11.52
11	0.00	0.00	0.00	2.73	0.11	0.13	8.58	-92.33	2.39	-0.03	0.09	0.09	1.36	0.35	-109.43	12.09
							10.46	-83.95	-0.43	---	---	0.06	0.97	0.48	-151.97	11.52
12	0.00	0.00	0.00	2.73	0.11	0.13	8.58	-93.59	2.32	-0.02	0.09	0.09	1.34	0.35	-111.31	12.17
							10.46	-83.63	-0.44	---	---	0.06	0.97	0.48	-151.97	11.50

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-181.39	0.00	31.88	26.85	30.35
1	2.04	-195.09	0.00	30.36	37.27	31.41
1	4.07	-108.17	0.00	30.66	31.62	23.88
3	0.00	-175.95	0.00	32.33	5.62	29.92

3	2.04	-142.14	-0.00	33.19	3.25	27.08
3	4.07	-84.97	0.00	26.98	17.51	21.43
5	0.00	-157.97	0.00	33.20	40.26	28.44
5	2.04	-247.14	0.00	19.54	62.77	35.16
5	4.07	-125.38	0.00	32.36	30.88	25.55
7	0.00	-132.45	-0.00	32.81	30.52	26.20
7	2.04	-238.81	0.00	21.81	50.61	34.59
7	4.07	-116.94	0.00	31.64	16.15	24.74
9	0.00	-206.40	0.00	0.00	0.73	26.13
9	2.04	-221.86	-0.00	0.00	0.97	27.06
9	4.07	-121.23	-0.00	21.22	1.28	20.26
10	0.00	-202.33	-0.00	0.00	0.73	25.88
10	2.04	-222.22	0.00	0.00	0.97	27.08
10	4.07	-122.91	0.00	21.06	1.28	20.39
11	0.00	-205.14	0.00	0.00	1.65	26.05
11	2.04	-218.66	-0.00	0.00	2.48	26.87
11	4.07	-120.85	-0.00	21.26	0.91	20.23
12	0.00	-203.58	-0.00	0.00	1.65	25.95
12	2.04	-225.42	0.00	0.00	2.48	27.27
12	4.07	-123.29	0.00	21.03	0.91	20.42
1	4.07	-218.61	0.00	44.02	22.45	38.59
1	6.33	-123.30	0.00	37.79	8.88	29.67
1	8.58	-68.94	0.00	25.26	8.69	23.08
3	4.07	-154.19	-0.00	42.01	7.09	32.82
3	6.33	-113.39	0.00	35.99	1.07	28.58
3	8.58	-64.51	0.00	23.96	7.33	22.46
5	4.07	-275.05	0.00	38.27	51.54	43.01
5	6.33	-129.44	0.00	38.80	17.76	30.32
5	8.58	-66.91	0.00	24.67	4.67	22.79
7	4.07	-259.00	0.00	40.62	46.93	41.80
7	6.33	-124.78	0.00	38.04	15.41	29.82
7	8.58	-60.76	0.00	22.81	0.14	21.91
9	4.07	-228.54	-0.00	14.72	0.27	31.85
9	6.33	-169.53	-0.00	27.47	0.13	27.63
9	8.58	-88.19	-0.00	26.16	0.30	20.41
10	4.07	-231.41	0.00	13.80	0.27	32.05
10	6.33	-170.67	0.00	27.33	0.13	27.71
10	8.58	-88.92	0.00	26.27	0.30	20.49
11	4.07	-226.65	-0.00	15.31	1.67	31.73
11	6.33	-170.06	-0.00	27.41	0.57	27.67
11	8.58	-88.54	-0.00	26.21	0.08	20.45
12	4.07	-233.31	0.00	13.18	1.67	32.17
12	6.33	-170.14	0.00	27.40	0.57	27.67
12	8.58	-88.57	0.00	26.21	0.08	20.45
1	8.58	-79.22	0.00	28.13	9.90	24.46
1	10.46	-58.03	0.00	21.96	4.11	21.51
3	8.58	-63.31	0.00	23.59	1.93	22.28
3	10.46	-55.59	0.00	21.19	0.55	21.15
5	8.58	-91.11	0.00	31.16	20.91	25.97
5	10.46	-57.63	0.00	21.84	8.30	21.45
7	8.58	-85.40	0.00	29.74	18.52	25.25
7	10.46	-54.85	0.00	20.95	7.24	21.04
9	8.58	-92.70	-0.00	26.80	0.04	20.88
9	10.46	-83.62	-0.00	25.43	0.05	19.93
10	8.58	-93.22	0.00	26.87	0.04	20.93
10	10.46	-83.96	0.00	25.49	0.05	19.97
11	8.58	-92.33	-0.00	26.75	0.60	20.84
11	10.46	-83.95	0.00	25.49	0.22	19.96
12	8.58	-93.59	0.00	26.92	0.60	20.97
12	10.46	-83.63	-0.00	25.44	0.22	19.93

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.66	1.76	1.71	0.00	4.07	4	SLD	0.58	1.54	1.94	0.00	4.07	6	SLD	0.79	2.09	1.44
0.00	4.07	8	SLD	0.72	1.91	1.57	4.07	8.58	2	SLD	1.27	3.01	1.00	4.07	8.58	4	SLD	1.13	2.69	1.11
4.07	8.58	6	SLD	1.01	2.41	1.25	4.07	8.58	8	SLD	0.82	1.95	1.54	8.58	12.35	2	SLD	0.58	1.66	1.81
8.58	12.35	4	SLD	0.50	1.42	2.11	8.58	12.35	6	SLD	0.71	2.03	1.48	8.58	12.35	8	SLD	0.65	1.84	1.63

Maschio in muratura ordinaria n. 41

Xg=7.15 <m> Yg=9.95 <m> L=1.42 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VRK} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.30	3.77	0.05			112	0.08	0.02	0.00	1.00	12.57	3200.00	888.89	1333.33	65.00	27.08	40.63

4.07	8.58	0.40	4.21	0.00			207	0.11	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52				303	0.11	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN _{2sx} <kN>	ΣN _{2dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _y <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-284.30	5.77	---	---	---	---	---	-569.00	17.58
							2.04	-279.76	5.83	---	---	---	---	---	-569.00	17.69
							4.07	-167.51	1.48	---	---	---	---	---	-569.00	16.42
3							0.00	-280.27	4.75	---	---	---	---	---	-569.00	17.68
							2.04	-254.11	4.79	---	---	---	---	---	-569.00	18.09
							4.07	-159.34	0.85	---	---	---	---	---	-569.00	16.03
5							0.00	-282.85	3.51	---	---	---	---	---	-569.00	17.61
							2.04	-302.02	3.41	---	---	---	---	---	-569.00	17.01
							4.07	-174.33	1.56	---	---	---	---	---	-569.00	16.72
7							0.00	-277.57	0.55	---	---	---	---	---	-569.00	17.74
							2.04	-295.44	0.29	---	---	---	---	---	-569.00	17.25
							4.07	-172.00	1.00	---	---	---	---	---	-569.00	16.62
9	-205.93	0.05	0.00	11.13	0.00	0.07	0.00	-401.71	0.81	-0.00	0.04	0.04	0.75	0.46	-176.18	0.00
							2.04	-385.39	0.05	---	---	0.04	0.71	0.48	-181.08	0.00
							4.07	-238.96	0.31	---	---	0.07	1.41	0.25	-93.95	9.28
10	-206.67	0.05	0.00	11.13	0.00	0.07	0.00	-402.53	0.30	---	---	0.02	0.38	0.60	-227.49	0.00
							2.04	-384.94	0.39	-0.00	0.04	0.04	0.73	0.47	-178.62	0.00
							4.07	-239.44	0.37	---	---	0.07	1.41	0.25	-93.97	9.24
11	-206.74	0.05	0.00	11.13	0.00	0.07	0.00	-402.19	0.54	-0.00	0.04	0.04	0.73	0.47	-177.81	0.00
							2.04	-387.57	0.24	---	---	0.04	0.71	0.48	-181.09	0.00
							4.07	-240.04	0.35	---	---	0.07	1.41	0.25	-93.97	9.20
12	-205.86	0.05	0.00	11.13	0.00	0.07	0.00	-402.06	0.57	-0.00	0.04	0.04	0.73	0.47	-177.65	0.00
							2.04	-382.76	0.20	---	---	0.04	0.71	0.48	-181.08	0.00
							4.07	-238.35	0.33	---	---	0.07	1.41	0.25	-93.95	9.32
1							4.07	-147.42	1.59	---	---	---	---	---	-758.67	22.74
							6.33	-110.00	-4.17	---	---	---	---	---	-758.67	18.25
							8.58	-99.06	3.76	---	---	---	---	---	-758.67	16.77
3							4.07	-144.08	0.94	---	---	---	---	---	-758.67	22.38
							6.33	-103.80	-3.38	---	---	---	---	---	-758.67	17.42
							8.58	-95.45	2.88	---	---	---	---	---	-758.67	16.27
5							4.07	-147.25	1.58	---	---	---	---	---	-758.67	22.73
							6.33	-112.64	-2.52	---	---	---	---	---	-758.67	18.59
							8.58	-98.93	2.48	---	---	---	---	---	-758.67	16.75
7							4.07	-143.78	0.92	---	---	---	---	---	-758.67	22.34
							6.33	-108.70	-0.32	---	---	---	---	---	-758.67	18.08
							8.58	-95.22	0.50	---	---	---	---	---	-758.67	16.23
9	-121.80	0.00	0.00	10.30	0.01	0.03	4.07	-205.93	0.21	---	---	0.02	0.32	0.69	-347.43	21.46
							6.33	-149.70	-0.39	0.00	0.02	0.02	0.32	0.69	-347.43	19.51
							8.58	-139.75	-0.19	---	---	0.03	0.45	0.62	-314.85	18.86
10	-122.47	0.00	0.00	10.30	0.01	0.03	4.07	-206.67	0.27	-0.00	0.02	0.02	0.32	0.69	-347.43	21.46
							6.33	-150.51	-0.12	---	---	0.02	0.32	0.69	-347.43	19.56
							8.58	-140.53	0.02	---	---	0.03	0.45	0.62	-315.02	18.92
11	-122.23	0.00	0.00	10.30	0.01	0.03	4.07	-206.74	0.24	---	---	0.02	0.32	0.69	-347.43	21.46
							6.33	-150.03	-0.27	0.00	0.02	0.02	0.32	0.69	-347.43	19.53
							8.58	-140.15	-0.09	---	---	0.03	0.45	0.62	-314.96	18.89
12	-122.03	0.00	0.00	10.30	0.01	0.03	4.07	-205.86	0.24	---	---	0.02	0.32	0.69	-347.43	21.46
							6.33	-150.19	-0.24	0.00	0.02	0.02	0.32	0.69	-347.43	19.54
							8.58	-140.13	-0.08	---	---	0.03	0.45	0.62	-314.91	18.89
1							8.58	-87.19	3.72	---	---	---	---	---	-758.67	15.08
							10.46	-66.47	-5.29	---	---	---	---	---	-758.67	11.92
3							8.58	-85.19	2.76	---	---	---	---	---	-758.67	14.79
							10.46	-65.11	-4.18	---	---	---	---	---	-758.67	11.71
5							8.58	-85.77	2.65	---	---	---	---	---	-758.67	14.87
							10.46	-64.97	-3.35	---	---	---	---	---	-758.67	11.68
7							8.58	-82.55	0.77	---	---	---	---	---	-758.67	14.40
							10.46	-62.33	-0.58	---	---	---	---	---	-758.67	11.26
9	0.00	0.00	0.00	4.38	0.11	0.13	8.58	-121.80	-0.01	---	---	0.02	0.26	0.75	-380.92	17.46
							10.46	-95.65	-0.33	---	---	0.06	0.97	0.48	-244.27	14.87
10	0.00	0.00	0.00	4.38	0.11	0.13	8.58	-122.47	0.17	---	---	0.02	0.26	0.75	-380.92	17.52
							10.46	-96.12	-0.15	---	---	0.06	0.97	0.48	-244.27	14.93
11	0.00	0.00	0.00	4.38	0.11	0.13	8.58	-122.23	0.07	---	---	0.02	0.26	0.75	-380.92	17.50
							10.46	-96.01	-0.25	---	---	0.06	0.97	0.48	-244.27	14.91
12	0.00	0.00	0.00	4.38	0.11	0.13	8.58	-122.03	0.08	---	---	0.02	0.26	0.75	-380.92	17.48
							10.46	-95.76	-0.24	---	---	0.06	0.97	0.48	-244.27	14.89

Verifiche per azioni nel piano

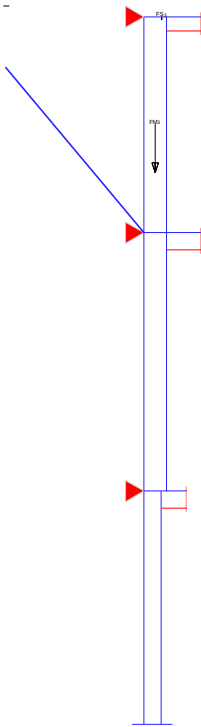
CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-284.30	9.34	83.35	34.63	48.21
1	2.04	-279.76	6.22	83.88	39.71	47.85
1	4.07	-167.51	0.83	77.88	25.86	37.74

3	0.00	-280.27	-1.14	83.83	1.21	47.89
3	2.04	-254.11	1.56	85.78	1.83	45.73
3	4.07	-159.34	-0.02	75.99	0.12	36.90
5	0.00	-282.85	18.69	83.52	61.08	48.09
5	2.04	-302.02	8.93	80.67	69.36	49.61
5	4.07	-174.33	1.55	79.30	46.80	38.43
7	0.00	-277.57	16.23	84.12	50.33	47.67
7	2.04	-295.44	6.60	81.77	56.90	49.09
7	4.07	-172.00	1.30	78.83	39.01	38.20
9	0.00	-401.71	0.15	0.00	0.72	46.07
9	2.04	-385.39	-0.16	0.00	0.80	45.16
9	4.07	-238.96	-0.01	44.00	0.59	35.87
10	0.00	-402.53	-0.15	0.00	0.72	46.12
10	2.04	-384.94	0.16	0.00	0.80	45.13
10	4.07	-239.44	0.01	43.84	0.59	35.91
11	0.00	-402.19	0.79	0.00	2.79	46.10
11	2.04	-387.57	-0.44	0.00	3.01	45.28
11	4.07	-240.04	0.04	43.63	1.78	35.95
12	0.00	-402.06	-0.79	0.00	2.79	46.09
12	2.04	-382.76	0.44	0.00	3.01	45.01
12	4.07	-238.35	-0.04	44.21	1.78	35.83
1	4.07	-147.42	0.70	80.88	24.65	41.86
1	6.33	-110.00	1.23	64.89	25.93	36.98
1	8.58	-99.06	0.64	59.63	21.48	35.43
3	4.07	-144.08	-0.19	79.58	1.23	41.45
3	6.33	-103.80	-0.24	61.94	2.74	36.11
3	8.58	-95.45	0.03	57.84	1.13	34.90
5	4.07	-147.25	1.55	80.82	46.65	41.84
5	6.33	-112.64	2.59	66.12	51.27	37.35
5	8.58	-98.93	1.11	59.57	40.74	35.41
7	4.07	-143.78	1.40	79.46	39.62	41.41
7	6.33	-108.70	2.30	64.28	44.31	36.80
7	8.58	-95.22	0.91	57.72	34.64	34.87
9	4.07	-205.93	0.02	76.31	0.55	38.94
9	6.33	-149.70	0.02	69.40	0.57	33.63
9	8.58	-139.75	0.02	67.09	0.48	32.60
10	4.07	-206.67	-0.02	76.33	0.55	39.00
10	6.33	-150.51	-0.02	69.57	0.57	33.71
10	8.58	-140.53	-0.02	67.28	0.48	32.68
11	4.07	-206.74	0.03	76.33	1.62	39.01
11	6.33	-150.03	0.07	69.47	1.49	33.66
11	8.58	-140.15	0.02	67.19	1.08	32.64
12	4.07	-205.86	-0.03	76.31	1.62	38.93
12	6.33	-150.19	-0.07	69.50	1.49	33.68
12	8.58	-140.13	-0.02	67.18	1.08	32.64
1	8.58	-87.19	0.42	53.63	19.54	33.66
1	10.46	-66.47	0.32	42.40	17.20	30.34
3	8.58	-85.19	-0.04	52.59	0.79	33.36
3	10.46	-65.11	0.12	41.63	1.48	30.11
5	8.58	-85.77	0.83	52.89	36.69	33.45
5	10.46	-64.97	0.41	41.55	33.50	30.08
7	8.58	-82.55	0.72	51.20	31.06	32.95
7	10.46	-62.33	0.28	40.05	28.78	29.63
9	8.58	-121.80	0.01	62.09	0.41	30.66
9	10.46	-95.65	0.00	52.90	0.31	27.58
10	8.58	-122.47	-0.01	62.29	0.41	30.73
10	10.46	-96.12	-0.00	53.08	0.31	27.64
11	8.58	-122.23	0.02	62.22	0.89	30.70
11	10.46	-96.01	0.00	53.04	0.79	27.63
12	8.58	-122.03	-0.02	62.16	0.89	30.68
12	10.46	-95.76	-0.00	52.94	0.79	27.59

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.76	2.02	1.48	0.00	4.07	4	SLD	0.62	1.64	1.83	0.00	4.07	6	SLD	0.90	2.38	1.26
0.00	4.07	8	SLD	0.76	2.02	1.49	4.07	8.58	2	SLD	0.83	1.98	1.52	4.07	8.58	4	SLD	0.65	1.54	1.95
4.07	8.58	6	SLD	0.93	2.22	1.35	4.07	8.58	8	SLD	0.78	1.86	1.61	8.58	12.35	2	SLD	0.53	1.51	1.99
8.58	12.35	4	SLD	0.39	1.11	2.70	8.58	12.35	6	SLD	0.74	2.10	1.43	8.58	12.35	8	SLD	0.64	1.83	1.64

Verifiche cinematicismi
Ribalt. a z=8.58

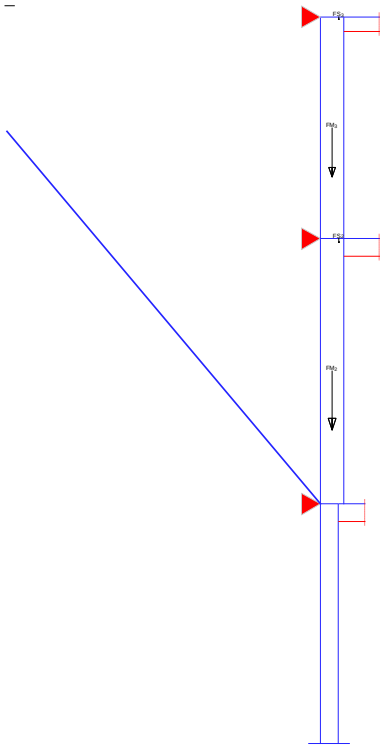


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematicismo $M^*=4630.46$ <kg>
Frazione di massa partecipante $e^*=0.96$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=85.54$ <mm>
Domanda di spostamento [C8A.4.11]=120.27 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.7112
Domanda di spostamento amplificata [C8A.4.12]=99.39 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8607

Ribalt. a z=4.07

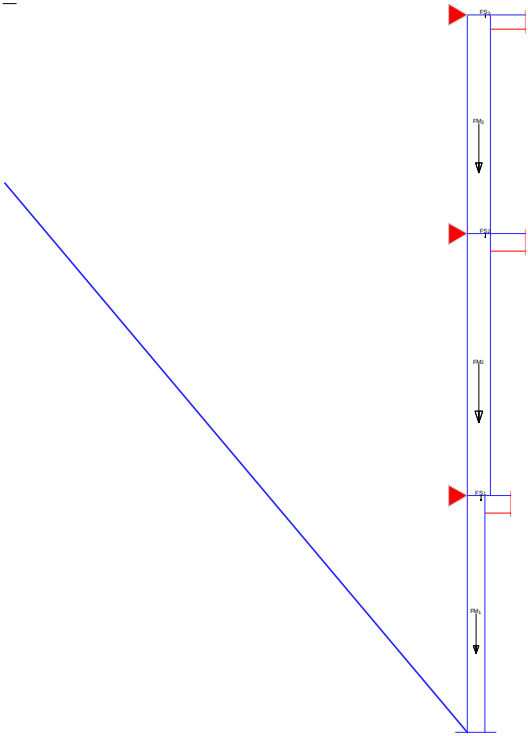


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=8587.83$ <kg>
 Frazione di massa partecipante $e^*=0.80$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=102.56$ <mm>
 Domanda di spostamento [C8A.4.11]=176.24 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.5819
 Domanda di spostamento amplificata [C8A.4.12]=61.32 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.6725

Ribalt. a z=0.00

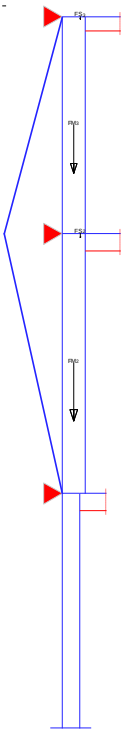


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		36.47	0.00	2.04	Peso maschio piano 1
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₁		4.11	0.08	4.07	Peso solaio piano 1
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=11909.30$ <kg>
Frazione di massa partecipante $e^*=0.80$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=95.98$ <mm>
Domanda di spostamento [C8A.4.11]=191.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.5016

Fless. a z= 8.58 da z= 4.07 a z=12.35

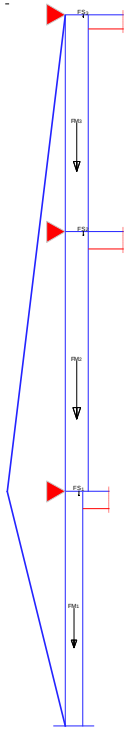


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=10130.90$ <kg>
 Frazione di massa partecipante $e^*=0.95$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=33.54$ <mm>
 Domanda di spostamento [C8A.4.11]=66.60 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.5036
 Domanda di spostamento amplificata [C8A.4.12]=77.21 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.4344

Fless. a z= 4.07 da z= 0.00 a z=12.35

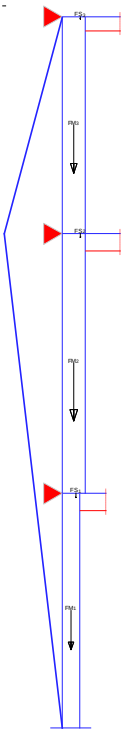


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		36.47	0.00	2.04	Peso maschio piano 1
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₁		4.11	0.08	4.07	Peso solaio piano 1
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=12260.40 <kg>
Frazione di massa partecipante e^{*}=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=49.54 <mm>
Domanda di spostamento [C8A.4.11]=72.52 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.6831

Fless. a z= 8.58 da z= 0.00 a z=12.35

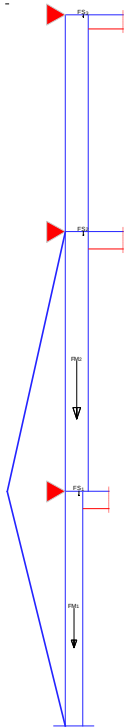


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		36.47	0.00	2.04	Peso maschio piano 1
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FM ₃		45.05	0.05	10.46	Peso maschio piano 3
FS ₁		4.11	0.08	4.07	Peso solaio piano 1
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=12639.70$ <kg>
 Frazione di massa partecipante $e^*=0.85$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=45.46$ <mm>
 Domanda di spostamento [C8A.4.11]=104.42 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.4353

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		36.47	0.00	2.04	Peso maschio piano 1
FM ₂		53.89	0.05	6.33	Peso maschio piano 2
FS ₁		4.11	0.08	4.07	Peso solaio piano 1
FS ₂		3.55	0.16	8.58	Peso solaio piano 2
FS ₃		2.26	0.16	12.35	Peso solaio piano 3

Massa partecipante al cinetismo $M^*=8100.25$ <kg>
 Frazione di massa partecipante $e^*=0.79$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=35.38$ <mm>
 Domanda di spostamento [C8A.4.11]=58.31 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.6067

Maschio in muratura ordinaria n. 42

$X_g=7.22$ <m> $Y_g=11.76$ <m> $L=2.20$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{ax}	d ₂	S _{ax}	d ₂	e _a	a	ρ	λ	F _k	F _d SLU	F _d SLV	F _{VKO}	F _{td} SLU	F _{td} SLV
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.15	3.77	0.13			112	0.04	0.02	0.00	1.00	25.13	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.40	4.21	0.00			207	0.11	0.02	0.00	1.00	10.53	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.40	3.52				303	0.11	0.02	0.00	1.00	8.80	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN_{2sx}	ΣN_{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-177.02	0.92	---	---	---	---	---	-440.50	7.00
							2.04	-174.07	-1.30	---	---	---	---	---	-440.50	6.99
							4.07	-143.82	0.64	---	---	---	---	---	-440.50	6.64
3							0.00	-138.45	0.77	---	---	---	---	---	-440.50	6.54
							2.04	-146.97	-1.07	---	---	---	---	---	-440.50	6.70
							4.07	-121.24	0.53	---	---	---	---	---	-440.50	6.15
5							0.00	-217.86	0.55	---	---	---	---	---	-440.50	6.83
							2.04	-203.23	-0.77	---	---	---	---	---	-440.50	6.97
							4.07	-167.80	0.46	---	---	---	---	---	-440.50	6.94
7							0.00	-214.30	0.08	---	---	---	---	---	-440.50	6.87
							2.04	-201.11	-0.08	---	---	---	---	---	-440.50	6.98
							4.07	-165.78	0.18	---	---	---	---	---	-440.50	6.93
9	-227.47	0.12	0.00	17.24	0.00	0.14	0.00	-228.92	0.16	---	---	0.02	0.75	---	---	1.42
							2.04	-237.14	-0.09	---	---	0.07	2.76	---	---	0.89
							4.07	-193.67	0.20	-0.00	0.07	0.07	2.80	---	---	3.26

10	-227.09	0.12	0.00	17.24	0.00	0.14	0.00	-229.49	0.08	---	---	0.02	0.75	---	---	1.39
							2.04	-237.35	-0.02	---	---	0.07	2.76	---	---	0.87
							4.07	-193.75	0.16	-0.00	0.07	0.07	2.79	---	---	3.25
11	-229.15	0.12	0.00	17.24	0.00	0.14	0.00	-232.04	0.12	---	---	0.02	0.75	---	---	1.23
							2.04	-239.13	-0.06	---	---	0.07	2.76	---	---	0.75
							4.07	-195.22	0.18	-0.00	0.07	0.07	2.80	---	---	3.19
12	-225.40	0.12	0.00	17.24	0.00	0.14	0.00	-226.37	0.12	---	---	0.02	0.75	---	---	1.58
							2.04	-235.36	-0.06	---	---	0.07	2.76	---	---	1.01
							4.07	-192.20	0.18	-0.00	0.07	0.07	2.80	---	---	3.32
1							4.07	-174.17	-2.07	---	---	---	---	---	-1174.67	28.76
							6.33	-131.02	-2.00	---	---	---	---	---	-1174.67	22.77
							8.58	-111.72	4.08	---	---	---	---	---	-1174.67	19.84
3							4.07	-145.37	-1.56	---	---	---	---	---	-1174.67	24.84
							6.33	-111.85	-1.29	---	---	---	---	---	-1174.67	19.86
							8.58	-100.53	3.45	---	---	---	---	---	-1174.67	18.08
5							4.07	-204.09	-1.51	---	---	---	---	---	-1174.67	32.48
							6.33	-149.45	-1.86	---	---	---	---	---	-1174.67	25.42
							8.58	-121.67	2.79	---	---	---	---	---	-1174.67	21.37
7							4.07	-200.94	-0.52	---	---	---	---	---	-1174.67	32.10
							6.33	-146.09	-1.03	---	---	---	---	---	-1174.67	24.94
							8.58	-119.00	1.05	---	---	---	---	---	-1174.67	20.96
9	-140.68	0.00	0.00	15.95	0.01	0.03	4.07	-227.47	-0.29	---	---	0.02	0.32	0.69	-537.94	29.95
							6.33	-170.82	-0.36	---	---	0.02	0.32	0.69	-537.94	25.40
							8.58	-155.01	1.47	-0.01	0.03	0.03	0.39	0.65	-511.07	23.78
10	-140.87	0.00	0.00	15.95	0.01	0.03	4.07	-227.09	-0.40	---	---	0.02	0.32	0.69	-537.94	29.92
							6.33	-171.36	-0.42	---	---	0.02	0.32	0.69	-537.94	25.45
							8.58	-155.53	1.24	-0.01	0.02	0.02	0.36	0.66	-519.87	23.84
11	-141.36	0.00	0.00	15.95	0.01	0.03	4.07	-229.15	-0.37	---	---	0.02	0.32	0.69	-537.94	30.05
							6.33	-172.26	-0.42	---	---	0.02	0.32	0.69	-537.94	25.54
							8.58	-155.91	1.35	-0.01	0.02	0.02	0.37	0.66	-515.79	23.88
12	-140.18	0.00	0.00	15.95	0.01	0.03	4.07	-225.40	-0.33	---	---	0.02	0.32	0.69	-537.94	29.82
							6.33	-169.91	-0.36	---	---	0.02	0.32	0.69	-537.94	25.31
							8.58	-154.62	1.35	-0.01	0.02	0.02	0.37	0.66	-515.16	23.74
1							8.58	-102.68	3.14	---	---	---	---	---	-1174.67	18.42
							10.46	-94.52	-4.32	---	---	---	---	---	-1174.67	17.11
3							8.58	-92.27	2.34	---	---	---	---	---	-1174.67	16.75
							10.46	-87.57	-2.92	---	---	---	---	---	-1174.67	15.98
5							8.58	-112.90	2.43	---	---	---	---	---	-1174.67	20.03
							10.46	-96.17	-3.48	---	---	---	---	---	-1174.67	17.38
7							8.58	-111.25	1.04	---	---	---	---	---	-1174.67	19.77
							10.46	-90.64	-1.37	---	---	---	---	---	-1174.67	16.48
9	0.00	0.00	0.00	6.78	0.11	0.13	8.58	-140.68	0.69	-0.00	0.07	0.07	1.05	0.46	-358.79	22.19
							10.46	-124.81	-0.11	---	---	0.06	0.97	0.48	-378.21	20.28
10	0.00	0.00	0.00	6.78	0.11	0.13	8.58	-140.87	0.56	-0.00	0.07	0.07	1.03	0.46	-362.49	22.21
							10.46	-125.66	-0.16	---	---	0.06	0.97	0.48	-378.21	20.39
11	0.00	0.00	0.00	6.78	0.11	0.13	8.58	-141.36	0.62	-0.00	0.07	0.07	1.04	0.46	-360.95	22.27
							10.46	-125.64	-0.16	---	---	0.06	0.97	0.48	-378.21	20.39
12	0.00	0.00	0.00	6.78	0.11	0.13	8.58	-140.18	0.63	-0.00	0.07	0.07	1.04	0.46	-360.33	22.13
							10.46	-124.83	-0.11	---	---	0.06	0.97	0.48	-378.21	20.28

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-177.02	3.20	102.78	33.42	33.70
1	2.04	-174.07	2.69	102.58	40.31	33.44
1	4.07	-143.82	2.25	97.54	28.24	30.63
3	0.00	-138.45	2.26	96.09	4.04	30.10
3	2.04	-146.97	-0.10	98.32	3.46	30.93
3	4.07	-121.24	-0.21	90.28	0.74	28.34
5	0.00	-217.86	2.38	100.32	54.59	37.14
5	2.04	-203.23	5.03	102.33	67.99	35.95
5	4.07	-167.80	4.41	101.98	50.18	32.88
7	0.00	-214.30	0.74	100.93	43.35	36.86
7	2.04	-201.11	4.25	102.52	54.86	35.77
7	4.07	-165.78	3.80	101.73	41.48	32.70
9	0.00	-228.92	-0.15	20.90	0.81	30.76
9	2.04	-237.14	0.07	13.05	0.95	31.28
9	4.07	-193.67	0.06	47.80	0.67	28.39
10	0.00	-229.49	0.15	20.38	0.81	30.79
10	2.04	-237.35	-0.07	12.84	0.95	31.30
10	4.07	-193.75	-0.06	47.75	0.67	28.39
11	0.00	-232.04	-0.12	17.99	2.49	30.96
11	2.04	-239.13	0.17	11.06	2.99	31.41
11	4.07	-195.22	0.12	46.85	1.81	28.49
12	0.00	-226.37	0.12	23.22	2.49	30.59
12	2.04	-235.36	-0.17	14.80	2.99	31.17
12	4.07	-192.20	-0.12	48.68	1.81	28.28
1	4.07	-174.17	6.06	158.35	37.52	57.79

1	6.33	-131.02	2.75	125.35	35.93	51.51
1	8.58	-111.72	1.53	109.27	33.94	48.44
3	4.07	-145.37	0.07	136.78	1.23	53.68
3	6.33	-111.85	-0.88	109.38	1.62	48.46
3	8.58	-100.53	-0.18	99.57	2.24	46.57
5	4.07	-204.09	10.91	178.82	70.03	61.77
5	6.33	-149.45	6.33	139.95	67.73	54.28
5	8.58	-121.67	3.05	117.66	65.04	50.05
7	4.07	-200.94	9.07	176.75	59.14	61.36
7	6.33	-146.09	5.77	137.34	57.44	53.79
7	8.58	-119.00	2.64	115.43	55.53	49.62
9	4.07	-227.47	0.18	164.90	0.82	51.63
9	6.33	-170.82	-0.00	139.84	0.84	45.44
9	8.58	-155.01	0.02	130.95	0.75	43.55
10	4.07	-227.09	-0.18	164.76	0.82	51.59
10	6.33	-171.36	0.00	140.13	0.84	45.50
10	8.58	-155.53	-0.02	131.26	0.75	43.62
11	4.07	-229.15	0.34	165.48	2.33	51.80
11	6.33	-172.26	0.16	140.61	1.82	45.60
11	8.58	-155.91	0.04	131.48	1.62	43.66
12	4.07	-225.40	-0.34	164.17	2.33	51.41
12	6.33	-169.91	-0.16	139.35	1.82	45.33
12	8.58	-154.62	-0.04	130.72	1.62	43.51
1	8.58	-102.68	3.12	101.45	31.54	46.93
1	10.46	-94.52	2.01	94.24	25.72	45.53
3	8.58	-92.27	1.51	92.22	1.53	45.13
3	10.46	-87.57	1.52	87.98	0.48	44.30
5	8.58	-112.90	3.36	110.27	59.62	48.63
5	10.46	-96.17	1.36	95.71	45.99	45.82
7	8.58	-111.25	1.97	108.86	50.62	48.36
7	10.46	-90.64	0.30	90.75	38.13	44.84
9	8.58	-140.68	0.12	122.18	0.69	41.77
9	10.46	-124.81	-0.05	111.68	0.58	39.71
10	8.58	-140.87	-0.12	122.30	0.69	41.80
10	10.46	-125.66	0.05	112.26	0.58	39.82
11	8.58	-141.36	0.05	122.61	1.38	41.86
11	10.46	-125.64	-0.00	112.25	0.99	39.82
12	8.58	-140.18	-0.05	121.86	1.38	41.71
12	10.46	-124.83	0.00	111.69	0.99	39.71

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.61	1.62	1.85	0.00	4.07	4	SLD	0.47	1.26	2.39	0.00	4.07	6	SLD	0.90	2.38	1.26
0.00	4.07	8	SLD	0.79	2.10	1.43	4.07	8.58	2	SLD	0.58	1.37	2.18	4.07	8.58	4	SLD	0.38	0.91	3.31
4.07	8.58	6	SLD	0.88	2.09	1.44	4.07	8.58	8	SLD	0.77	1.82	1.64	8.58	12.35	2	SLD	0.47	1.32	2.27
8.58	12.35	4	SLD	0.30	0.86	3.50	8.58	12.35	6	SLD	0.73	2.09	1.44	8.58	12.35	8	SLD	0.65	1.84	1.63

Maschio in muratura ordinaria n. 43

Xg=10.70 <m> Yg=0.53 <m> L=1.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d _l <m>	S _{sx}	d ₂ <m>	S _{sx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	107	-0.13	102	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							115	0.13										
4.07	8.58	0.45	4.21	0.00			201	0.13	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.52				301	0.13	0.02	0.00	1.00	7.82	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-190.74	5.01	---	---	---	---	---	-630.00	27.63
							2.04	-162.57	-1.21	---	---	---	---	---	-630.00	25.47
							4.07	-122.86	-0.89	---	---	---	---	---	-630.00	21.30
3							0.00	-150.34	4.52	---	---	---	---	---	-630.00	24.33
							2.04	-130.70	-0.89	---	---	---	---	---	-630.00	22.23
							4.07	-106.83	-0.61	---	---	---	---	---	-630.00	19.24
5							0.00	-218.65	2.92	---	---	---	---	---	-630.00	29.11
							2.04	-189.43	-0.98	---	---	---	---	---	-630.00	27.54
							4.07	-135.48	-0.91	---	---	---	---	---	-630.00	22.77
7							0.00	-202.18	0.65	---	---	---	---	---	-630.00	28.32
							2.04	-180.58	-0.45	---	---	---	---	---	-630.00	26.93
							4.07	-130.27	-0.64	---	---	---	---	---	-630.00	22.18
9	-179.70	0.00	21.74	18.77	-0.00	0.02	0.00	-204.90	1.94	-0.01	0.02	0.02	0.27	0.76	-317.56	19.64

							2.04	-191.46	-0.33	---	---	0.02	0.26	0.76	-319.35	19.98
							4.07	-161.42	-0.60	---	---	0.02	0.28	0.75	-314.54	19.90
10	-181.36	0.00	21.74	18.77	-0.00	0.02	0.00	-201.62	1.44	-0.01	0.02	0.02	0.26	0.76	-319.35	19.74
							2.04	-189.81	-0.40	---	---	0.02	0.26	0.76	-319.35	20.00
							4.07	-161.88	-0.54	---	---	0.02	0.28	0.75	-314.58	19.91
11	-182.71	0.00	21.74	18.77	-0.00	0.02	0.00	-199.90	1.68	-0.01	0.02	0.02	0.26	0.76	-319.35	19.79
							2.04	-188.06	-0.38	---	---	0.02	0.26	0.76	-319.35	20.02
							4.07	-162.77	-0.59	---	---	0.02	0.28	0.75	-314.61	19.93
12	-178.35	0.00	21.74	18.77	-0.00	0.02	0.00	-206.62	1.70	-0.01	0.02	0.02	0.26	0.76	-319.35	19.58
							2.04	-193.22	-0.35	---	---	0.02	0.26	0.76	-319.35	19.94
							4.07	-160.52	-0.55	---	---	0.02	0.28	0.75	-314.51	19.88
1							4.07	-153.80	-2.23	---	---	---	---	---	-630.00	24.67
							6.33	-127.30	-1.84	---	---	---	---	---	-630.00	21.83
							8.58	-76.11	-1.54	---	---	---	---	---	-630.00	14.69
3							4.07	-121.18	-1.52	---	---	---	---	---	-630.00	21.10
							6.33	-93.36	-1.23	---	---	---	---	---	-630.00	17.34
							8.58	-51.93	-0.74	---	---	---	---	---	-630.00	10.55
5							4.07	-182.58	-1.88	---	---	---	---	---	-630.00	27.07
							6.33	-155.77	-1.55	---	---	---	---	---	-630.00	24.85
							8.58	-93.94	-1.97	---	---	---	---	---	-630.00	17.43
7							4.07	-174.64	-0.87	---	---	---	---	---	-630.00	26.48
							6.33	-146.23	-0.69	---	---	---	---	---	-630.00	23.92
							8.58	-85.05	-1.54	---	---	---	---	---	-630.00	16.10
9	-59.66	0.00	0.00	27.75	0.04	0.06	4.07	-179.70	-0.40	---	---	0.02	0.28	0.73	-307.91	20.08
							6.33	-137.37	-0.11	---	---	0.03	0.41	0.67	-281.24	19.02
							8.58	-77.10	-0.44	0.01	0.04	0.04	0.48	0.63	-265.10	13.60
10	-61.11	0.00	0.00	27.75	0.04	0.06	4.07	-181.36	-0.53	0.00	0.03	0.03	0.44	0.65	-273.87	20.08
							6.33	-138.98	-0.25	---	---	0.03	0.40	0.67	-282.15	19.10
							8.58	-78.56	-0.39	---	---	0.06	0.81	0.53	-220.57	13.79
11	-59.82	0.00	0.00	27.75	0.04	0.06	4.07	-182.71	-0.52	0.00	0.03	0.03	0.44	0.65	-273.35	20.07
							6.33	-135.71	-0.18	---	---	0.03	0.41	0.67	-281.34	18.93
							8.58	-76.20	-0.38	---	---	0.06	0.81	0.52	-219.53	13.48
12	-60.95	0.00	0.00	27.75	0.04	0.06	4.07	-178.35	-0.42	---	---	0.02	0.28	0.73	-307.91	20.08
							6.33	-140.64	-0.17	---	---	0.03	0.40	0.67	-282.06	19.18
							8.58	-79.46	-0.45	0.01	0.04	0.04	0.48	0.63	-266.04	13.90
1							8.58	-56.74	-2.36	---	---	---	---	---	-630.00	11.41
							10.46	-30.92	3.78	---	---	---	---	---	-630.00	6.56
3							8.58	-48.09	-1.46	---	---	---	---	---	-630.00	9.85
							10.46	-29.24	2.34	---	---	---	---	---	-630.00	6.22
5							8.58	-58.06	-2.13	---	---	---	---	---	-630.00	11.65
							10.46	-30.81	3.37	---	---	---	---	---	-630.00	6.53
7							8.58	-50.54	-1.03	---	---	---	---	---	-630.00	10.30
							10.46	-29.04	1.59	---	---	---	---	---	-630.00	6.18
9	0.00	0.00	0.00	8.44	0.13	0.14	8.58	-59.66	0.34	---	---	0.02	0.23	0.79	-331.18	11.18
							10.46	-48.21	0.72	-0.01	0.09	0.09	1.16	0.44	-184.96	9.38
10	0.00	0.00	0.00	8.44	0.13	0.14	8.58	-61.11	0.17	---	---	0.02	0.23	0.79	-331.18	11.40
							10.46	-48.29	0.47	-0.01	0.08	0.08	1.09	0.46	-194.91	9.40
11	0.00	0.00	0.00	8.44	0.13	0.14	8.58	-59.82	0.28	---	---	0.02	0.23	0.79	-331.18	11.20
							10.46	-48.29	0.62	-0.01	0.08	0.08	1.13	0.45	-188.98	9.40
12	0.00	0.00	0.00	8.44	0.13	0.14	8.58	-60.95	0.23	---	---	0.02	0.23	0.79	-331.18	11.37
							10.46	-48.21	0.57	-0.01	0.08	0.08	1.11	0.45	-190.90	9.38

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-190.74	0.00	64.47	24.42	42.32
1	2.04	-162.57	0.00	59.44	29.81	39.38
1	4.07	-122.86	0.00	49.70	16.17	34.81
3	0.00	-150.34	0.00	56.77	6.39	38.03
3	2.04	-130.70	0.00	51.87	3.16	35.76
3	4.07	-106.83	-0.00	44.90	3.74	32.79
5	0.00	-218.65	0.00	67.92	54.06	45.05
5	2.04	-189.43	0.00	64.27	58.95	42.19
5	4.07	-135.48	0.00	53.13	23.70	36.33
7	0.00	-202.18	0.00	66.07	48.65	43.46
7	2.04	-180.58	0.00	62.83	50.95	41.28
7	4.07	-130.27	0.00	51.76	17.72	35.71
9	0.00	-204.90	0.00	45.83	0.05	35.19
9	2.04	-191.46	0.00	46.61	0.27	34.08
9	4.07	-161.42	-0.00	46.43	0.36	31.48
10	0.00	-201.62	-0.00	46.07	0.05	34.92
10	2.04	-189.81	-0.00	46.67	0.27	33.95
10	4.07	-161.88	0.00	46.45	0.36	31.52
11	0.00	-199.90	-0.00	46.18	2.82	34.78
11	2.04	-188.06	-0.00	46.72	2.90	33.80
11	4.07	-162.77	0.00	46.49	1.25	31.60
12	0.00	-206.62	0.00	45.69	2.82	35.33
12	2.04	-193.22	0.00	46.54	2.90	34.23

12	4.07	-160.52	-0.00	46.38	1.25	31.40
1	4.07	-153.80	0.00	57.55	27.83	38.42
1	6.33	-127.30	0.00	50.94	22.21	35.35
1	8.58	-76.11	0.00	34.28	12.86	28.51
3	4.07	-121.18	-0.00	49.22	4.85	34.61
3	6.33	-93.36	-0.00	40.47	4.31	30.99
3	8.58	-51.93	0.00	24.62	3.66	24.63
5	4.07	-182.58	0.00	63.17	57.92	41.49
5	6.33	-155.77	0.00	57.99	46.89	38.63
5	8.58	-93.94	0.00	40.67	28.92	31.07
7	4.07	-174.64	0.00	61.78	51.03	40.66
7	6.33	-146.23	0.00	55.81	41.52	37.57
7	8.58	-85.05	0.00	37.56	26.16	29.82
9	4.07	-179.70	-0.00	46.85	0.09	33.09
9	6.33	-137.37	-0.00	44.37	0.07	29.22
9	8.58	-77.10	-0.00	31.73	0.15	22.61
10	4.07	-181.36	0.00	46.84	0.09	33.23
10	6.33	-138.98	0.00	44.56	0.07	29.38
10	8.58	-78.56	0.00	32.17	0.15	22.79
11	4.07	-182.71	0.00	46.83	2.57	33.35
11	6.33	-135.71	-0.00	44.16	1.74	29.06
11	8.58	-76.20	-0.00	31.46	1.08	22.50
12	4.07	-178.35	-0.00	46.86	2.57	32.97
12	6.33	-140.64	0.00	44.75	1.74	29.54
12	8.58	-79.46	0.00	32.43	1.08	22.91
1	8.58	-56.74	0.00	26.63	18.10	25.45
1	10.46	-30.92	0.00	15.30	15.95	20.68
3	8.58	-48.09	0.00	22.98	2.53	23.96
3	10.46	-29.24	0.00	14.51	0.88	20.33
5	8.58	-58.06	0.00	27.18	36.71	25.67
5	10.46	-30.81	0.00	15.25	30.31	20.66
7	8.58	-50.54	0.00	24.03	32.04	24.39
7	10.46	-29.04	0.00	14.42	25.79	20.29
9	8.58	-59.66	-0.00	26.09	0.41	20.30
9	10.46	-48.21	-0.00	21.89	0.43	18.63
10	8.58	-61.11	0.00	26.59	0.41	20.50
10	10.46	-48.29	0.00	21.92	0.43	18.64
11	8.58	-59.82	-0.00	26.14	1.33	20.32
11	10.46	-48.29	0.00	21.92	1.07	18.64
12	8.58	-60.95	0.00	26.53	1.33	20.48
12	10.46	-48.21	-0.00	21.89	1.07	18.63

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.47	1.21	2.48	0.00	4.07	4	SLD	0.31	0.79	3.78	0.00	4.07	6	SLD	0.62	1.61	1.87
0.00	4.07	8	SLD	0.52	1.34	2.24	4.07	8.58	2	SLD	0.56	1.34	2.24	4.07	8.58	4	SLD	0.34	0.80	3.73
4.07	8.58	6	SLD	0.82	1.95	1.54	4.07	8.58	8	SLD	0.69	1.65	1.82	8.58	12.35	2	SLD	0.33	0.94	3.18
8.58	12.35	4	SLD	0.24	0.67	4.48	8.58	12.35	6	SLD	0.41	1.17	2.56	8.58	12.35	8	SLD	0.34	0.96	3.11

Maschio in muratura ordinaria n. 44

Xg=10.70 <m> Yg=3.92 <m> L=3.54 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _s <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{t,d SLU} <kN/mq>	F _{t,d SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	107	-0.13	102	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							115	0.13										
4.07	8.58	0.45	4.21	0.00			201	0.13	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.52				301	0.13	0.02	0.00	1.00	7.82	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-785.78	28.92	---	---	---	---	---	-2124.00	99.85
							2.04	-653.69	4.05	---	---	---	---	---	-2124.00	93.83
							4.07	-516.39	-5.41	---	---	---	---	---	-2124.00	82.96
3							0.00	-751.89	27.23	---	---	---	---	---	-2124.00	98.72
							2.04	-605.86	2.75	---	---	---	---	---	-2124.00	90.57
							4.07	-439.14	-2.50	---	---	---	---	---	-2124.00	74.77
5							0.00	-706.55	15.70	---	---	---	---	---	-2124.00	96.76
							2.04	-657.50	3.85	---	---	---	---	---	-2124.00	94.06
							4.07	-593.86	-6.36	---	---	---	---	---	-2124.00	89.67
7							0.00	-604.76	2.69	---	---	---	---	---	-2124.00	90.49
							2.04	-612.95	2.37	---	---	---	---	---	-2124.00	91.09

							4.07	-583.00	-4.27	---	---	---	---	---	-2124.00	88.82
9	-690.41	0.00	73.28	63.95	-0.00	0.02	0.00	-896.96	12.27	-0.01	0.02	0.02	0.32	0.73	-1031.64	51.42
							2.04	-830.03	1.31	---	---	0.02	0.26	0.76	-1076.66	57.97
							4.07	-685.05	-0.98	---	---	0.02	0.28	0.75	-1063.11	66.41
10	-691.42	0.00	73.28	63.95	-0.00	0.02	0.00	-882.18	10.02	-0.01	0.02	0.02	0.29	0.74	-1053.82	53.01
							2.04	-824.05	1.26	---	---	0.02	0.26	0.76	-1076.66	58.47
							4.07	-685.81	-0.63	---	---	0.02	0.28	0.75	-1063.12	66.38
11	-684.54	0.00	73.28	63.95	-0.00	0.02	0.00	-886.95	11.22	-0.01	0.02	0.02	0.31	0.74	-1041.40	52.50
							2.04	-822.98	1.30	---	---	0.02	0.26	0.76	-1076.66	58.56
							4.07	-679.00	-0.81	---	---	0.02	0.28	0.75	-1063.01	66.59
12	-697.29	0.00	73.28	63.95	-0.00	0.02	0.00	-892.18	11.07	-0.01	0.02	0.02	0.30	0.74	-1043.87	51.94
							2.04	-831.10	1.26	---	---	0.02	0.26	0.76	-1076.66	57.87
							4.07	-691.85	-0.79	---	---	0.02	0.28	0.75	-1063.22	66.19
1							4.07	-528.37	9.16	---	---	---	---	---	-2124.00	84.09
							6.33	-534.93	-6.72	---	---	---	---	---	-2124.00	84.70
							8.58	-388.58	-6.81	---	---	---	---	---	-2124.00	68.61
3							4.07	-454.20	6.01	---	---	---	---	---	-2124.00	76.48
							6.33	-492.01	-5.61	---	---	---	---	---	-2124.00	80.53
							8.58	-366.47	-4.08	---	---	---	---	---	-2124.00	65.72
5							4.07	-603.66	7.84	---	---	---	---	---	-2124.00	90.41
							6.33	-523.65	-3.72	---	---	---	---	---	-2124.00	83.65
							8.58	-356.08	-6.54	---	---	---	---	---	-2124.00	64.32
7							4.07	-594.03	3.54	---	---	---	---	---	-2124.00	89.68
							6.33	-471.06	-0.03	---	---	---	---	---	-2124.00	78.33
							8.58	-306.11	-3.56	---	---	---	---	---	-2124.00	57.20
9	-313.94	0.00	0.00	93.18	0.03	0.05	4.07	-690.41	0.76	---	---	0.02	0.28	0.73	-1038.10	66.23
							6.33	-625.74	-0.98	---	---	0.02	0.33	0.71	-1001.15	67.60
							8.58	-445.39	-1.23	0.00	0.03	0.03	0.37	0.69	-974.94	63.13
10	-320.56	0.00	0.00	93.18	0.03	0.05	4.07	-691.42	0.94	---	---	0.02	0.28	0.73	-1038.10	66.20
							6.33	-633.25	-0.53	---	---	0.02	0.33	0.71	-1003.33	67.52
							8.58	-452.44	-1.09	0.00	0.03	0.03	0.36	0.69	-980.48	63.53
11	-315.21	0.00	0.00	93.18	0.03	0.05	4.07	-684.54	0.85	---	---	0.02	0.28	0.73	-1038.10	66.42
							6.33	-625.38	-0.77	---	---	0.02	0.33	0.71	-1001.57	67.60
							8.58	-446.65	-1.15	0.00	0.03	0.03	0.37	0.69	-977.09	63.20
12	-319.29	0.00	0.00	93.18	0.03	0.05	4.07	-697.29	0.85	---	---	0.02	0.28	0.73	-1038.10	66.00
							6.33	-633.62	-0.73	---	---	0.02	0.33	0.71	-1002.92	67.51
							8.58	-451.17	-1.17	0.00	0.03	0.03	0.36	0.69	-978.37	63.46
1							8.58	-305.71	-8.36	---	---	---	---	---	-2124.00	57.14
							10.46	-295.37	10.63	---	---	---	---	---	-2124.00	55.59
3							8.58	-284.11	-5.35	---	---	---	---	---	-2124.00	53.86
							10.46	-265.69	9.03	---	---	---	---	---	-2124.00	50.98
5							8.58	-275.78	-7.41	---	---	---	---	---	-2124.00	52.57
							10.46	-262.09	6.00	---	---	---	---	---	-2124.00	50.41
7							8.58	-228.53	-3.60	---	---	---	---	---	-2124.00	44.91
							10.46	-203.88	0.43	---	---	---	---	---	-2124.00	40.69
9	0.00	0.00	0.00	28.32	0.13	0.14	8.58	-313.94	-0.93	0.00	0.07	0.07	1.00	0.49	-700.39	52.21
							10.46	-283.65	0.04	---	---	0.07	0.96	0.51	-718.21	48.78
10	0.00	0.00	0.00	28.32	0.13	0.14	8.58	-320.56	-0.62	---	---	0.02	0.23	0.79	-1116.56	52.92
							10.46	-291.05	0.47	---	---	0.07	0.96	0.51	-718.21	49.65
11	0.00	0.00	0.00	28.32	0.13	0.14	8.58	-315.21	-0.74	---	---	0.02	0.23	0.79	-1116.56	52.35
							10.46	-284.86	0.29	---	---	0.07	0.96	0.51	-718.21	48.92
12	0.00	0.00	0.00	28.32	0.13	0.14	8.58	-319.29	-0.81	---	---	0.02	0.23	0.79	-1116.56	52.78
							10.46	-289.84	0.22	---	---	0.07	0.96	0.51	-718.21	49.51

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	Mv <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-785.78	222.37	785.49	104.30	214.60
1	2.04	-653.69	62.22	738.10	110.44	197.23
1	4.07	-516.39	56.16	652.58	107.66	177.39
3	0.00	-751.89	132.21	776.59	32.64	210.28
3	2.04	-605.86	17.86	712.50	35.72	190.56
3	4.07	-439.14	-10.82	588.21	35.56	165.18
5	0.00	-706.55	203.45	761.17	238.98	204.36
5	2.04	-657.50	85.93	739.95	254.81	197.76
5	4.07	-593.86	118.43	705.38	141.65	188.84
7	0.00	-604.76	97.07	711.86	217.48	190.40
7	2.04	-612.95	61.91	716.58	232.40	191.56
7	4.07	-583.00	104.83	698.69	98.69	187.28
9	0.00	-896.96	7.16	404.48	1.08	184.22
9	2.04	-830.03	1.27	455.99	1.41	177.54
9	4.07	-685.05	-0.94	522.40	3.34	162.13
10	0.00	-882.18	-7.16	416.99	1.08	182.77
10	2.04	-824.05	-1.27	459.95	1.41	176.93
10	4.07	-685.81	0.94	522.22	3.34	162.22
11	0.00	-886.95	7.99	413.02	12.97	183.24
11	2.04	-822.98	3.40	460.65	13.20	176.82
11	4.07	-679.00	4.76	523.83	6.04	161.46

12	0.00	-892.18	-7.99	408.59	12.97	183.75
12	2.04	-831.10	-3.40	455.27	13.20	177.65
12	4.07	-691.85	-4.76	520.67	6.04	162.89
1	4.07	-528.37	110.58	661.51	116.10	164.74
1	6.33	-534.93	101.05	666.29	111.92	165.64
1	8.58	-388.58	57.04	539.75	70.08	144.02
3	4.07	-454.20	-8.13	601.68	35.08	154.09
3	6.33	-492.01	29.30	633.53	34.12	159.60
3	8.58	-366.47	-1.66	516.98	25.01	140.46
5	4.07	-603.66	213.22	711.22	264.11	174.88
5	6.33	-523.65	139.14	658.03	255.07	164.08
5	8.58	-356.08	106.14	505.95	89.39	138.76
7	4.07	-594.03	182.48	705.48	239.81	173.61
7	6.33	-471.06	100.03	616.23	231.73	156.57
7	8.58	-306.11	89.53	449.94	60.86	130.26
9	4.07	-690.41	0.64	521.04	1.46	149.59
9	6.33	-625.74	-1.90	531.75	1.43	142.84
9	8.58	-445.39	-0.52	496.62	1.86	122.08
10	4.07	-691.42	-0.64	520.78	1.46	149.69
10	6.33	-633.25	1.90	531.14	1.43	143.64
10	8.58	-452.44	0.52	499.79	1.86	122.95
11	4.07	-684.54	8.50	522.52	11.14	148.99
11	6.33	-625.38	-5.47	531.77	10.48	142.80
11	8.58	-446.65	-4.36	497.20	2.96	122.23
12	4.07	-697.29	-8.50	519.18	11.14	150.29
12	6.33	-633.62	5.47	531.10	10.48	143.68
12	8.58	-451.17	4.36	499.23	2.96	122.80
1	8.58	-305.71	15.04	449.48	56.37	154.83
1	10.46	-295.37	37.73	437.27	54.85	152.65
3	8.58	-284.11	7.44	423.73	15.69	150.25
3	10.46	-265.69	24.89	401.06	11.31	146.23
5	8.58	-275.78	16.03	413.57	78.60	148.44
5	10.46	-262.09	30.79	396.55	116.79	145.43
7	8.58	-228.53	9.29	353.30	56.98	137.76
7	10.46	-203.88	12.01	320.11	103.73	131.84
9	8.58	-313.94	0.41	410.74	1.32	124.12
9	10.46	-283.65	-0.93	383.74	0.26	118.74
10	8.58	-320.56	-0.41	416.28	1.32	125.27
10	10.46	-291.05	0.93	390.58	0.26	120.08
11	8.58	-315.21	-0.54	411.81	2.38	124.34
11	10.46	-284.86	-1.00	384.87	4.44	118.96
12	8.58	-319.29	0.54	415.23	2.38	125.05
12	10.46	-289.84	1.00	389.47	4.44	119.86

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.65	1.68	1.78	0.00	4.07	4	SLD	0.56	1.45	2.07	0.00	4.07	6	SLD	0.58	1.50	2.00
0.00	4.07	8	SLD	0.47	1.21	2.48	4.07	8.58	2	SLD	0.86	2.04	1.47	4.07	8.58	4	SLD	0.72	1.71	1.75
4.07	8.58	6	SLD	0.79	1.88	1.60	4.07	8.58	8	SLD	0.64	1.51	1.99	8.58	12.35	2	SLD	0.48	1.37	2.19
8.58	12.35	4	SLD	0.42	1.20	2.50	8.58	12.35	6	SLD	0.42	1.20	2.49	8.58	12.35	8	SLD	0.35	1.00	2.99

Maschio in muratura ordinaria n. 45

Xg=10.70 <m> Yg=9.00 <m> L=3.31 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VKO} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	108	-0.13			0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.45	4.21	0.00	206	-0.13			0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.52		304	-0.13			0.02	0.00	1.00	7.82	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-855.33	-30.02	---	---	---	---	---	-1989.00	95.09
							2.04	-780.33	-3.99	---	---	---	---	---	-1989.00	94.54
							4.07	-440.78	-6.15	---	---	---	---	---	-1989.00	73.32
3							0.00	-820.87	-26.87	---	---	---	---	---	-1989.00	95.02
							2.04	-768.48	-3.05	---	---	---	---	---	-1989.00	94.31
							4.07	-415.33	-3.32	---	---	---	---	---	-1989.00	70.49
5							0.00	-873.36	-14.80	---	---	---	---	---	-1989.00	94.99
							2.04	-780.11	-2.78	---	---	---	---	---	-1989.00	94.53
							4.07	-457.88	-6.48	---	---	---	---	---	-1989.00	75.12
7							0.00	-854.36	1.39	---	---	---	---	---	-1989.00	95.09

							2.04	-768.06	-0.80	---	---	---	---	---	-1989.00	94.30
							4.07	-447.07	-3.91	---	---	---	---	---	-1989.00	73.99
9	-717.15	0.00	68.62	0.00	-0.01	0.03	0.00	-1166.97	0.39	---	---	0.02	0.26	0.76	-1008.23	0.00
							2.04	-1107.42	-0.68	---	---	0.02	0.26	0.76	-1008.23	4.35
							4.07	-617.50	-0.82	0.00	0.02	0.02	0.26	0.76	-1008.23	62.82
10	-715.72	0.00	68.62	0.00	-0.01	0.03	0.00	-1167.50	-2.65	0.00	0.02	0.02	0.26	0.76	-1008.23	0.00
							2.04	-1107.80	-0.07	---	---	0.02	0.26	0.76	-1008.23	4.27
							4.07	-616.69	-0.99	---	---	0.03	0.40	0.69	-909.69	62.84
11	-718.16	0.00	68.62	0.00	-0.01	0.03	0.00	-1164.26	-1.19	0.00	0.02	0.02	0.26	0.76	-1008.23	0.00
							2.04	-1107.09	-0.41	---	---	0.02	0.26	0.76	-1008.23	4.42
							4.07	-619.31	-0.95	---	---	0.03	0.40	0.69	-909.99	62.78
12	-714.71	0.00	68.62	0.00	-0.01	0.03	0.00	-1170.21	-1.07	0.00	0.02	0.02	0.26	0.76	-1008.23	0.00
							2.04	-1108.13	-0.35	---	---	0.02	0.26	0.76	-1008.23	4.20
							4.07	-614.88	-0.86	---	---	0.03	0.41	0.69	-909.56	62.87
1							4.07	-507.93	-32.15	---	---	---	---	---	-1989.00	79.95
							6.33	-465.80	21.38	---	---	---	---	---	-1989.00	75.93
							8.58	-289.37	21.54	---	---	---	---	---	-1989.00	53.96
3							4.07	-491.80	-27.88	---	---	---	---	---	-1989.00	78.47
							6.33	-366.86	17.83	---	---	---	---	---	-1989.00	64.63
							8.58	-227.86	19.61	---	---	---	---	---	-1989.00	44.36
5							4.07	-515.63	-16.90	---	---	---	---	---	-1989.00	80.63
							6.33	-547.35	13.77	---	---	---	---	---	-1989.00	83.28
							8.58	-352.09	9.84	---	---	---	---	---	-1989.00	62.72
7							4.07	-506.09	0.44	---	---	---	---	---	-1989.00	79.78
							6.33	-518.31	3.68	---	---	---	---	---	-1989.00	80.87
							8.58	-344.35	-2.13	---	---	---	---	---	-1989.00	61.70
9	-302.63	0.00	49.33	0.00	-0.02	0.04	4.07	-717.15	0.29	---	---	0.02	0.28	0.73	-972.12	58.69
							6.33	-586.86	3.21	-0.01	0.02	0.02	0.33	0.71	-938.63	63.29
							8.58	-398.26	0.27	---	---	0.04	0.52	0.62	-819.10	57.95
10	-305.16	0.00	49.33	0.00	-0.02	0.04	4.07	-715.72	-1.86	---	---	0.02	0.28	0.73	-972.12	58.78
							6.33	-585.01	4.59	-0.01	0.03	0.03	0.36	0.69	-918.03	63.31
							8.58	-399.51	1.69	---	---	0.04	0.51	0.62	-819.81	58.03
11	-306.52	0.00	49.33	0.00	-0.02	0.04	4.07	-718.16	-0.79	---	---	0.02	0.28	0.73	-972.12	58.63
							6.33	-593.84	3.93	-0.01	0.03	0.03	0.34	0.70	-929.27	63.22
							8.58	-403.65	0.94	---	---	0.04	0.51	0.62	-820.19	58.30
12	-301.27	0.00	49.33	0.00	-0.02	0.04	4.07	-714.71	-0.78	---	---	0.02	0.28	0.73	-972.12	58.84
							6.33	-578.03	3.87	-0.01	0.03	0.03	0.35	0.70	-927.40	63.36
							8.58	-394.11	1.02	---	---	0.04	0.52	0.62	-818.71	57.67
1							8.58	-238.61	-13.34	---	---	---	---	---	-1989.00	46.11
							10.46	-239.65	-16.54	---	---	---	---	---	-1989.00	46.28
3							8.58	-203.77	-12.32	---	---	---	---	---	-1989.00	40.32
							10.46	-206.27	-13.09	---	---	---	---	---	-1989.00	40.75
5							8.58	-261.41	-7.78	---	---	---	---	---	-1989.00	49.72
							10.46	-251.30	-11.28	---	---	---	---	---	-1989.00	48.14
7							8.58	-246.10	-2.00	---	---	---	---	---	-1989.00	47.31
							10.46	-227.90	-3.31	---	---	---	---	---	-1989.00	44.36
9	0.00	0.00	14.99	0.00	-0.13	0.14	8.58	-302.63	-5.30	0.02	0.09	0.09	1.19	0.43	-567.82	49.81
							10.46	-291.83	-3.28	---	---	0.07	0.96	0.51	-672.56	48.66
10	0.00	0.00	14.99	0.00	-0.13	0.14	8.58	-305.16	-4.61	0.02	0.09	0.09	1.16	0.44	-582.36	50.07
							10.46	-295.67	-2.46	---	---	0.07	0.96	0.51	-672.56	49.07
11	0.00	0.00	14.99	0.00	-0.13	0.14	8.58	-306.52	-4.98	0.02	0.09	0.09	1.17	0.43	-575.38	50.21
							10.46	-296.05	-2.86	---	---	0.07	0.96	0.51	-672.56	49.12
12	0.00	0.00	14.99	0.00	-0.13	0.14	8.58	-301.27	-4.92	0.02	0.09	0.09	1.18	0.43	-574.86	49.67
							10.46	-291.45	-2.88	---	---	0.07	0.96	0.51	-672.56	48.62

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _r <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-855.33	0.00	700.47	117.56	201.81
1	2.04	-780.33	0.00	696.42	110.32	193.37
1	4.07	-440.78	0.00	540.12	47.28	149.31
3	0.00	-820.87	0.00	699.98	0.19	197.98
3	2.04	-768.48	0.00	694.77	0.27	192.01
3	4.07	-415.33	0.00	519.29	24.10	145.48
5	0.00	-873.36	0.00	699.79	213.28	203.79
5	2.04	-780.11	0.00	696.39	200.01	193.35
5	4.07	-457.88	0.00	553.39	49.34	151.84
7	0.00	-854.36	0.00	700.48	177.95	201.71
7	2.04	-768.06	0.00	694.71	166.83	191.96
7	4.07	-447.07	0.00	545.07	27.92	150.25
9	0.00	-1166.97	-0.00	0.00	0.77	189.19
9	2.04	-1107.42	-0.00	32.05	0.76	184.46
9	4.07	-617.50	0.00	462.76	1.88	139.65
10	0.00	-1167.50	0.00	0.00	0.77	189.23
10	2.04	-1107.80	0.00	31.45	0.76	184.49
10	4.07	-616.69	-0.00	462.89	1.88	139.57
11	0.00	-1164.26	-0.00	0.00	11.28	188.97
11	2.04	-1107.09	-0.00	32.58	10.23	184.44

11	4.07	-619.31	0.00	462.47	2.01	139.85
12	0.00	-1170.21	0.00	0.00	11.28	189.44
12	2.04	-1108.13	0.00	30.92	10.23	184.52
12	4.07	-614.88	-0.00	463.17	2.01	139.38
1	4.07	-507.93	0.00	588.96	107.19	146.16
1	6.33	-465.80	0.00	559.35	105.06	140.64
1	8.58	-289.37	0.00	397.54	28.17	114.67
3	4.07	-491.80	0.00	578.03	1.76	144.07
3	6.33	-366.86	-0.00	476.12	2.73	126.73
3	8.58	-227.86	-0.00	326.78	6.62	104.11
5	4.07	-515.63	0.00	593.99	197.40	147.14
5	6.33	-547.35	0.00	613.51	186.72	151.14
5	8.58	-352.09	0.00	462.06	61.22	124.53
7	4.07	-506.09	0.00	587.74	165.77	145.92
7	6.33	-518.31	0.00	595.72	154.38	147.49
7	8.58	-344.35	0.00	454.51	54.75	123.35
9	4.07	-717.15	0.00	432.35	0.79	137.75
9	6.33	-586.86	0.00	466.24	0.74	125.35
9	8.58	-398.26	-0.00	426.86	0.49	104.83
10	4.07	-715.72	-0.00	432.99	0.79	137.63
10	6.33	-585.01	-0.00	466.37	0.74	125.17
10	8.58	-399.51	0.00	427.47	0.49	104.97
11	4.07	-718.16	0.00	431.89	8.27	137.85
11	6.33	-593.84	0.00	465.69	7.33	126.05
11	8.58	-403.65	0.00	429.44	2.27	105.47
12	4.07	-714.71	-0.00	433.44	8.27	137.53
12	6.33	-578.03	-0.00	466.73	7.33	124.47
12	8.58	-394.11	-0.00	424.82	2.27	104.33
1	8.58	-238.61	0.00	339.68	19.44	126.82
1	10.46	-239.65	0.00	340.91	52.79	127.04
3	8.58	-203.77	0.00	297.04	2.28	119.20
3	10.46	-206.27	0.00	300.18	6.30	119.77
5	8.58	-261.41	0.00	366.29	38.76	131.56
5	10.46	-251.30	0.00	354.61	86.35	129.48
7	8.58	-246.10	0.00	348.53	33.62	128.39
7	10.46	-227.90	0.00	326.82	68.62	124.53
9	8.58	-302.63	-0.00	366.92	0.37	110.87
9	10.46	-291.83	-0.00	358.47	0.56	109.11
10	8.58	-305.16	0.00	368.86	0.37	111.28
10	10.46	-295.67	0.00	361.51	0.56	109.74
11	8.58	-306.52	0.00	369.89	1.28	111.50
11	10.46	-296.05	0.00	361.81	3.13	109.80
12	8.58	-301.27	-0.00	365.88	1.28	110.65
12	10.46	-291.45	-0.00	358.16	3.13	109.05

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.58	1.51	1.99	0.00	4.07	4	SLD	0.44	1.14	2.62	0.00	4.07	6	SLD	0.64	1.66	1.81
0.00	4.07	8	SLD	0.53	1.37	2.19	4.07	8.58	2	SLD	0.98	2.33	1.29	4.07	8.58	4	SLD	0.79	1.89	1.59
4.07	8.58	6	SLD	0.81	1.92	1.56	4.07	8.58	8	SLD	0.56	1.33	2.25	8.58	12.35	2	SLD	0.18	0.50	5.98
8.58	12.35	4	SLD	0.10	0.29	10.39	8.58	12.35	6	SLD	0.40	1.13	2.65	8.58	12.35	8	SLD	0.37	1.05	2.85

Maschio in muratura ordinaria n. 46

Xg=10.70 <m> Yg=12.27 <m> L=1.19 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _d SLU <kN/mq>	F _d SLV <kN/mq>	F _{VKO} <kN/mq>	F _{td} SLU <kN/mq>	F _{td} SLV <kN/mq>
0.00	4.07	0.45	3.87	0.00	108	-0.13			0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.45	4.21	0.00	206	-0.13			0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.52		304	-0.13			0.02	0.00	1.00	7.82	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _r <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-220.29	-4.09	---	---	---	---	---	-711.00	31.50
							2.04	-233.99	-2.36	---	---	---	---	---	-711.00	32.26
							4.07	-145.81	-1.15	---	---	---	---	---	-711.00	24.89
3							0.00	-175.13	-3.46	---	---	---	---	---	-711.00	27.99
							2.04	-176.50	-2.20	---	---	---	---	---	-711.00	28.11
							4.07	-115.53	-0.66	---	---	---	---	---	-711.00	21.02
5							0.00	-256.79	-2.32	---	---	---	---	---	-711.00	33.23
							2.04	-287.65	-1.07	---	---	---	---	---	-711.00	33.92
							4.07	-175.90	-1.39	---	---	---	---	---	-711.00	28.06

7							0.00	-242.92	-0.17	---	---	---	---	---	-711.00	32.69
							2.04	-276.16	0.19	---	---	---	---	---	-711.00	33.74
							4.07	-171.42	-1.11	---	---	---	---	---	-711.00	27.63
9	-169.60	0.00	24.53	0.00	-0.02	0.04	0.00	-265.28	0.27	---	---	0.02	0.26	0.76	-360.41	20.39
							2.04	-287.89	-0.12	---	---	0.02	0.26	0.76	-360.41	18.49
							4.07	-187.75	-0.77	0.00	0.02	0.02	0.29	0.74	-352.72	22.56
10	-172.77	0.00	24.53	0.00	-0.02	0.04	0.00	-263.18	-0.26	---	---	0.02	0.26	0.76	-360.41	20.54
							2.04	-287.11	-0.28	---	---	0.02	0.26	0.76	-360.41	18.57
							4.07	-187.80	-0.72	0.00	0.02	0.02	0.28	0.75	-354.10	22.56
11	-172.51	0.00	24.53	0.00	-0.02	0.04	0.00	-267.84	0.02	---	---	0.02	0.26	0.76	-360.41	20.20
							2.04	-292.18	-0.19	---	---	0.02	0.26	0.76	-360.41	18.07
							4.07	-189.99	-0.74	0.00	0.02	0.02	0.29	0.75	-353.76	22.59
12	-169.85	0.00	24.53	0.00	-0.02	0.04	0.00	-260.62	-0.01	---	---	0.02	0.26	0.76	-360.41	20.71
							2.04	-282.81	-0.20	---	---	0.02	0.26	0.76	-360.41	18.97
							4.07	-185.56	-0.75	0.00	0.02	0.02	0.29	0.74	-353.06	22.52
1							4.07	-152.11	-1.54	---	---	---	---	---	-711.00	25.61
							6.33	-92.71	2.07	---	---	---	---	---	-711.00	17.66
							8.58	-80.11	-2.60	---	---	---	---	---	-711.00	15.64
3							4.07	-131.37	-0.98	---	---	---	---	---	-711.00	23.13
							6.33	-82.54	1.02	---	---	---	---	---	-711.00	16.03
							8.58	-74.86	-1.57	---	---	---	---	---	-711.00	14.76
5							4.07	-158.69	-1.50	---	---	---	---	---	-711.00	26.33
							6.33	-102.67	2.56	---	---	---	---	---	-711.00	19.18
							8.58	-80.10	-2.51	---	---	---	---	---	-711.00	15.63
7							4.07	-143.58	-0.91	---	---	---	---	---	-711.00	24.63
							6.33	-101.02	1.93	---	---	---	---	---	-711.00	18.93
							8.58	-74.83	-1.41	---	---	---	---	---	-711.00	14.75
9	-81.64	0.00	17.64	0.00	-0.02	0.04	4.07	-169.60	-0.33	---	---	0.02	0.28	0.73	-347.50	22.10
							6.33	-126.55	0.65	-0.01	0.03	0.03	0.36	0.69	-329.19	19.53
							8.58	-103.75	-0.41	---	---	0.04	0.58	0.60	-283.25	17.33
10	-83.65	0.00	17.64	0.00	-0.02	0.04	4.07	-172.77	-0.39	---	---	0.02	0.28	0.73	-347.50	22.20
							6.33	-126.74	0.62	-0.00	0.03	0.03	0.35	0.70	-330.53	19.55
							8.58	-104.61	-0.52	---	---	0.04	0.57	0.60	-284.15	17.43
11	-82.59	0.00	17.64	0.00	-0.02	0.04	4.07	-172.51	-0.34	---	---	0.02	0.28	0.73	-347.50	22.20
							6.33	-127.26	0.66	-0.01	0.03	0.03	0.36	0.69	-329.19	19.59
							8.58	-104.44	-0.45	---	---	0.04	0.58	0.60	-283.68	17.41
12	-82.69	0.00	17.64	0.00	-0.02	0.04	4.07	-169.85	-0.38	---	---	0.02	0.28	0.73	-347.50	22.11
							6.33	-126.03	0.60	-0.00	0.03	0.03	0.35	0.70	-330.55	19.49
							8.58	-103.92	-0.48	---	---	0.04	0.58	0.60	-283.73	17.35
1							8.58	-79.00	-2.52	---	---	---	---	---	-711.00	15.45
							10.46	-46.99	3.12	---	---	---	---	---	-711.00	9.75
3							8.58	-76.45	-1.43	---	---	---	---	---	-711.00	15.03
							10.46	-46.10	1.31	---	---	---	---	---	-711.00	9.58
5							8.58	-67.46	-2.45	---	---	---	---	---	-711.00	13.48
							10.46	-45.87	4.30	---	---	---	---	---	-711.00	9.54
7							8.58	-55.01	-1.30	---	---	---	---	---	-711.00	11.25
							10.46	-44.04	3.50	---	---	---	---	---	-711.00	9.19
9	0.00	0.00	5.36	0.00	-0.13	0.14	8.58	-81.64	-0.01	---	---	0.02	0.23	0.79	-373.76	14.65
							10.46	-66.98	1.14	-0.02	0.09	0.09	1.18	0.43	-203.98	12.56
10	0.00	0.00	5.36	0.00	-0.13	0.14	8.58	-83.65	-0.14	---	---	0.02	0.23	0.79	-373.76	14.91
							10.46	-67.17	1.14	-0.02	0.09	0.09	1.18	0.43	-203.99	12.59
11	0.00	0.00	5.36	0.00	-0.13	0.14	8.58	-82.59	-0.06	---	---	0.02	0.23	0.79	-373.76	14.77
							10.46	-67.10	1.19	-0.02	0.09	0.09	1.19	0.43	-202.63	12.58
12	0.00	0.00	5.36	0.00	-0.13	0.14	8.58	-82.69	-0.09	---	---	0.02	0.23	0.79	-373.76	14.79
							10.46	-67.05	1.10	-0.02	0.09	0.09	1.18	0.43	-205.34	12.58

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-220.29	0.00	82.95	22.42	48.27
1	2.04	-233.99	0.00	84.96	28.63	49.61
1	4.07	-145.81	0.00	65.55	29.24	40.15
3	0.00	-175.13	0.00	73.70	2.67	43.53
3	2.04	-176.50	-0.00	74.03	4.49	43.68
3	4.07	-115.53	-0.00	55.36	4.49	36.34
5	0.00	-256.79	0.00	87.50	44.78	51.78
5	2.04	-287.65	0.00	89.31	58.81	54.57
5	4.07	-175.90	0.00	73.89	59.93	43.61
7	0.00	-242.92	0.00	86.08	38.85	50.47
7	2.04	-276.16	0.00	88.86	51.56	53.55
7	4.07	-171.42	0.00	72.76	52.51	43.12
9	0.00	-265.28	-0.00	53.69	0.14	42.37
9	2.04	-287.89	-0.00	48.69	0.29	44.05
9	4.07	-187.75	0.00	59.40	0.38	36.03
10	0.00	-263.18	0.00	54.08	0.14	42.21
10	2.04	-287.11	0.00	48.89	0.29	43.99
10	4.07	-187.80	-0.00	59.41	0.38	36.03
11	0.00	-267.84	-0.00	53.20	2.51	42.57

11	2.04	-292.18	-0.00	47.57	3.07	44.36
11	4.07	-189.99	-0.00	59.49	2.70	36.22
12	0.00	-260.62	0.00	54.53	2.51	42.02
12	2.04	-282.81	0.00	49.95	3.07	43.68
12	4.07	-185.56	0.00	59.31	2.70	35.83
1	4.07	-152.11	0.00	67.44	29.82	40.90
1	6.33	-92.71	0.00	46.51	20.06	33.19
1	8.58	-80.11	0.00	41.18	15.86	31.30
3	4.07	-131.37	0.00	60.92	3.34	38.39
3	6.33	-82.54	-0.00	42.22	1.26	31.67
3	8.58	-74.86	0.00	38.86	1.91	30.49
5	4.07	-158.69	0.00	69.33	59.23	41.67
5	6.33	-102.67	0.00	50.50	38.35	34.60
5	8.58	-80.10	0.00	41.17	31.71	31.30
7	4.07	-143.58	0.00	64.86	51.29	39.89
7	6.33	-101.02	0.00	49.85	32.71	34.37
7	8.58	-74.83	0.00	38.85	27.53	30.48
9	4.07	-169.60	0.00	58.19	0.21	34.37
9	6.33	-126.55	0.00	51.43	0.07	30.08
9	8.58	-103.75	0.00	45.64	0.13	27.54
10	4.07	-172.77	-0.00	58.47	0.21	34.66
10	6.33	-126.74	-0.00	51.47	0.07	30.10
10	8.58	-104.61	-0.00	45.89	0.13	27.64
11	4.07	-172.51	-0.00	58.45	2.54	34.64
11	6.33	-127.26	-0.00	51.59	1.43	30.16
11	8.58	-104.44	-0.00	45.84	1.16	27.62
12	4.07	-169.85	0.00	58.21	2.54	34.39
12	6.33	-126.03	0.00	51.31	1.43	30.03
12	8.58	-103.92	0.00	45.69	1.16	27.56
1	8.58	-79.00	0.00	40.69	11.32	31.13
1	10.46	-46.99	0.00	25.67	5.48	25.71
3	8.58	-76.45	0.00	39.57	0.87	30.74
3	10.46	-46.10	0.00	25.23	1.37	25.54
5	8.58	-67.46	0.00	35.51	21.88	29.29
5	10.46	-45.87	0.00	25.12	7.89	25.50
7	8.58	-55.01	-0.00	29.63	18.74	27.17
7	10.46	-44.04	0.00	24.19	5.83	25.15
9	8.58	-81.64	0.00	38.57	0.10	24.83
9	10.46	-66.98	0.00	33.09	0.11	22.86
10	8.58	-83.65	-0.00	39.27	0.10	25.09
10	10.46	-67.17	-0.00	33.16	0.11	22.89
11	8.58	-82.59	0.00	38.91	0.71	24.96
11	10.46	-67.10	-0.00	33.13	0.14	22.88
12	8.58	-82.69	-0.00	38.94	0.71	24.97
12	10.46	-67.05	0.00	33.12	0.14	22.87

Verifiche deformazioni

Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.
<m>	<m>			<cm>			<m>	<m>			<cm>			<m>	<m>			<cm>		
0.00	4.07	2	SLD	0.53	1.36	2.20	0.00	4.07	4	SLD	0.30	0.78	3.85	0.00	4.07	6	SLD	0.72	1.87	1.61
0.00	4.07	8	SLD	0.60	1.56	1.93	4.07	8.58	2	SLD	0.51	1.20	2.49	4.07	8.58	4	SLD	0.28	0.67	4.49
4.07	8.58	6	SLD	0.71	1.69	1.78	4.07	8.58	8	SLD	0.58	1.37	2.19	8.58	12.35	2	SLD	0.23	0.65	4.59
8.58	12.35	4	SLD	0.12	0.35	8.65	8.58	12.35	6	SLD	0.45	1.27	2.36	8.58	12.35	8	SLD	0.41	1.16	2.59

Maschio in muratura ordinaria n. 47

Xg=14.40 <m> Yg=2.85 <m> L=5.69 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d _i	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{d SLU}	F _{d SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.45	3.87		103	-0.13	107	0.13	0.02	5.69	0.82	7.05	3200.00	888.89	1333.33	65.00	27.08	40.63
					116	-0.13												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>		<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-753.22	-31.93	---	---	---	---	---	-3414.00	125.49
							2.04	-508.81	9.12	---	---	---	---	---	-3414.00	94.41
3							0.00	-704.79	-29.10	---	---	---	---	---	-3414.00	120.06
							2.04	-474.97	7.57	---	---	---	---	---	-3414.00	89.38
5							0.00	-694.81	-15.76	---	---	---	---	---	-3414.00	118.90
							2.04	-506.85	6.11	---	---	---	---	---	-3414.00	94.12
7							0.00	-596.32	0.93	---	---	---	---	---	-3414.00	106.60
							2.04	-471.34	1.98	---	---	---	---	---	-3414.00	88.83
9	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-808.72	-6.43	0.01	0.02	0.02	0.29	0.77	-1762.19	105.90

							2.04	-647.59	1.69	---	---	0.02	0.26	0.79	-1804.50	96.93
10	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-826.00	-3.12	---	---	0.02	0.26	0.79	-1804.50	106.50
							2.04	-653.12	2.05	---	---	0.02	0.26	0.79	-1804.50	97.34
11	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-813.18	-4.62	0.01	0.02	0.02	0.26	0.79	-1797.35	106.06
							2.04	-647.31	1.90	---	---	0.02	0.26	0.79	-1804.50	96.91
12	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-821.54	-4.93	0.01	0.02	0.02	0.27	0.79	-1792.45	106.35
							2.04	-653.39	1.84	---	---	0.02	0.26	0.79	-1804.50	97.36

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-753.22	176.12	1586.70	134.28	298.61
1	2.04	-508.81	55.48	1193.75	143.98	252.48
3	0.00	-704.79	47.28	1518.14	29.34	290.06
3	2.04	-474.97	15.77	1130.12	28.73	245.41
5	0.00	-694.81	248.24	1503.44	199.46	288.26
5	2.04	-506.85	76.87	1190.13	218.00	252.08
7	0.00	-596.32	181.22	1347.90	150.37	269.91
7	2.04	-471.34	55.50	1123.15	166.19	244.64
9	0.00	-808.72	-4.47	1339.00	1.99	246.76
9	2.04	-647.59	2.49	1225.67	2.07	222.97
10	0.00	-826.00	4.47	1346.62	1.99	249.18
10	2.04	-653.12	-2.49	1230.82	2.07	223.83
11	0.00	-813.18	13.72	1341.05	12.77	247.39
11	2.04	-647.31	4.13	1225.41	12.85	222.93
12	0.00	-821.54	-13.72	1344.74	12.77	248.56
12	2.04	-653.39	-4.13	1231.08	12.85	223.88

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.48	1.23	2.44
0.00	4.07	8	SLD	0.39	0.99	3.02

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.42	1.08	2.78

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.21	2.48

Maschio in muratura ordinaria n. 48

Xg=14.40 <m> Yg=7.75 <m> L=0.81 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{Vk0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	105	-0.13	108	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					117	-0.13												
4.07	8.58	0.45	4.21	0.00	205	0.00	206	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		305	0.00	304	0.00	0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-302.04	7.05	---	---	---	---	---	-486.00	18.27
							2.04	-242.17	-1.96	---	---	---	---	---	-486.00	22.55
							4.07	-137.41	-1.41	---	---	---	---	---	-486.00	20.63
3							0.00	-266.38	6.50	---	---	---	---	---	-486.00	21.29
							2.04	-218.07	-1.77	---	---	---	---	---	-486.00	23.16
							4.07	-134.07	-0.79	---	---	---	---	---	-486.00	20.38
5							0.00	-264.00	3.85	---	---	---	---	---	-486.00	21.44
							2.04	-214.76	-1.49	---	---	---	---	---	-486.00	23.20
							4.07	-109.57	-1.68	---	---	---	---	---	-486.00	18.11
7							0.00	-195.73	0.56	---	---	---	---	---	-486.00	23.17
							2.04	-167.17	-0.90	---	---	---	---	---	-486.00	22.39
							4.07	-82.38	-1.28	---	---	---	---	---	-486.00	14.84
9	-180.12	0.00	14.10	16.77	0.00	0.02	0.00	-232.96	1.29	-0.01	0.02	0.02	0.26	0.76	-246.35	8.08
							2.04	-213.03	-1.14	---	---	0.02	0.26	0.76	-246.35	10.86
							4.07	-135.50	-0.54	---	---	0.02	0.28	0.75	-242.87	15.49
10	-185.46	0.00	14.10	16.77	0.00	0.02	0.00	-242.04	1.83	-0.01	0.02	0.02	0.26	0.76	-246.35	6.60
							2.04	-218.86	-1.24	---	---	0.02	0.26	0.76	-246.35	10.11
							4.07	-138.67	-0.53	---	---	0.02	0.28	0.75	-242.96	15.49
11	-182.53	0.00	14.10	16.77	0.00	0.02	0.00	-234.30	1.53	-0.01	0.02	0.02	0.26	0.76	-246.35	7.87
							2.04	-213.98	-1.19	---	---	0.02	0.26	0.76	-246.35	10.74
							4.07	-137.31	-0.53	---	---	0.02	0.28	0.75	-242.91	15.49
12	-183.06	0.00	14.10	16.77	0.00	0.02	0.00	-240.71	1.59	-0.01	0.02	0.02	0.26	0.76	-246.35	6.82
							2.04	-217.90	-1.19	---	---	0.02	0.26	0.76	-246.35	10.24
							4.07	-136.87	-0.54	---	---	0.02	0.28	0.75	-242.92	15.49
1							4.07	-211.99	-4.81	---	---	---	---	---	-486.00	23.22
							6.33	-125.65	0.94	---	---	---	---	---	-486.00	19.67

							8.58	-129.46	3.58	---	---	---	---	---	-486.00	20.00
3							4.07	-201.73	-4.00	---	---	---	---	---	-486.00	23.22
							6.33	-117.42	0.09	---	---	---	---	---	-486.00	18.91
							8.58	-117.86	3.12	---	---	---	---	---	-486.00	18.95
5							4.07	-166.21	-2.86	---	---	---	---	---	-486.00	22.35
							6.33	-122.31	1.58	---	---	---	---	---	-486.00	19.37
							8.58	-118.80	2.07	---	---	---	---	---	-486.00	19.04
7							4.07	-116.72	-0.38	---	---	---	---	---	-486.00	18.84
							6.33	-111.22	1.29	---	---	---	---	---	-486.00	18.29
							8.58	-98.06	0.32	---	---	---	---	---	-486.00	16.83
9	-105.69	0.00	19.49	12.05	0.00	0.02	4.07	-180.12	-0.60	---	---	0.02	0.28	0.73	-237.53	14.02
							6.33	-161.28	-0.04	---	---	0.02	0.28	0.73	-237.53	15.04
							8.58	-144.77	0.98	-0.01	0.02	0.02	0.28	0.73	-237.53	15.45
10	-103.33	0.00	19.49	12.05	0.00	0.02	4.07	-185.46	-0.29	---	---	0.02	0.28	0.73	-237.53	13.63
							6.33	-159.08	-0.03	---	---	0.02	0.28	0.73	-237.53	15.12
							8.58	-141.91	0.75	-0.01	0.02	0.02	0.28	0.73	-237.53	15.48
11	-105.92	0.00	19.49	12.05	0.00	0.02	4.07	-182.53	-0.45	---	---	0.02	0.28	0.73	-237.53	13.85
							6.33	-159.73	-0.08	---	---	0.02	0.28	0.73	-237.53	15.09
							8.58	-144.25	0.84	-0.01	0.02	0.02	0.28	0.73	-237.53	15.46
12	-103.11	0.00	19.49	12.05	0.00	0.02	4.07	-183.06	-0.44	---	---	0.02	0.28	0.73	-237.53	13.81
							6.33	-160.63	0.01	---	---	0.02	0.28	0.73	-237.53	15.06
							8.58	-142.42	0.89	-0.01	0.02	0.02	0.28	0.73	-237.53	15.47
1							8.58	-108.63	4.04	---	---	---	---	---	-486.00	18.01
							10.46	-76.04	1.79	---	---	---	---	---	-486.00	13.96
3							8.58	-90.14	3.47	---	---	---	---	---	-486.00	15.86
							10.46	-72.69	0.36	---	---	---	---	---	-486.00	13.48
5							8.58	-108.18	2.39	---	---	---	---	---	-486.00	17.97
							10.46	-61.57	2.82	---	---	---	---	---	-486.00	11.79
7							8.58	-89.31	0.42	---	---	---	---	---	-486.00	15.75
							10.46	-45.80	2.29	---	---	---	---	---	-486.00	9.16
9	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-105.69	0.84	-0.01	0.02	0.02	0.24	0.78	-251.57	14.65
							10.46	-72.81	0.07	---	---	0.02	0.24	0.78	-251.57	12.05
10	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-103.33	0.63	---	---	0.02	0.24	0.78	-251.57	14.53
							10.46	-70.52	0.09	---	---	0.02	0.24	0.78	-251.57	11.80
11	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-105.92	0.70	---	---	0.02	0.24	0.78	-251.57	14.67
							10.46	-71.96	0.03	---	---	0.02	0.24	0.78	-251.57	11.96
12	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-103.11	0.76	---	---	0.02	0.24	0.78	-251.57	14.51
							10.46	-71.36	0.12	---	---	0.02	0.24	0.78	-251.57	11.90

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-302.04	0.00	32.89	28.48	45.66
1	2.04	-242.17	0.00	40.58	32.03	41.12
1	4.07	-137.41	0.00	37.14	37.12	31.65
3	0.00	-266.38	0.00	38.32	1.02	43.02
3	2.04	-218.07	0.00	41.70	5.68	39.15
3	4.07	-134.07	0.00	36.68	34.83	31.30
5	0.00	-264.00	0.00	38.59	50.19	42.84
5	2.04	-214.76	0.00	41.76	49.58	38.87
5	4.07	-109.57	0.00	32.61	14.62	28.61
7	0.00	-195.73	0.00	41.71	41.34	37.22
7	2.04	-167.17	0.00	40.31	38.27	34.61
7	4.07	-82.38	-0.00	26.71	6.97	25.29
9	0.00	-232.96	-0.00	14.54	0.32	32.64
9	2.04	-213.03	-0.00	19.54	0.96	31.27
9	4.07	-135.50	-0.00	27.88	1.53	25.26
10	0.00	-242.04	0.00	11.87	0.32	33.25
10	2.04	-218.86	0.00	18.20	0.96	31.68
10	4.07	-138.67	0.00	27.88	1.53	25.53
11	0.00	-234.30	-0.00	14.16	2.95	32.73
11	2.04	-213.98	-0.00	19.33	2.80	31.34
11	4.07	-137.31	0.00	27.88	0.29	25.41
12	0.00	-240.71	0.00	12.28	2.95	33.16
12	2.04	-217.90	0.00	18.42	2.80	31.61
12	4.07	-136.87	-0.00	27.88	0.29	25.37
1	4.07	-211.99	0.00	41.80	33.70	38.63
1	6.33	-125.65	0.00	35.41	29.55	30.40
1	8.58	-129.46	0.00	36.00	8.31	30.81
3	4.07	-201.73	0.00	41.80	3.37	37.75
3	6.33	-117.42	0.00	34.04	12.25	29.50
3	8.58	-117.86	0.00	34.12	1.13	29.55
5	4.07	-166.21	0.00	40.23	56.11	34.52
5	6.33	-122.31	0.00	34.87	35.11	30.04
5	8.58	-118.80	0.00	34.28	13.38	29.65
7	4.07	-116.72	-0.00	33.92	44.98	29.42
7	6.33	-111.22	0.00	32.92	22.56	28.80
7	8.58	-98.06	0.00	30.29	10.55	27.26

9	4.07	-180.12	-0.00	25.24	0.54	28.87
9	6.33	-161.28	0.00	27.07	0.89	27.40
9	8.58	-144.77	0.00	27.81	0.09	26.05
10	4.07	-185.46	0.00	24.53	0.54	29.27
10	6.33	-159.08	-0.00	27.21	0.89	27.23
10	8.58	-141.91	-0.00	27.86	0.09	25.81
11	4.07	-182.53	-0.00	24.93	2.54	29.05
11	6.33	-159.73	-0.00	27.17	1.35	27.28
11	8.58	-144.25	0.00	27.82	0.65	26.00
12	4.07	-183.06	0.00	24.86	2.54	29.09
12	6.33	-160.63	0.00	27.11	1.35	27.35
12	8.58	-142.42	-0.00	27.85	0.65	25.85
1	8.58	-108.63	0.00	32.43	23.08	28.50
1	10.46	-76.04	0.00	25.13	12.15	24.45
3	8.58	-90.14	0.00	28.54	3.15	26.28
3	10.46	-72.69	0.00	24.26	1.62	24.00
5	8.58	-108.18	0.00	32.34	37.15	28.45
5	10.46	-61.57	0.00	21.22	19.61	22.42
7	8.58	-89.31	0.00	28.35	29.28	26.18
7	10.46	-45.80	-0.00	16.49	15.48	19.97
9	8.58	-105.69	0.00	26.38	0.04	22.52
9	10.46	-72.81	0.00	21.69	0.10	19.05
10	8.58	-103.33	-0.00	26.15	0.04	22.29
10	10.46	-70.52	-0.00	21.25	0.10	18.78
11	8.58	-105.92	0.00	26.40	1.50	22.54
11	10.46	-71.96	0.00	21.53	0.65	18.95
12	8.58	-103.11	-0.00	26.12	1.50	22.26
12	10.46	-71.36	-0.00	21.41	0.65	18.88

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.66	1.71	1.76	0.00	4.07	4	SLD	0.57	1.47	2.04	0.00	4.07	6	SLD	0.53	1.36	2.20
0.00	4.07	8	SLD	0.40	1.03	2.90	4.07	8.58	2	SLD	1.04	2.47	1.21	4.07	8.58	4	SLD	0.83	1.98	1.51
4.07	8.58	6	SLD	0.89	2.11	1.42	4.07	8.58	8	SLD	0.61	1.45	2.07	8.58	12.35	2	SLD	0.46	1.26	2.37
8.58	12.35	4	SLD	0.24	0.66	4.55	8.58	12.35	6	SLD	0.61	1.67	1.80	8.58	12.35	8	SLD	0.48	1.31	2.29

Maschio in muratura ordinaria n. 49

Xg=14.40 <m> Yg=11.08 <m> L=3.56 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d _i <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	105	-0.13	108	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					117	-0.13												
4.07	8.58	0.45	4.21	0.00	205	0.00	206	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		305	0.00	304	0.00	0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-634.07	18.09	---	---	---	---	---	-2136.00	92.84
							2.04	-589.37	-6.60	---	---	---	---	---	-2136.00	89.56
							4.07	-481.23	3.45	---	---	---	---	---	-2136.00	79.58
3							0.00	-544.57	16.11	---	---	---	---	---	-2136.00	85.78
							2.04	-522.67	-5.90	---	---	---	---	---	-2136.00	83.75
							4.07	-448.62	1.78	---	---	---	---	---	-2136.00	76.00
5							0.00	-679.68	10.00	---	---	---	---	---	-2136.00	95.68
							2.04	-612.25	-3.72	---	---	---	---	---	-2136.00	91.30
							4.07	-502.67	3.71	---	---	---	---	---	-2136.00	81.79
7							0.00	-629.28	1.10	---	---	---	---	---	-2136.00	92.51
							2.04	-565.16	-0.55	---	---	---	---	---	-2136.00	87.58
							4.07	-488.44	2.26	---	---	---	---	---	-2136.00	80.33
9	-557.90	0.00	62.29	73.70	0.00	0.02	0.00	-748.98	1.17	---	---	0.02	0.26	0.76	-1082.75	64.24
							2.04	-708.33	-1.88	0.00	0.01	0.02	0.26	0.76	-1082.75	66.11
							4.07	-665.84	1.07	---	---	0.02	0.29	0.75	-1062.87	67.40
10	-556.75	0.00	62.29	73.70	0.00	0.02	0.00	-757.21	2.93	-0.00	0.01	0.02	0.26	0.76	-1082.75	63.79
							2.04	-715.48	-1.47	---	---	0.02	0.26	0.76	-1082.75	65.82
							4.07	-665.97	0.55	---	---	0.02	0.29	0.75	-1062.84	67.40
11	-559.12	0.00	62.29	73.70	0.00	0.02	0.00	-761.60	1.98	-0.00	0.01	0.02	0.26	0.76	-1082.75	63.54
							2.04	-717.96	-1.69	---	---	0.02	0.26	0.76	-1082.75	65.72
							4.07	-668.48	0.90	---	---	0.02	0.29	0.75	-1062.91	67.34
12	-555.53	0.00	62.29	73.70	0.00	0.02	0.00	-744.58	2.12	-0.00	0.01	0.02	0.26	0.76	-1082.75	64.47
							2.04	-705.85	-1.66	---	---	0.02	0.26	0.76	-1082.75	66.20
							4.07	-663.33	0.72	---	---	0.02	0.29	0.75	-1062.80	67.46

1							4.07	-411.55	-5.89	---	---	---	---	---	-2136.00	71.61
							6.33	-308.37	3.34	---	---	---	---	---	-2136.00	57.60
							8.58	-265.00	-3.17	---	---	---	---	---	-2136.00	50.92
3							4.07	-389.29	-3.32	---	---	---	---	---	-2136.00	68.81
							6.33	-292.37	1.42	---	---	---	---	---	-2136.00	55.19
							8.58	-256.58	-0.85	---	---	---	---	---	-2136.00	49.57
5							4.07	-423.19	-5.69	---	---	---	---	---	-2136.00	73.02
							6.33	-321.08	3.94	---	---	---	---	---	-2136.00	59.47
							8.58	-262.31	-4.55	---	---	---	---	---	-2136.00	50.49
7							4.07	-410.90	-2.96	---	---	---	---	---	-2136.00	71.53
							6.33	-315.98	2.54	---	---	---	---	---	-2136.00	58.72
							8.58	-251.59	-3.42	---	---	---	---	---	-2136.00	48.76
9	-264.96	0.00	85.64	52.98	0.00	0.02	4.07	-557.90	-0.03	---	---	0.02	0.28	0.73	-1043.96	67.67
							6.33	-450.84	0.39	-0.00	0.01	0.02	0.28	0.73	-1043.96	63.66
							8.58	-384.96	0.26	---	---	0.02	0.28	0.73	-1043.96	59.07
10	-262.73	0.00	85.64	52.98	0.00	0.02	4.07	-556.75	-0.10	---	---	0.02	0.28	0.73	-1043.96	67.65
							6.33	-449.02	0.47	-0.00	0.01	0.02	0.28	0.73	-1043.96	63.55
							8.58	-382.89	0.14	---	---	0.02	0.28	0.73	-1043.96	58.90
11	-262.75	0.00	85.64	52.98	0.00	0.02	4.07	-559.12	-0.04	---	---	0.02	0.28	0.73	-1043.96	67.69
							6.33	-451.39	0.47	-0.00	0.01	0.02	0.28	0.73	-1043.96	63.69
							8.58	-383.70	0.25	---	---	0.02	0.28	0.73	-1043.96	58.97
12	-264.94	0.00	85.64	52.98	0.00	0.02	4.07	-555.53	-0.09	---	---	0.02	0.28	0.73	-1043.96	67.63
							6.33	-448.48	0.39	-0.00	0.01	0.02	0.28	0.73	-1043.96	63.52
							8.58	-384.14	0.15	---	---	0.02	0.28	0.73	-1043.96	59.00
1							8.58	-217.41	-4.51	---	---	---	---	---	-2136.00	43.06
							10.46	-132.66	-5.95	---	---	---	---	---	-2136.00	27.67
3							8.58	-197.54	-1.17	---	---	---	---	---	-2136.00	39.61
							10.46	-130.79	-0.70	---	---	---	---	---	-2136.00	27.31
5							8.58	-223.92	-6.50	---	---	---	---	---	-2136.00	44.17
							10.46	-132.38	-9.85	---	---	---	---	---	-2136.00	27.61
7							8.58	-209.61	-4.86	---	---	---	---	---	-2136.00	41.72
							10.46	-130.27	-7.94	---	---	---	---	---	-2136.00	27.21
9	0.00	0.00	0.00	16.10	0.00	0.02	8.58	-264.96	0.12	---	---	0.02	0.24	0.78	-1105.65	46.57
							10.46	-199.36	0.23	---	---	0.02	0.24	0.78	-1105.65	37.47
10	0.00	0.00	0.00	16.10	0.00	0.02	8.58	-262.73	-0.06	---	---	0.02	0.24	0.78	-1105.65	46.28
							10.46	-198.85	0.21	-0.00	0.01	0.02	0.24	0.78	-1105.65	37.39
11	0.00	0.00	0.00	16.10	0.00	0.02	8.58	-262.75	0.07	---	---	0.02	0.24	0.78	-1105.65	46.29
							10.46	-199.21	0.34	-0.00	0.01	0.02	0.24	0.78	-1105.65	37.45
12	0.00	0.00	0.00	16.10	0.00	0.02	8.58	-264.94	-0.02	---	---	0.02	0.24	0.78	-1105.65	46.56
							10.46	-199.00	0.10	---	---	0.02	0.24	0.78	-1105.65	37.41

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-634.07	0.00	734.48	89.60	196.22
1	2.04	-589.37	0.00	708.53	82.68	189.85
1	4.07	-481.23	0.00	629.55	90.16	173.46
3	0.00	-544.57	-0.00	678.59	37.77	183.24
3	2.04	-522.67	0.00	662.52	21.34	179.91
3	4.07	-448.62	0.00	601.23	12.35	168.20
5	0.00	-679.68	0.00	756.92	105.48	202.52
5	2.04	-612.25	0.00	722.30	117.83	193.14
5	4.07	-502.67	0.00	647.03	145.06	176.83
7	0.00	-629.28	0.00	731.89	67.27	195.55
7	2.04	-565.16	0.00	692.84	86.62	186.30
7	4.07	-488.44	0.00	635.53	114.31	174.60
9	0.00	-748.98	-0.00	508.23	2.51	170.56
9	2.04	-708.33	0.00	522.99	1.64	166.13
9	4.07	-665.84	0.00	533.22	0.42	161.37
10	0.00	-757.21	0.00	504.65	2.51	171.45
10	2.04	-715.48	-0.00	520.74	1.64	166.92
10	4.07	-665.97	0.00	533.20	0.42	161.38
11	0.00	-761.60	0.00	502.65	7.00	171.92
11	2.04	-717.96	-0.00	519.93	7.63	167.19
11	4.07	-668.48	0.00	532.74	7.71	161.67
12	0.00	-744.58	-0.00	510.06	7.00	170.09
12	2.04	-705.85	0.00	523.73	7.63	165.86
12	4.07	-663.33	-0.00	533.66	7.71	161.08
1	4.07	-411.55	0.00	566.51	108.86	148.93
1	6.33	-308.37	0.00	455.67	115.81	131.83
1	8.58	-265.00	0.00	402.85	69.51	123.94
3	4.07	-389.29	0.00	544.36	16.26	145.41
3	6.33	-292.37	0.00	436.61	25.25	128.97
3	8.58	-256.58	0.00	392.17	12.39	122.35
5	4.07	-423.19	0.00	577.70	173.09	150.74
5	6.33	-321.08	0.00	470.45	172.10	134.06
5	8.58	-262.31	0.00	399.45	107.49	123.43
7	4.07	-410.90	0.00	565.87	135.56	148.83

7	6.33	-315.98	0.00	464.56	129.78	133.17
7	8.58	-251.59	0.00	385.77	82.92	121.39
9	4.07	-557.90	0.00	535.34	0.31	136.58
9	6.33	-450.84	0.00	503.59	0.14	123.83
9	8.58	-384.96	-0.00	467.30	0.39	115.28
10	4.07	-556.75	-0.00	535.18	0.31	136.45
10	6.33	-449.02	-0.00	502.76	0.14	123.60
10	8.58	-382.89	0.00	465.95	0.39	115.00
11	4.07	-559.12	0.00	535.51	7.86	136.72
11	6.33	-451.39	-0.00	503.84	6.93	123.89
11	8.58	-383.70	0.00	466.48	4.17	115.11
12	4.07	-555.53	-0.00	535.00	7.86	136.31
12	6.33	-448.48	0.00	502.51	6.93	123.53
12	8.58	-384.14	0.00	466.76	4.17	115.17
1	8.58	-217.41	0.00	340.65	72.82	131.53
1	10.46	-132.66	0.00	218.88	53.68	110.04
3	8.58	-197.54	0.00	313.36	5.15	126.82
3	10.46	-130.79	0.00	216.04	3.72	109.52
5	8.58	-223.92	0.00	349.42	124.48	133.03
5	10.46	-132.38	0.00	218.45	91.86	109.96
7	8.58	-209.61	0.00	330.04	101.09	129.70
7	10.46	-130.27	0.00	215.25	74.64	109.38
9	8.58	-264.96	0.00	368.39	1.10	112.20
9	10.46	-199.36	0.00	296.42	0.81	99.55
10	8.58	-262.73	-0.00	366.15	1.10	111.79
10	10.46	-198.85	-0.00	295.80	0.81	99.45
11	8.58	-262.75	0.00	366.17	4.33	111.80
11	10.46	-199.21	0.00	296.23	3.06	99.52
12	8.58	-264.94	0.00	368.37	4.33	112.19
12	10.46	-199.00	-0.00	295.99	3.06	99.48

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.61	1.58	1.90	0.00	4.07	4	SLD	0.41	1.05	2.85	0.00	4.07	6	SLD	0.64	1.66	1.81
0.00	4.07	8	SLD	0.47	1.23	2.44	4.07	8.58	2	SLD	0.74	1.76	1.70	4.07	8.58	4	SLD	0.47	1.12	2.67
4.07	8.58	6	SLD	0.79	1.88	1.60	4.07	8.58	8	SLD	0.55	1.30	2.31	8.58	12.35	2	SLD	0.45	1.23	2.44
8.58	12.35	4	SLD	0.18	0.50	6.06	8.58	12.35	6	SLD	0.62	1.68	1.79	8.58	12.35	8	SLD	0.47	1.29	2.33

Maschio in muratura ordinaria n. 50

Xg=19.23 <m> Yg=0.53 <m> L=1.05 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _s <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{t,d SLU} <kN/mq>	F _{t,d SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	104	-0.13	103	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					119	-0.13	116	0.13										
4.07	8.58	0.45	4.21	0.00	203	-0.13			0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		307	-0.13			0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-168.66	-2.48	---	---	---	---	---	-630.00	26.00
							2.04	-145.42	0.86	---	---	---	---	---	-630.00	23.83
							4.07	-129.25	-1.19	---	---	---	---	---	-630.00	22.06
3							0.00	-125.67	-2.05	---	---	---	---	---	-630.00	21.64
							2.04	-112.59	0.65	---	---	---	---	---	-630.00	20.01
							4.07	-105.59	-0.93	---	---	---	---	---	-630.00	19.07
5							0.00	-202.32	-1.65	---	---	---	---	---	-630.00	28.32
							2.04	-169.65	0.75	---	---	---	---	---	-630.00	26.08
							4.07	-148.90	-0.95	---	---	---	---	---	-630.00	24.19
7							0.00	-188.17	-0.50	---	---	---	---	---	-630.00	27.46
							2.04	-157.59	0.46	---	---	---	---	---	-630.00	25.02
							4.07	-142.09	-0.49	---	---	---	---	---	-630.00	23.49
9	-191.37	0.00	18.97	18.69	-0.00	0.02	0.00	-170.38	-0.11	---	---	0.02	0.26	0.76	-319.35	20.04
							2.04	-153.30	0.38	---	---	0.02	0.26	0.76	-319.35	19.68
							4.07	-166.97	-0.48	0.00	0.01	0.02	0.26	0.76	-319.35	20.00
10	-188.65	0.00	18.97	18.69	-0.00	0.02	0.00	-169.30	-0.42	0.00	0.01	0.02	0.26	0.76	-319.35	20.03
							2.04	-152.26	0.34	---	---	0.02	0.26	0.76	-319.35	19.65
							4.07	-165.26	-0.37	---	---	0.02	0.26	0.76	-318.91	19.97
11	-192.93	0.00	18.97	18.69	-0.00	0.02	0.00	-166.30	-0.25	---	---	0.02	0.26	0.76	-319.35	19.99
							2.04	-150.21	0.36	---	---	0.02	0.26	0.76	-319.35	19.58
							4.07	-167.69	-0.42	0.00	0.01	0.02	0.26	0.76	-319.35	20.01
12	-187.09	0.00	18.97	18.69	-0.00	0.02	0.00	-173.37	-0.28	---	---	0.02	0.26	0.76	-319.35	20.06

							2.04	-155.35	0.36	---	---	0.02	0.26	0.76	-319.35	19.74
							4.07	-164.54	-0.44	0.00	0.01	0.02	0.26	0.76	-319.35	19.96
1							4.07	-166.94	-1.42	---	---	---	---	---	-630.00	25.85
							6.33	-127.62	1.88	---	---	---	---	---	-630.00	21.87
							8.58	-78.18	1.33	---	---	---	---	---	-630.00	15.02
3							4.07	-120.52	-1.10	---	---	---	---	---	-630.00	21.01
							6.33	-85.47	1.42	---	---	---	---	---	-630.00	16.16
							8.58	-47.00	0.64	---	---	---	---	---	-630.00	9.65
5							4.07	-208.14	-1.12	---	---	---	---	---	-630.00	28.63
							6.33	-166.51	1.51	---	---	---	---	---	-630.00	25.82
							8.58	-107.42	1.71	---	---	---	---	---	-630.00	19.32
7							4.07	-197.03	-0.54	---	---	---	---	---	-630.00	28.02
							6.33	-157.71	0.72	---	---	---	---	---	-630.00	25.03
							8.58	-101.31	1.33	---	---	---	---	---	-630.00	18.48
9	-71.54	0.00	0.00	0.00	0.00	0.02	4.07	-191.37	-0.25	---	---	0.02	0.28	0.73	-307.91	19.98
							6.33	-127.24	0.45	-0.00	0.01	0.02	0.28	0.73	-307.91	18.42
							8.58	-75.94	0.17	---	---	0.02	0.28	0.73	-307.91	13.45
10	-71.69	0.00	0.00	0.00	0.00	0.02	4.07	-188.65	-0.34	0.00	0.01	0.02	0.28	0.73	-307.91	20.02
							6.33	-127.66	0.31	---	---	0.02	0.28	0.73	-307.91	18.45
							8.58	-76.85	0.22	---	---	0.02	0.28	0.73	-307.91	13.57
11	-71.08	0.00	0.00	0.00	0.00	0.02	4.07	-192.93	-0.27	---	---	0.02	0.28	0.73	-307.91	19.95
							6.33	-124.66	0.38	-0.00	0.01	0.02	0.28	0.73	-307.91	18.25
							8.58	-74.42	0.16	---	---	0.02	0.28	0.73	-307.91	13.25
12	-72.16	0.00	0.00	0.00	0.00	0.02	4.07	-187.09	-0.32	---	---	0.02	0.28	0.73	-307.91	20.03
							6.33	-130.24	0.39	-0.00	0.01	0.02	0.28	0.73	-307.91	18.61
							8.58	-78.36	0.22	---	---	0.02	0.28	0.73	-307.91	13.76
1							8.58	-53.90	-2.09	---	---	---	---	---	-630.00	10.91
							10.46	-42.33	2.53	---	---	---	---	---	-630.00	8.77
3							8.58	-45.45	-1.32	---	---	---	---	---	-630.00	9.36
							10.46	-36.02	1.54	---	---	---	---	---	-630.00	7.56
5							8.58	-61.55	-1.86	---	---	---	---	---	-630.00	12.26
							10.46	-40.47	2.39	---	---	---	---	---	-630.00	8.42
7							8.58	-59.66	-0.90	---	---	---	---	---	-630.00	11.93
							10.46	-32.57	1.27	---	---	---	---	---	-630.00	6.88
9	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-71.54	-0.39	---	---	0.02	0.24	0.78	-326.10	12.87
							10.46	-43.21	0.04	---	---	0.07	0.96	0.50	-209.56	8.55
10	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-71.69	-0.50	---	---	0.02	0.24	0.78	-326.10	12.89
							10.46	-44.18	-0.10	---	---	0.07	0.96	0.50	-209.56	8.71
11	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-71.08	-0.46	---	---	0.02	0.24	0.78	-326.10	12.81
							10.46	-44.05	-0.06	---	---	0.07	0.96	0.50	-209.56	8.69
12	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-72.16	-0.43	---	---	0.02	0.24	0.78	-326.10	12.95
							10.46	-43.34	-0.00	---	---	0.07	0.96	0.50	-209.56	8.57

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-168.66	0.00	60.66	33.01	40.03
1	2.04	-145.42	0.00	55.61	38.97	37.48
1	4.07	-129.25	0.00	51.48	17.48	35.59
3	0.00	-125.67	0.00	50.49	5.03	35.15
3	2.04	-112.59	0.00	46.68	5.53	33.53
3	4.07	-105.59	0.00	44.51	3.07	32.63
5	0.00	-202.32	0.00	66.09	67.59	43.47
5	2.04	-169.65	0.00	60.85	79.19	40.14
5	4.07	-148.90	0.00	56.44	36.41	37.87
7	0.00	-188.17	0.00	64.08	59.20	42.06
7	2.04	-157.59	0.00	58.39	69.15	38.84
7	4.07	-142.09	0.00	54.80	32.09	37.09
9	0.00	-170.38	0.00	46.76	0.83	32.28
9	2.04	-153.30	0.00	45.92	1.04	30.74
9	4.07	-166.97	0.00	46.66	0.45	31.98
10	0.00	-169.30	-0.00	46.73	0.83	32.18
10	2.04	-152.26	-0.00	45.84	1.04	30.64
10	4.07	-165.26	-0.00	46.60	0.45	31.82
11	0.00	-166.30	-0.00	46.64	3.34	31.92
11	2.04	-150.21	-0.00	45.68	3.74	30.45
11	4.07	-167.69	0.00	46.68	1.84	32.04
12	0.00	-173.37	0.00	46.82	3.34	32.54
12	2.04	-155.35	0.00	46.07	3.74	30.92
12	4.07	-164.54	-0.00	46.57	1.84	31.76
1	4.07	-166.94	0.00	60.32	34.67	39.85
1	6.33	-127.62	0.00	51.03	29.02	35.39
1	8.58	-78.18	0.00	35.05	18.59	28.82
3	4.07	-120.52	-0.00	49.03	7.44	34.52
3	6.33	-85.47	-0.00	37.71	6.13	29.88
3	8.58	-47.00	-0.00	22.51	2.47	23.76
5	4.07	-208.14	0.00	66.80	74.27	44.04
5	6.33	-166.51	0.00	60.24	62.01	39.80

5	8.58	-107.42	0.00	45.08	37.52	32.87
7	4.07	-197.03	0.00	65.38	66.10	42.95
7	6.33	-157.71	0.00	58.41	55.15	38.85
7	8.58	-101.31	0.00	43.12	32.68	32.06
9	4.07	-191.37	0.00	46.61	0.61	34.08
9	6.33	-127.24	-0.00	42.99	0.52	28.22
9	8.58	-75.94	-0.00	31.39	0.46	22.46
10	4.07	-188.65	-0.00	46.70	0.61	33.85
10	6.33	-127.66	0.00	43.06	0.52	28.26
10	8.58	-76.85	0.00	31.66	0.46	22.58
11	4.07	-192.93	0.00	46.55	3.14	34.21
11	6.33	-124.66	-0.00	42.59	2.13	27.96
11	8.58	-74.42	-0.00	30.93	1.15	22.27
12	4.07	-187.09	-0.00	46.75	3.14	33.72
12	6.33	-130.24	0.00	43.43	2.13	28.52
12	8.58	-78.36	0.00	32.11	1.15	22.77
1	8.58	-53.90	0.00	25.45	23.68	24.97
1	10.46	-42.33	0.00	20.47	25.50	22.91
3	8.58	-45.45	-0.00	21.84	0.47	23.48
3	10.46	-36.02	0.00	17.64	5.55	21.70
5	8.58	-61.55	0.00	28.60	43.73	26.25
5	10.46	-40.47	0.00	19.64	37.92	22.56
7	8.58	-59.66	0.00	27.83	36.77	25.94
7	10.46	-32.57	0.00	16.06	28.60	21.01
9	8.58	-71.54	-0.00	30.03	0.68	21.90
9	10.46	-43.21	-0.00	19.94	0.87	17.85
10	8.58	-71.69	0.00	30.08	0.68	21.92
10	10.46	-44.18	0.00	20.32	0.87	18.00
11	8.58	-71.08	-0.00	29.89	1.29	21.84
11	10.46	-44.05	0.00	20.27	0.94	17.98
12	8.58	-72.16	0.00	30.23	1.29	21.98
12	10.46	-43.34	-0.00	19.99	0.94	17.87

Verifiche deformazioni

Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.	Zi	Zf	CC	TCC	δ	δ/h	Sic.
<m>	<m>			<cm>			<m>	<m>			<cm>			<m>	<m>			<cm>		
0.00	4.07	2	SLD	0.51	1.31	2.29	0.00	4.07	4	SLD	0.33	0.85	3.51	0.00	4.07	6	SLD	0.72	1.85	1.62
0.00	4.07	8	SLD	0.60	1.54	1.94	4.07	8.58	2	SLD	0.65	1.56	1.93	4.07	8.58	4	SLD	0.32	0.76	3.93
4.07	8.58	6	SLD	0.97	2.29	1.31	4.07	8.58	8	SLD	0.79	1.87	1.60	8.58	12.35	2	SLD	0.42	1.16	2.60
8.58	12.35	4	SLD	0.29	0.78	3.83	8.58	12.35	6	SLD	0.47	1.28	2.34	8.58	12.35	8	SLD	0.36	0.98	3.06

Maschio in muratura ordinaria n. 51

Xg=19.23 <m> Yg=5.76 <m> L=0.14 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VK0}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.45	3.87				106	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN _{2sx}	ΣN _{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-32.58	-0.88	---	---	---	---	---	-84.00	3.99
							2.04	-25.52	-0.16	---	---	---	---	---	-84.00	3.69
3							0.00	-18.69	-0.82	---	---	---	---	---	-84.00	3.10
							2.04	-23.77	-0.14	---	---	---	---	---	-84.00	3.57
5							0.00	-44.85	-0.49	---	---	---	---	---	-84.00	3.75
							2.04	-26.26	-0.16	---	---	---	---	---	-84.00	3.74
7							0.00	-41.48	-0.09	---	---	---	---	---	-84.00	3.91
							2.04	-25.13	-0.13	---	---	---	---	---	-84.00	3.66
9	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-33.98	-0.14	---	---	0.02	0.26	0.76	-42.58	2.19
							2.04	-33.21	-0.15	---	---	0.02	0.26	0.76	-42.58	2.26
10	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-33.03	-0.22	0.01	0.02	0.02	0.26	0.76	-42.58	2.28
							2.04	-33.23	-0.15	---	---	0.02	0.26	0.76	-42.58	2.26
11	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-34.71	-0.18	0.01	0.01	0.02	0.26	0.76	-42.58	2.12
							2.04	-33.31	-0.15	---	---	0.02	0.26	0.76	-42.58	2.25
12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-32.30	-0.19	0.01	0.02	0.02	0.26	0.76	-42.58	2.34
							2.04	-33.13	-0.15	---	---	0.02	0.26	0.76	-42.58	2.27

Verifiche per azioni nel piano

CC	Zv	N	M _v	Mu	V _{Ed}	Vu
	<m>	<kN>	<kNm>	<kNm>	<kN>	<kN>

1	0.00	-32.58	0.00	1.24	1.13	6.32
1	2.04	-25.52	0.00	1.15	1.05	5.65
3	0.00	-18.69	0.00	0.97	0.23	4.92
3	2.04	-23.77	0.00	1.11	0.53	5.47
5	0.00	-44.85	0.00	1.17	2.40	7.34
5	2.04	-26.26	0.00	1.16	1.10	5.73
7	0.00	-41.48	0.00	1.22	2.13	7.08
7	2.04	-25.13	0.00	1.14	0.62	5.61
9	0.00	-33.98	0.00	0.68	0.02	5.20
9	2.04	-33.21	0.00	0.70	0.05	5.15
10	0.00	-33.03	0.00	0.71	0.02	5.13
10	2.04	-33.23	0.00	0.70	0.05	5.15
11	0.00	-34.71	0.00	0.66	0.13	5.25
11	2.04	-33.31	0.00	0.70	0.04	5.15
12	0.00	-32.30	0.00	0.73	0.13	5.08
12	2.04	-33.13	0.00	0.71	0.04	5.14

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.65	1.67	1.79
0.00	4.07	8	SLD	0.54	1.39	2.15

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.57	1.48	2.03

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.61	1.58	1.90

Maschio in muratura ordinaria n. 52

Xg=19.23 <m> Yg=3.90 <m> L=3.59 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	104	-0.13	103	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					119	-0.13	116	0.13										
4.07	8.58	0.45	4.21	0.00	203	-0.13			0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		307	-0.13			0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-657.27	-16.35	---	---	---	---	---	-2154.00	94.80
							2.04	-614.93	-4.60	---	---	---	---	---	-2154.00	91.89
							4.07	-648.01	-5.27	---	---	---	---	---	-2154.00	94.20
3							0.00	-628.12	-14.97	---	---	---	---	---	-2154.00	92.84
							2.04	-571.88	-3.85	---	---	---	---	---	-2154.00	88.48
							4.07	-530.86	-3.66	---	---	---	---	---	-2154.00	84.81
5							0.00	-657.10	-9.40	---	---	---	---	---	-2154.00	94.79
							2.04	-653.67	-3.23	---	---	---	---	---	-2154.00	94.57
							4.07	-740.04	-5.42	---	---	---	---	---	-2154.00	99.21
7							0.00	-627.80	-2.06	---	---	---	---	---	-2154.00	92.82
							2.04	-643.84	-1.30	---	---	---	---	---	-2154.00	93.92
							4.07	-701.78	-3.93	---	---	---	---	---	-2154.00	97.38
9	-662.49	0.00	64.86	64.58	-0.00	0.02	0.00	-863.66	-2.83	---	---	0.02	0.26	0.76	-1091.87	56.83
							2.04	-834.77	-1.26	---	---	0.02	0.26	0.76	-1091.87	59.37
							4.07	-741.30	-3.07	0.00	0.01	0.02	0.26	0.76	-1091.87	65.50
10	-667.22	0.00	64.86	64.58	-0.00	0.02	0.00	-857.28	-4.48	0.01	0.01	0.02	0.26	0.76	-1091.87	57.41
							2.04	-834.41	-1.43	---	---	0.02	0.26	0.76	-1091.87	59.40
							4.07	-747.77	-2.84	---	---	0.02	0.26	0.76	-1091.44	65.17
11	-654.80	0.00	64.86	64.58	-0.00	0.02	0.00	-858.04	-3.58	0.00	0.01	0.02	0.26	0.76	-1091.87	57.35
							2.04	-830.85	-1.32	---	---	0.02	0.26	0.76	-1091.87	59.69
							4.07	-735.30	-3.01	---	---	0.02	0.26	0.76	-1091.43	65.78
12	-674.91	0.00	64.86	64.58	-0.00	0.02	0.00	-862.91	-3.72	0.00	0.01	0.02	0.26	0.76	-1091.87	56.90
							2.04	-838.33	-1.37	---	---	0.02	0.26	0.76	-1091.87	59.07
							4.07	-753.77	-2.89	---	---	0.02	0.26	0.76	-1091.45	64.86
1							4.07	-603.42	-7.66	---	---	---	---	---	-2154.00	91.02
							6.33	-445.15	-4.08	---	---	---	---	---	-2154.00	75.81
							8.58	-359.55	-5.61	---	---	---	---	---	-2154.00	65.01
3							4.07	-474.92	-5.12	---	---	---	---	---	-2154.00	79.14
							6.33	-413.50	-3.04	---	---	---	---	---	-2154.00	72.03
							8.58	-333.42	-4.63	---	---	---	---	---	-2154.00	61.36
5							4.07	-716.65	-7.79	---	---	---	---	---	-2154.00	98.13
							6.33	-448.29	-3.25	---	---	---	---	---	-2154.00	76.17
							8.58	-339.69	-3.93	---	---	---	---	---	-2154.00	62.25
7							4.07	-685.20	-5.38	---	---	---	---	---	-2154.00	96.47
							6.33	-419.32	-1.51	---	---	---	---	---	-2154.00	72.74
							8.58	-296.54	-1.51	---	---	---	---	---	-2154.00	55.92
9	-357.44	0.00	0.00	0.00	0.00	0.02	4.07	-662.49	-3.67	0.01	0.02	0.02	0.28	0.73	-1052.76	68.16
							6.33	-555.12	-0.61	---	---	0.02	0.28	0.73	-1052.76	68.10

							8.58	-408.82	-1.22	---	---	0.02	0.28	0.73	-1052.76	61.18
10	-351.51	0.00	0.00	0.00	0.00	0.02	4.07	-667.22	-3.15	0.00	0.02	0.02	0.28	0.73	-1052.76	68.06
							6.33	-550.27	-0.42	---	---	0.02	0.28	0.73	-1052.76	67.99
							8.58	-402.22	-1.53	---	---	0.02	0.28	0.73	-1052.76	60.68
11	-351.13	0.00	0.00	0.00	0.00	0.02	4.07	-654.80	-3.53	0.01	0.02	0.02	0.28	0.73	-1052.76	68.29
							6.33	-549.36	-0.51	---	---	0.02	0.28	0.73	-1052.76	67.97
							8.58	-402.84	-1.40	---	---	0.02	0.28	0.73	-1052.76	60.72
12	-357.81	0.00	0.00	0.00	0.00	0.02	4.07	-674.91	-3.29	0.00	0.02	0.02	0.28	0.73	-1052.76	67.89
							6.33	-556.02	-0.53	---	---	0.02	0.28	0.73	-1052.76	68.12
							8.58	-408.21	-1.36	---	---	0.02	0.28	0.73	-1052.76	61.13
1							8.58	-327.48	-3.64	---	---	---	---	---	-2154.00	60.50
							10.46	-218.52	7.50	---	---	---	---	---	-2154.00	43.30
3							8.58	-288.23	-2.39	---	---	---	---	---	-2154.00	54.64
							10.46	-190.15	5.90	---	---	---	---	---	-2154.00	38.34
5							8.58	-323.82	-3.43	---	---	---	---	---	-2154.00	59.97
							10.46	-232.05	4.92	---	---	---	---	---	-2154.00	45.59
7							8.58	-281.44	-2.00	---	---	---	---	---	-2154.00	53.59
							10.46	-215.27	1.12	---	---	---	---	---	-2154.00	42.74
9	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-357.44	-1.19	---	---	0.02	0.24	0.78	-1114.97	56.87
							10.46	-277.24	-0.33	---	---	0.07	0.96	0.50	-716.48	48.21
10	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-351.51	-1.29	---	---	0.02	0.24	0.78	-1114.97	56.31
							10.46	-274.79	0.11	---	---	0.07	0.96	0.50	-716.48	47.91
11	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-351.13	-1.30	---	---	0.02	0.24	0.78	-1114.97	56.28
							10.46	-273.88	-0.12	---	---	0.07	0.96	0.50	-716.48	47.80
12	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-357.81	-1.18	---	---	0.02	0.24	0.78	-1114.97	56.91
							10.46	-278.14	-0.10	---	---	0.07	0.96	0.50	-716.48	48.32

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-657.27	37.81	756.27	128.82	202.06
1	2.04	-614.93	25.92	733.07	137.69	196.05
1	4.07	-648.01	62.11	751.49	97.65	200.76
3	0.00	-628.12	-5.94	740.67	26.63	197.94
3	2.04	-571.88	0.18	705.89	28.60	189.75
3	4.07	-530.86	17.41	676.61	9.47	183.54
5	0.00	-657.10	77.70	756.18	274.42	202.03
5	2.04	-653.67	46.81	754.43	293.50	201.55
5	4.07	-740.04	86.43	791.45	191.77	213.31
7	0.00	-627.80	68.14	740.50	243.76	197.90
7	2.04	-643.84	38.98	749.29	260.78	200.17
7	4.07	-701.78	62.58	776.86	165.32	208.18
9	0.00	-863.66	1.26	453.34	1.41	184.84
9	2.04	-834.77	-0.08	473.64	1.43	181.87
9	4.07	-741.30	-0.97	522.51	2.63	171.93
10	0.00	-857.28	-1.26	458.04	1.41	184.19
10	2.04	-834.41	0.08	473.88	1.43	181.83
10	4.07	-747.77	0.97	519.95	2.63	172.63
11	0.00	-858.04	3.74	457.49	14.62	184.26
11	2.04	-830.85	2.00	476.21	15.22	181.47
11	4.07	-735.30	2.85	524.77	8.63	171.27
12	0.00	-862.91	-3.74	453.90	14.62	184.76
12	2.04	-838.33	-2.00	471.28	15.22	182.24
12	4.07	-753.77	-2.85	517.47	8.63	173.28
1	4.07	-603.42	92.05	726.16	176.11	178.69
1	6.33	-445.15	67.63	604.77	166.43	156.13
1	8.58	-359.55	60.63	518.65	83.03	142.45
3	4.07	-474.92	21.74	631.35	35.78	160.61
3	6.33	-413.50	11.73	574.60	34.68	151.21
3	8.58	-333.42	15.19	489.50	7.92	138.00
5	4.07	-716.65	134.24	782.87	374.20	193.22
5	6.33	-448.29	105.07	607.65	354.94	156.61
5	8.58	-339.69	87.11	496.62	138.83	139.08
7	4.07	-685.20	100.10	769.64	332.10	189.29
7	6.33	-419.32	81.26	580.30	315.42	152.13
7	8.58	-296.54	64.36	446.08	111.55	131.47
9	4.07	-662.49	-1.13	543.74	2.14	149.90
9	6.33	-555.12	0.75	543.27	2.13	138.03
9	8.58	-408.82	0.82	488.05	2.60	120.00
10	4.07	-667.22	1.13	542.98	2.14	150.40
10	6.33	-550.27	-0.75	542.45	2.13	137.47
10	8.58	-402.22	-0.82	484.07	2.60	119.12
11	4.07	-654.80	4.76	544.83	14.83	149.08
11	6.33	-549.36	-3.95	542.28	13.50	137.37
11	8.58	-402.84	-3.23	484.45	4.46	119.20
12	4.07	-674.91	-4.76	541.61	14.83	151.21
12	6.33	-556.02	3.95	543.41	13.50	138.14
12	8.58	-408.21	3.23	487.69	4.46	119.91

1	8.58	-327.48	38.04	482.68	72.86	157.12
1	10.46	-218.52	6.01	345.43	63.73	133.58
3	8.58	-288.23	14.58	435.93	6.05	149.07
3	10.46	-190.15	0.16	305.87	1.21	126.74
5	8.58	-323.82	46.98	478.45	123.19	156.39
5	10.46	-232.05	10.67	363.74	117.61	136.73
7	8.58	-281.44	31.20	427.54	99.51	147.63
7	10.46	-215.27	8.81	340.98	98.85	132.82
9	8.58	-357.44	0.73	453.72	2.16	129.60
9	10.46	-277.24	0.06	384.61	1.63	115.92
10	8.58	-351.51	-0.73	449.25	2.16	128.64
10	10.46	-274.79	-0.06	382.20	1.63	115.48
11	8.58	-351.13	-1.72	448.97	3.67	128.58
11	10.46	-273.88	-0.43	381.31	3.49	115.32
12	8.58	-357.81	1.72	454.00	3.67	129.66
12	10.46	-278.14	0.43	385.50	3.49	116.09

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.63	1.62	1.85	0.00	4.07	4	SLD	0.53	1.36	2.21	0.00	4.07	6	SLD	0.64	1.65	1.82
0.00	4.07	8	SLD	0.56	1.45	2.06	4.07	8.58	2	SLD	0.75	1.78	1.69	4.07	8.58	4	SLD	0.53	1.26	2.39
4.07	8.58	6	SLD	0.93	2.22	1.35	4.07	8.58	8	SLD	0.76	1.80	1.66	8.58	12.35	2	SLD	0.44	1.21	2.48
8.58	12.35	4	SLD	0.38	1.02	2.93	8.58	12.35	6	SLD	0.43	1.18	2.54	8.58	12.35	8	SLD	0.36	0.99	3.02

Maschio in muratura ordinaria n. 53

Xg=19.23 <m> Yg=7.75 <m> L=0.81 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00			105	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
							117	0.13										
4.07	8.58	0.45	4.21	0.00			205	0.13	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67				305	0.13	0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-187.50	9.19	---	---	---	---	---	-486.00	23.04
							2.04	-174.67	0.81	---	---	---	---	---	-486.00	22.68
							4.07	-132.57	-3.17	---	---	---	---	---	-486.00	20.26
3							0.00	-168.28	8.51	---	---	---	---	---	-486.00	22.44
							2.04	-167.11	0.72	---	---	---	---	---	-486.00	22.39
							4.07	-114.97	-2.57	---	---	---	---	---	-486.00	18.67
5							0.00	-196.75	4.50	---	---	---	---	---	-486.00	23.18
							2.04	-175.83	0.51	---	---	---	---	---	-486.00	22.72
							4.07	-138.19	-2.13	---	---	---	---	---	-486.00	20.69
7							0.00	-185.45	-0.19	---	---	---	---	---	-486.00	22.99
							2.04	-169.26	0.17	---	---	---	---	---	-486.00	22.48
							4.07	-125.41	-0.64	---	---	---	---	---	-486.00	19.65
9	-154.98	0.00	0.00	14.10	0.01	0.03	0.00	-227.10	2.42	-0.01	0.03	0.03	0.34	0.72	-232.70	8.96
							2.04	-233.69	0.32	---	---	0.02	0.26	0.76	-246.35	7.96
							4.07	-159.98	-0.34	---	---	0.03	0.40	0.69	-223.41	15.09
10	-151.90	0.00	0.00	14.10	0.01	0.03	0.00	-225.67	1.60	-0.01	0.02	0.02	0.29	0.74	-240.33	9.17
							2.04	-232.41	0.31	---	---	0.02	0.26	0.76	-246.35	8.16
							4.07	-157.30	-0.57	---	---	0.03	0.40	0.69	-222.98	15.18
11	-155.39	0.00	0.00	14.10	0.01	0.03	0.00	-224.55	1.98	-0.01	0.02	0.02	0.32	0.73	-236.83	9.33
							2.04	-232.31	0.31	---	---	0.02	0.26	0.76	-246.35	8.18
							4.07	-159.92	-0.51	---	---	0.03	0.40	0.69	-223.47	15.09
12	-151.49	0.00	0.00	14.10	0.01	0.03	0.00	-228.23	2.05	-0.01	0.02	0.02	0.32	0.73	-236.18	8.80
							2.04	-233.78	0.32	---	---	0.02	0.26	0.76	-246.35	7.95
							4.07	-157.36	-0.39	---	---	0.03	0.40	0.69	-222.93	15.18
1							4.07	-135.37	-3.13	---	---	---	---	---	-486.00	20.48
							6.33	-110.79	-2.86	---	---	---	---	---	-486.00	18.24
							8.58	-76.32	-0.79	---	---	---	---	---	-486.00	14.00
3							4.07	-107.95	-2.59	---	---	---	---	---	-486.00	17.94
							6.33	-99.01	-2.65	---	---	---	---	---	-486.00	16.94
							8.58	-61.48	-0.59	---	---	---	---	---	-486.00	11.77
5							4.07	-151.31	-1.80	---	---	---	---	---	-486.00	21.57
							6.33	-110.04	-1.20	---	---	---	---	---	-486.00	18.16
							8.58	-84.20	-0.79	---	---	---	---	---	-486.00	15.08
7							4.07	-137.55	-0.13	---	---	---	---	---	-486.00	20.64
							6.33	-97.60	0.44	---	---	---	---	---	-486.00	16.77
							8.58	-76.12	-0.58	---	---	---	---	---	-486.00	13.97

9	-63.33	0.00	0.00	19.49	0.03	0.05	4.07	-154.98	0.16	---	---	0.02	0.28	0.73	-237.53	15.25
							6.33	-128.22	-0.18	---	---	0.03	0.34	0.70	-228.20	15.42
							8.58	-86.64	-0.46	0.01	0.03	0.03	0.41	0.67	-216.63	13.36
10	-62.72	0.00	0.00	19.49	0.03	0.05	4.07	-151.90	-0.09	---	---	0.02	0.28	0.73	-237.53	15.33
							6.33	-129.34	-0.02	---	---	0.03	0.34	0.70	-227.96	15.43
							8.58	-87.11	-0.43	0.00	0.03	0.03	0.40	0.67	-217.31	13.40
11	-63.66	0.00	0.00	19.49	0.03	0.05	4.07	-155.39	-0.02	---	---	0.02	0.28	0.73	-237.53	15.24
							6.33	-129.79	-0.10	---	---	0.03	0.34	0.70	-228.32	15.44
							8.58	-87.78	-0.44	0.00	0.03	0.03	0.40	0.67	-217.48	13.46
12	-62.39	0.00	0.00	19.49	0.03	0.05	4.07	-151.49	0.09	---	---	0.02	0.28	0.73	-237.53	15.34
							6.33	-127.77	-0.10	---	---	0.03	0.34	0.70	-227.83	15.41
							8.58	-85.97	-0.45	0.01	0.03	0.03	0.41	0.67	-216.46	13.30
1							8.58	-56.23	0.46	---	---	---	---	---	-486.00	10.93
							10.46	-57.37	3.51	---	---	---	---	---	-486.00	11.12
3							8.58	-42.76	0.26	---	---	---	---	---	-486.00	8.63
							10.46	-53.01	2.50	---	---	---	---	---	-486.00	10.40
5							8.58	-67.75	0.47	---	---	---	---	---	-486.00	12.74
							10.46	-57.29	2.62	---	---	---	---	---	-486.00	11.10
7							8.58	-64.15	0.27	---	---	---	---	---	-486.00	12.19
							10.46	-52.87	0.83	---	---	---	---	---	-486.00	10.37
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-63.33	0.18	---	---	0.02	0.24	0.78	-251.57	10.97
							10.46	-67.74	0.02	---	---	0.02	0.24	0.78	-251.57	11.49
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-62.72	0.17	---	---	0.02	0.24	0.78	-251.57	10.90
							10.46	-68.11	0.12	---	---	0.02	0.24	0.78	-251.57	11.53
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-63.66	0.16	---	---	0.02	0.24	0.78	-251.57	11.01
							10.46	-67.80	0.01	---	---	0.02	0.24	0.78	-251.57	11.50
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-62.39	0.18	---	---	0.02	0.24	0.78	-251.57	10.86
							10.46	-68.05	0.13	---	---	0.02	0.24	0.78	-251.57	11.53

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-187.50	0.00	41.47	28.38	36.49
1	2.04	-174.67	0.00	40.83	23.77	35.31
1	4.07	-132.57	0.00	36.46	46.11	31.14
3	0.00	-168.28	0.00	40.39	4.06	34.71
3	2.04	-167.11	0.00	40.30	4.96	34.60
3	4.07	-114.97	0.00	33.60	41.86	29.22
5	0.00	-196.75	0.00	41.73	57.71	37.31
5	2.04	-175.83	0.00	40.90	50.70	35.42
5	4.07	-138.19	0.00	37.24	20.28	31.73
7	0.00	-185.45	0.00	41.39	50.42	36.30
7	2.04	-169.26	0.00	40.46	45.06	34.80
7	4.07	-125.41	0.00	35.37	6.11	30.38
9	0.00	-227.10	0.00	16.13	0.22	32.24
9	2.04	-233.69	0.00	14.34	0.35	32.69
9	4.07	-159.98	0.00	27.15	1.99	27.30
10	0.00	-225.67	-0.00	16.50	0.22	32.15
10	2.04	-232.41	-0.00	14.69	0.35	32.60
10	4.07	-157.30	-0.00	27.32	1.99	27.08
11	0.00	-224.55	-0.00	16.79	3.07	32.07
11	2.04	-232.31	-0.00	14.72	2.70	32.60
11	4.07	-159.92	0.00	27.16	0.08	27.29
12	0.00	-228.23	0.00	15.83	3.07	32.32
12	2.04	-233.78	0.00	14.31	2.70	32.70
12	4.07	-157.36	-0.00	27.32	0.08	27.09
1	4.07	-135.37	0.00	36.86	48.00	31.44
1	6.33	-110.79	0.00	32.84	46.55	28.75
1	8.58	-76.32	0.00	25.20	49.51	24.49
3	4.07	-107.95	0.00	32.29	12.77	28.42
3	6.33	-99.01	0.00	30.49	10.53	27.37
3	8.58	-61.48	0.00	21.19	41.79	22.41
5	4.07	-151.31	0.00	38.83	67.83	33.06
5	6.33	-110.04	0.00	32.69	68.60	28.66
5	8.58	-84.20	0.00	27.15	26.57	25.53
7	4.07	-137.55	0.00	37.16	49.60	31.67
7	6.33	-97.60	0.00	30.19	51.47	27.20
7	8.58	-76.12	0.00	25.15	0.82	24.46
9	4.07	-154.98	0.00	27.44	1.75	26.89
9	6.33	-128.22	-0.00	27.75	1.62	24.61
9	8.58	-86.64	-0.00	24.05	1.65	20.58
10	4.07	-151.90	-0.00	27.59	1.75	26.64
10	6.33	-129.34	0.00	27.78	1.62	24.71
10	8.58	-87.11	0.00	24.12	1.65	20.63
11	4.07	-155.39	0.00	27.42	2.32	26.93
11	6.33	-129.79	0.00	27.79	2.09	24.75
11	8.58	-87.78	0.00	24.22	0.67	20.70
12	4.07	-151.49	-0.00	27.60	2.32	26.61

12	6.33	-127.77	-0.00	27.74	2.09	24.57
12	8.58	-85.97	-0.00	23.95	0.67	20.51
1	8.58	-56.23	0.00	19.67	19.99	21.62
1	10.46	-57.37	0.00	20.01	10.31	21.79
3	8.58	-42.76	-0.00	15.53	15.96	19.46
3	10.46	-53.01	0.00	18.71	1.13	21.13
5	8.58	-67.75	0.00	22.94	12.11	23.31
5	10.46	-57.29	0.00	19.99	20.44	21.78
7	8.58	-64.15	0.00	21.95	1.32	22.80
7	10.46	-52.87	0.00	18.67	17.69	21.10
9	8.58	-63.33	0.00	19.75	0.69	17.92
9	10.46	-67.74	-0.00	20.69	0.09	18.45
10	8.58	-62.72	-0.00	19.62	0.69	17.85
10	10.46	-68.11	0.00	20.76	0.09	18.50
11	8.58	-63.66	0.00	19.82	0.23	17.96
11	10.46	-67.80	-0.00	20.70	0.56	18.46
12	8.58	-62.39	-0.00	19.54	0.23	17.81
12	10.46	-68.05	0.00	20.75	0.56	18.49

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.68	1.77	1.70	0.00	4.07	4	SLD	0.59	1.52	1.97	0.00	4.07	6	SLD	0.61	1.58	1.90
0.00	4.07	8	SLD	0.49	1.27	2.36	4.07	8.58	2	SLD	0.90	2.13	1.41	4.07	8.58	4	SLD	0.64	1.51	1.99
4.07	8.58	6	SLD	1.04	2.47	1.21	4.07	8.58	8	SLD	0.82	1.95	1.54	8.58	12.35	2	SLD	0.41	1.11	2.70
8.58	12.35	4	SLD	0.32	0.87	3.45	8.58	12.35	6	SLD	0.43	1.16	2.58	8.58	12.35	8	SLD	0.35	0.94	3.19

Maschio in muratura ordinaria n. 54

Xg=19.23 <m> Yg=7.09 <m> L=0.49 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00			106	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
4.07	8.58	0.45	4.21						0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-158.67	5.42	---	---	---	---	---	-294.00	13.03
							2.04	-131.63	0.47	---	---	---	---	---	-294.00	14.02
							4.07	-73.24	-1.15	---	---	---	---	---	-294.00	11.65
3							0.00	-111.00	4.99	---	---	---	---	---	-294.00	13.88
							2.04	-116.14	0.38	---	---	---	---	---	-294.00	13.99
							4.07	-68.82	-1.01	---	---	---	---	---	-294.00	11.22
5							0.00	-197.75	2.58	---	---	---	---	---	-294.00	9.29
							2.04	-138.25	0.46	---	---	---	---	---	-294.00	13.90
							4.07	-59.01	-0.59	---	---	---	---	---	-294.00	10.14
7							0.00	-183.57	-0.30	---	---	---	---	---	-294.00	10.96
							2.04	-128.46	0.35	---	---	---	---	---	-294.00	14.05
							4.07	-42.39	0.03	---	---	---	---	---	-294.00	7.92
9	-97.27	0.00	0.00	0.00	0.00	0.02	0.00	-149.79	1.19	-0.01	0.02	0.02	0.26	0.76	-149.03	3.40
							2.04	-155.19	0.37	---	---	0.02	0.26	0.76	-149.03	2.39
							4.07	-66.57	0.03	---	---	0.02	0.26	0.76	-149.03	8.99
10	-93.06	0.00	0.00	0.00	0.00	0.02	0.00	-149.16	0.69	-0.00	0.01	0.02	0.26	0.76	-149.03	3.51
							2.04	-153.90	0.37	---	---	0.02	0.26	0.76	-149.03	2.64
							4.07	-64.15	-0.06	---	---	0.02	0.26	0.76	-149.03	8.88
11	-92.15	0.00	0.00	0.00	0.00	0.02	0.00	-145.10	0.91	-0.01	0.02	0.02	0.26	0.76	-149.03	4.21
							2.04	-153.23	0.36	---	---	0.02	0.26	0.76	-149.03	2.77
							4.07	-65.32	-0.01	---	---	0.02	0.26	0.76	-149.03	8.93
12	-98.18	0.00	0.00	0.00	0.00	0.02	0.00	-153.85	0.96	-0.01	0.02	0.02	0.26	0.76	-149.03	2.65
							2.04	-155.85	0.38	---	---	0.02	0.26	0.76	-149.03	2.26
							4.07	-65.41	-0.03	---	---	0.02	0.26	0.76	-149.03	8.94
1							4.07	-153.35	-2.51	---	---	---	---	---	-294.00	13.33
							6.33	-139.52	2.04	---	---	---	---	---	-294.00	13.87
3							4.07	-111.08	-2.23	---	---	---	---	---	-294.00	13.88
							6.33	-84.34	1.77	---	---	---	---	---	-294.00	12.57
5							4.07	-158.50	-1.34	---	---	---	---	---	-294.00	13.04
							6.33	-160.98	1.07	---	---	---	---	---	-294.00	12.89
7							4.07	-120.66	-0.07	---	---	---	---	---	-294.00	14.04
							6.33	-124.20	-0.03	---	---	---	---	---	-294.00	14.06
9	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-97.27	-0.10	0.00	0.01	0.02	0.28	0.73	-143.69	9.11
							6.33	-84.36	-0.08	---	---	0.02	0.28	0.73	-143.69	9.37

10	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-93.06	-0.28	0.00	0.01	0.02	0.28	0.73	-143.69	9.24
							6.33	-87.47	0.05	---	---	0.02	0.28	0.73	-143.69	9.35
11	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-92.15	-0.18	0.00	0.01	0.02	0.28	0.73	-143.69	9.27
							6.33	-89.95	-0.00	---	---	0.02	0.28	0.73	-143.69	9.31
12	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-98.18	-0.21	0.00	0.01	0.02	0.28	0.73	-143.69	9.07
							6.33	-81.88	-0.03	---	---	0.02	0.28	0.73	-143.69	9.37

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-158.67	0.00	14.19	12.82	25.83
1	2.04	-131.63	0.00	15.26	4.18	23.66
1	4.07	-73.24	0.00	12.69	7.84	18.09
3	0.00	-111.00	0.00	15.12	1.65	21.85
3	2.04	-116.14	0.00	15.23	0.27	22.32
3	4.07	-68.82	-0.00	12.22	2.93	17.60
5	0.00	-197.75	0.00	10.11	25.80	28.69
5	2.04	-138.25	0.00	15.13	7.20	24.21
5	4.07	-59.01	0.00	11.04	9.80	16.45
7	0.00	-183.57	0.00	11.94	22.45	27.69
7	2.04	-128.46	-0.00	15.29	5.86	23.39
7	4.07	-42.39	0.00	8.62	6.57	14.30
9	0.00	-149.79	0.00	3.70	0.05	20.33
9	2.04	-155.19	0.00	2.60	0.14	20.68
9	4.07	-66.57	0.00	9.79	0.12	13.88
10	0.00	-149.16	0.00	3.82	0.05	20.29
10	2.04	-153.90	0.00	2.88	0.14	20.60
10	4.07	-64.15	0.00	9.67	0.12	13.64
11	0.00	-145.10	0.00	4.59	1.37	20.02
11	2.04	-153.23	0.00	3.01	0.38	20.56
11	4.07	-65.32	0.00	9.73	0.36	13.76
12	0.00	-153.85	0.00	2.88	1.37	20.60
12	2.04	-155.85	0.00	2.46	0.38	20.72
12	4.07	-65.41	0.00	9.73	0.36	13.76
1	4.07	-153.35	0.00	14.52	29.10	25.42
1	6.33	-139.52	0.00	15.10	25.45	24.31
3	4.07	-111.08	-0.00	15.12	7.62	21.86
3	6.33	-84.34	-0.00	13.69	9.27	19.27
5	4.07	-158.50	0.00	14.20	41.32	25.82
5	6.33	-160.98	0.00	14.03	32.16	26.01
7	4.07	-120.66	0.00	15.29	30.30	22.72
7	6.33	-124.20	0.00	15.31	21.75	23.02
9	4.07	-97.27	0.00	9.92	0.49	16.55
9	6.33	-84.36	0.00	10.20	0.44	15.48
10	4.07	-93.06	-0.00	10.06	0.49	16.21
10	6.33	-87.47	0.00	10.18	0.44	15.75
11	4.07	-92.15	0.00	10.09	1.69	16.14
11	6.33	-89.95	0.00	10.14	1.14	15.96
12	4.07	-98.18	0.00	9.88	1.69	16.63
12	6.33	-81.88	0.00	10.20	1.14	15.27

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.68	1.74	1.72	0.00	4.07	4	SLD	0.59	1.54	1.95	0.00	4.07	6	SLD	0.60	1.54	1.94
0.00	4.07	8	SLD	0.50	1.29	2.33	4.07	8.58	2	SLD	0.91	2.17	1.39	4.07	8.58	4	SLD	0.67	1.59	1.88
4.07	8.58	6	SLD	1.03	2.44	1.23	4.07	8.58	8	SLD	0.82	1.95	1.54							

Maschio in muratura ordinaria n. 55

Xg=19.23 <m> Yg=12.13 <m> L=1.45 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ax}	d ₂ <m>	S _{ax}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{Vk0} <kN/mq>	F _{td SLU} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.45	3.87	0.00	111	-0.13	105	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					118	-0.13	117	0.13										
4.07	8.58	0.45	4.21	0.00	204	0.00	205	0.00	0.02	0.00	1.00	9.36	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.45	3.67		306	0.00	305	0.00	0.02	0.00	1.00	8.16	3200.00	888.89	1333.33	65.00	27.08	40.63

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-225.31	-3.88	---	---	---	---	---	-872.00	35.28
							2.04	-201.88	0.79	---	---	---	---	---	-872.00	33.05

							4.07	-250.11	-1.96	---	---	---	---	---	-872.00	37.29
3							0.00	-181.92	-2.89	---	---	---	---	---	-872.00	30.89
							2.04	-174.33	0.54	---	---	---	---	---	-872.00	30.00
							4.07	-223.87	-1.42	---	---	---	---	---	-872.00	35.16
5							0.00	-261.35	-2.67	---	---	---	---	---	-872.00	38.07
							2.04	-215.66	0.75	---	---	---	---	---	-872.00	34.40
							4.07	-242.53	-1.74	---	---	---	---	---	-872.00	36.71
7							0.00	-248.85	-0.65	---	---	---	---	---	-872.00	37.19
							2.04	-199.91	0.47	---	---	---	---	---	-872.00	32.85
							4.07	-209.78	-1.02	---	---	---	---	---	-872.00	33.84
9	-276.42	0.00	21.73	25.37	0.00	0.02	0.00	-275.75	0.55	---	---	0.02	0.26	0.76	-442.02	27.42
							2.04	-242.93	0.24	---	---	0.02	0.26	0.76	-442.02	27.79
							4.07	-261.23	-0.90	0.00	0.01	0.02	0.26	0.76	-442.02	27.70
10	-271.50	0.00	21.73	25.37	0.00	0.02	0.00	-273.02	0.06	---	---	0.02	0.26	0.76	-442.02	27.49
							2.04	-239.82	0.25	---	---	0.02	0.26	0.76	-442.02	27.77
							4.07	-257.84	-0.72	0.00	0.01	0.02	0.26	0.76	-442.02	27.74
11	-271.51	0.00	21.73	25.37	0.00	0.02	0.00	-278.13	0.30	---	---	0.02	0.26	0.76	-442.02	27.36
							2.04	-243.64	0.24	---	---	0.02	0.26	0.76	-442.02	27.79
							4.07	-257.93	-0.82	0.00	0.01	0.02	0.26	0.76	-442.02	27.74
12	-276.40	0.00	21.73	25.37	0.00	0.02	0.00	-270.64	0.30	---	---	0.02	0.26	0.76	-442.02	27.54
							2.04	-239.12	0.25	---	---	0.02	0.26	0.76	-442.02	27.77
							4.07	-261.14	-0.80	0.00	0.01	0.02	0.26	0.76	-442.02	27.70
1							4.07	-299.38	-2.00	---	---	---	---	---	-872.00	40.15
							6.33	-241.85	3.81	---	---	---	---	---	-872.00	36.66
							8.58	-163.15	1.68	---	---	---	---	---	-872.00	28.63
3							4.07	-257.43	-1.19	---	---	---	---	---	-872.00	37.80
							6.33	-178.72	3.17	---	---	---	---	---	-872.00	30.52
							8.58	-118.05	1.03	---	---	---	---	---	-872.00	22.33
5							4.07	-292.55	-2.15	---	---	---	---	---	-872.00	39.84
							6.33	-280.95	2.40	---	---	---	---	---	-872.00	39.25
							8.58	-188.97	1.52	---	---	---	---	---	-872.00	31.68
7							4.07	-244.75	-1.47	---	---	---	---	---	-872.00	36.88
							6.33	-251.32	0.56	---	---	---	---	---	-872.00	37.37
							8.58	-165.99	0.73	---	---	---	---	---	-872.00	28.98
9	-81.39	0.00	37.82	34.96	0.00	0.02	4.07	-276.42	-0.66	0.00	0.01	0.02	0.28	0.73	-426.19	27.40
							6.33	-262.38	0.64	---	---	0.02	0.28	0.73	-426.19	27.69
							8.58	-171.67	-0.09	---	---	0.02	0.28	0.73	-426.19	25.21
10	-81.84	0.00	37.82	34.96	0.00	0.02	4.07	-271.50	-0.64	0.00	0.01	0.02	0.28	0.73	-426.19	27.52
							6.33	-263.98	0.40	---	---	0.02	0.28	0.73	-426.19	27.66
							8.58	-172.99	-0.06	---	---	0.02	0.28	0.73	-426.19	25.30
11	-83.45	0.00	37.82	34.96	0.00	0.02	4.07	-271.51	-0.68	0.00	0.01	0.02	0.28	0.73	-426.19	27.52
							6.33	-267.56	0.53	---	---	0.02	0.28	0.73	-426.19	27.60
							8.58	-175.29	-0.07	---	---	0.02	0.28	0.73	-426.19	25.45
12	-79.78	0.00	37.82	34.96	0.00	0.02	4.07	-276.40	-0.63	0.00	0.01	0.02	0.28	0.73	-426.19	27.40
							6.33	-258.80	0.51	---	---	0.02	0.28	0.73	-426.19	27.73
							8.58	-169.37	-0.07	---	---	0.02	0.28	0.73	-426.19	25.05
1							8.58	-89.10	2.77	---	---	---	---	---	-872.00	17.64
							10.46	-52.64	4.92	---	---	---	---	---	-872.00	11.00
3							8.58	-60.63	2.04	---	---	---	---	---	-872.00	12.53
							10.46	-43.28	3.91	---	---	---	---	---	-872.00	9.17
5							8.58	-108.32	1.97	---	---	---	---	---	-872.00	20.81
							10.46	-52.05	3.31	---	---	---	---	---	-872.00	10.89
7							8.58	-96.32	0.56	---	---	---	---	---	-872.00	18.86
							10.46	-42.19	0.92	---	---	---	---	---	-872.00	8.95
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-81.39	0.02	---	---	0.02	0.24	0.78	-451.37	15.30
							10.46	-47.26	0.46	-0.01	0.02	0.02	0.25	0.77	-449.49	9.62
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-81.84	-0.02	---	---	0.02	0.24	0.78	-451.37	15.36
							10.46	-48.21	0.22	-0.00	0.01	0.02	0.24	0.78	-451.37	9.79
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-83.45	-0.01	---	---	0.02	0.24	0.78	-451.37	15.60
							10.46	-48.02	0.33	-0.01	0.02	0.02	0.24	0.78	-451.37	9.75
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-79.78	0.01	---	---	0.02	0.24	0.78	-451.37	15.05
							10.46	-47.45	0.34	-0.01	0.02	0.02	0.24	0.78	-451.37	9.65

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-225.31	0.00	113.95	43.46	54.54
1	2.04	-201.88	0.00	106.75	47.44	51.94
1	4.07	-250.11	0.00	120.42	34.54	57.16
3	0.00	-181.92	-0.00	99.75	13.73	49.62
3	2.04	-174.33	0.00	96.89	18.35	48.71
3	4.07	-223.87	0.00	113.54	11.12	54.38
5	0.00	-261.35	0.00	122.95	58.14	58.31
5	2.04	-215.66	0.00	111.11	58.36	53.48
5	4.07	-242.53	0.00	118.57	45.88	56.37
7	0.00	-248.85	0.00	120.12	40.99	57.03
7	2.04	-199.91	0.00	106.09	38.63	51.71
7	4.07	-209.78	0.00	109.30	32.18	52.83

9	0.00	-275.75	-0.00	88.56	0.64	48.06
9	2.04	-242.93	-0.00	89.74	0.88	45.30
9	4.07	-261.23	-0.00	89.47	0.54	46.86
10	0.00	-273.02	0.00	88.78	0.64	47.84
10	2.04	-239.82	0.00	89.69	0.88	45.03
10	4.07	-257.84	0.00	89.60	0.54	46.57
11	0.00	-278.13	-0.00	88.35	3.01	48.26
11	2.04	-243.64	-0.00	89.75	2.93	45.36
11	4.07	-257.93	0.00	89.59	2.21	46.58
12	0.00	-270.64	0.00	88.95	3.01	47.64
12	2.04	-239.12	0.00	89.67	2.93	44.96
12	4.07	-261.14	-0.00	89.48	2.21	46.85
1	4.07	-299.38	0.00	129.68	88.55	62.04
1	6.33	-241.85	0.00	118.40	78.17	56.30
1	8.58	-163.15	0.00	92.46	9.10	47.33
3	4.07	-257.43	0.00	122.09	29.96	57.91
3	6.33	-178.72	0.00	98.56	29.90	49.24
3	8.58	-118.05	0.00	72.12	3.89	41.32
5	4.07	-292.55	0.00	128.68	115.42	61.39
5	6.33	-280.95	0.00	126.77	96.65	60.26
5	8.58	-188.97	0.00	102.31	10.63	50.45
7	4.07	-244.75	0.00	119.12	79.87	56.60
7	6.33	-251.32	0.00	120.70	64.23	57.28
7	8.58	-165.99	0.00	93.61	6.73	47.68
9	4.07	-276.42	-0.00	88.50	1.34	48.12
9	6.33	-262.38	0.00	89.42	1.29	46.96
9	8.58	-171.67	0.00	81.41	0.13	38.61
10	4.07	-271.50	0.00	88.89	1.34	47.72
10	6.33	-263.98	-0.00	89.35	1.29	47.09
10	8.58	-172.99	-0.00	81.70	0.13	38.75
11	4.07	-271.51	0.00	88.89	4.31	47.72
11	6.33	-267.56	-0.00	89.15	2.85	47.39
11	8.58	-175.29	-0.00	82.19	0.08	38.98
12	4.07	-276.40	-0.00	88.50	4.31	48.12
12	6.33	-258.80	0.00	89.57	2.85	46.66
12	8.58	-169.37	0.00	80.89	0.08	38.38
1	8.58	-89.10	0.00	56.96	11.43	36.96
1	10.46	-52.64	0.00	35.54	20.70	30.58
3	8.58	-60.63	0.00	40.45	4.72	32.09
3	10.46	-43.28	0.00	29.61	10.68	28.72
5	8.58	-108.32	0.00	67.21	13.61	39.91
5	10.46	-52.05	0.00	35.17	21.40	30.47
7	8.58	-96.32	0.00	60.90	8.77	38.09
7	10.46	-42.19	0.00	28.91	11.99	28.49
9	8.58	-81.39	0.00	49.40	0.17	27.93
9	10.46	-47.26	0.00	31.06	0.35	22.62
10	8.58	-81.84	-0.00	49.62	0.17	27.99
10	10.46	-48.21	-0.00	31.61	0.35	22.78
11	8.58	-83.45	-0.00	50.40	0.43	28.22
11	10.46	-48.02	-0.00	31.50	0.23	22.75
12	8.58	-79.78	0.00	48.62	0.43	27.70
12	10.46	-47.45	0.00	31.17	0.23	22.65

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.51	1.32	2.27	0.00	4.07	4	SLD	0.26	0.67	4.48	0.00	4.07	6	SLD	0.71	1.82	1.65
0.00	4.07	8	SLD	0.58	1.51	1.99	4.07	8.58	2	SLD	0.70	1.67	1.80	4.07	8.58	4	SLD	0.25	0.59	5.07
4.07	8.58	6	SLD	1.07	2.55	1.18	4.07	8.58	8	SLD	0.87	2.06	1.46	8.58	12.35	2	SLD	0.36	0.98	3.07
8.58	12.35	4	SLD	0.23	0.62	4.84	8.58	12.35	6	SLD	0.50	1.37	2.19	8.58	12.35	8	SLD	0.43	1.17	2.57

Maschio in muratura ordinaria n. 56

Xg=19.23 <m> Yg=10.35 <m> L=2.11 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	p	λ	F _k <kN/mq>	F _{d SLU} <kN/mq>	F _{d SLV} <kN/mq>	F _{VK0} <kN/mq>	F _{t,d SLU} <kN/mq>	F _{t,d SLV} <kN/mq>
0.00	4.07	0.45	3.87		111	-0.13	105	0.13	0.02	0.00	1.00	8.60	3200.00	888.89	1333.33	65.00	27.08	40.63
					118	-0.13	117	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN _{2sx} <kN>	ΣN _{2dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-306.34	9.13	---	---	---	---	---	-1264.00	49.27
							2.04	-258.74	3.11	---	---	---	---	---	-1264.00	44.20

3							0.00	-264.67	7.41	---	---	---	---	---	-1264.00	44.88
							2.04	-235.38	2.54	---	---	---	---	---	-1264.00	41.36
5							0.00	-339.95	5.72	---	---	---	---	---	-1264.00	52.29
							2.04	-270.79	2.05	---	---	---	---	---	-1264.00	45.57
7							0.00	-327.09	1.08	---	---	---	---	---	-1264.00	51.19
							2.04	-257.77	0.57	---	---	---	---	---	-1264.00	44.08
9	0.00	0.00	31.50	36.92	0.01	0.03	0.00	-391.90	1.85	-0.00	0.02	0.02	0.26	0.76	-640.57	39.93
							2.04	-333.76	0.80	---	---	0.02	0.26	0.76	-640.73	40.10
10	0.00	0.00	31.50	36.92	0.01	0.03	0.00	-389.00	0.83	-0.00	0.02	0.02	0.26	0.76	-640.73	39.99
							2.04	-331.24	0.61	---	---	0.02	0.26	0.76	-640.73	40.06
11	0.00	0.00	31.50	36.92	0.01	0.03	0.00	-394.10	1.33	-0.00	0.02	0.02	0.26	0.76	-640.73	39.88
							2.04	-334.65	0.70	---	---	0.02	0.26	0.76	-640.73	40.12
12	0.00	0.00	31.50	36.92	0.01	0.03	0.00	-386.81	1.35	-0.00	0.02	0.02	0.26	0.76	-640.73	40.03
							2.04	-330.35	0.71	---	---	0.02	0.26	0.76	-640.73	40.05

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _v <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-306.34	3.15	230.68	100.73	76.83
1	2.04	-258.74	11.04	206.91	119.45	71.33
3	0.00	-264.67	1.66	210.11	22.07	72.04
3	2.04	-235.38	4.80	193.62	25.85	68.47
5	0.00	-339.95	3.20	244.78	149.53	80.49
5	2.04	-270.79	12.77	213.34	177.80	72.76
7	0.00	-327.09	1.76	239.65	112.69	79.11
7	2.04	-257.77	8.02	206.37	134.21	71.21
9	0.00	-391.90	0.03	186.94	1.07	69.03
9	2.04	-333.76	0.16	187.74	1.25	64.04
10	0.00	-389.00	-0.03	187.22	1.07	68.79
10	2.04	-331.24	-0.16	187.55	1.25	63.82
11	0.00	-394.10	-0.04	186.72	7.49	69.21
11	2.04	-334.65	-0.39	187.81	8.40	64.12
12	0.00	-386.81	0.04	187.41	7.49	68.61
12	2.04	-330.35	0.39	187.48	8.40	63.74

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.59	1.53	1.96
0.00	4.07	8	SLD	0.49	1.28	2.35

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.39	1.02	2.95

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.65	1.69	1.78

Maschio in muratura ordinaria n. 57

Xg=24.82 <m> Yg=1.58 <m> L=3.17 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi <m>	Zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{sx}	d ₂ <m>	S _{dx}	d ₂ <m>	e _a <m>	a <m>	ρ	λ	F _k <kN/mq>	F _d SLU <kN/mq>	F _d SLV <kN/mq>	F _{VR0} <kN/mq>	F _{td} SLU <kN/mq>	F _{td} SLV <kN/mq>
0.00	4.07	0.65	3.87	-0.02			104	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							119	0.18										
4.07	8.58	0.60	4.21	-0.03			203	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67				411	0.15	0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
							307	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-781.61	-29.43	---	---	---	---	---	-2747.33	169.00
							2.04	-649.11	-10.16	---	---	---	---	---	-2747.33	152.32
							4.07	-522.87	-5.48	---	---	---	---	---	-2747.33	131.88
3							0.00	-668.63	-22.69	---	---	---	---	---	-2747.33	155.09
							2.04	-560.24	-7.84	---	---	---	---	---	-2747.33	138.40
							4.07	-465.07	-4.17	---	---	---	---	---	-2747.33	121.05
5							0.00	-749.34	-34.49	---	---	---	---	---	-2747.33	165.39
							2.04	-614.98	-12.14	---	---	---	---	---	-2747.33	147.23
							4.07	-484.86	-5.13	---	---	---	---	---	-2747.33	124.86
7							0.00	-608.71	-32.09	---	---	---	---	---	-2747.33	146.26
							2.04	-496.87	-11.51	---	---	---	---	---	-2747.33	127.12
							4.07	-394.47	-3.52	---	---	---	---	---	-2747.33	106.55
9	-396.64	-0.02	0.00	57.27	0.02	0.02	0.00	-698.30	-27.34	0.04	0.05	0.05	0.46	0.71	-1307.20	125.15
							2.04	-583.97	-10.50	---	---	0.02	0.18	0.86	-1569.31	118.60
							4.07	-498.33	-7.01	---	---	0.02	0.19	0.85	-1559.54	110.12
10	-386.94	-0.02	0.00	57.27	0.02	0.02	0.00	-678.12	-27.88	0.04	0.05	0.05	0.48	0.70	-1287.53	124.39
							2.04	-567.99	-10.25	---	---	0.02	0.18	0.86	-1569.31	117.25
							4.07	-488.29	-6.48	---	---	0.02	0.19	0.85	-1554.57	108.92

11	-388.94	-0.02	0.00	57.27	0.02	0.02	0.00	-679.52	-26.93	0.04	0.05	0.05	0.46	0.71	-1301.07	124.45
							2.04	-569.43	-10.21	---	---	0.02	0.18	0.86	-1569.31	117.37
							4.07	-489.40	-6.82	---	---	0.02	0.19	0.85	-1555.61	109.06
12	-394.63	-0.02	0.00	57.27	0.02	0.02	0.00	-696.89	-28.29	0.04	0.05	0.05	0.47	0.71	-1294.04	125.10
							2.04	-582.53	-10.53	---	---	0.02	0.18	0.86	-1569.31	118.48
							4.07	-497.22	-6.67	---	---	0.02	0.19	0.85	-1558.53	109.99
1							4.07	-444.30	-4.34	---	---	---	---	---	-2536.00	105.82
							6.33	-308.46	-5.53	---	---	---	---	---	-2536.00	79.30
							8.58	-247.63	5.51	---	---	---	---	---	-2536.00	65.76
3							4.07	-396.54	-3.12	---	---	---	---	---	-2536.00	97.08
							6.33	-285.03	-4.00	---	---	---	---	---	-2536.00	74.20
							8.58	-229.77	3.83	---	---	---	---	---	-2536.00	61.58
5							4.07	-400.26	-3.93	---	---	---	---	---	-2536.00	97.78
							6.33	-272.96	-4.42	---	---	---	---	---	-2536.00	71.52
							8.58	-220.51	4.58	---	---	---	---	---	-2536.00	59.39
7							4.07	-314.76	-2.35	---	---	---	---	---	-2536.00	80.64
							6.33	-219.10	-1.94	---	---	---	---	---	-2536.00	59.05
							8.58	-179.41	2.11	---	---	---	---	---	-2536.00	49.34
9	-190.30	-0.03	0.00	0.00	0.00	0.05	4.07	-396.64	-4.87	0.01	0.04	0.04	0.35	0.74	-1259.48	86.15
							6.33	-297.67	-0.95	---	---	0.02	0.23	0.81	-1365.65	70.80
							8.58	-249.98	-1.65	---	---	0.05	0.46	0.69	-1166.36	61.95
10	-187.54	-0.03	0.00	0.00	0.00	0.05	4.07	-386.94	-4.44	0.01	0.03	0.03	0.35	0.75	-1266.31	84.83
							6.33	-292.99	-1.10	---	---	0.02	0.23	0.81	-1365.65	69.98
							8.58	-246.52	-1.67	---	---	0.05	0.46	0.69	-1166.36	61.27
11	-188.81	-0.03	0.00	0.00	0.00	0.05	4.07	-388.94	-4.73	0.01	0.04	0.04	0.35	0.75	-1260.44	85.10
							6.33	-294.22	-1.14	---	---	0.02	0.23	0.81	-1365.65	70.19
							8.58	-247.54	-1.78	---	---	0.05	0.46	0.69	-1166.36	61.47
12	-189.02	-0.03	0.00	0.00	0.00	0.05	4.07	-394.63	-4.58	0.01	0.03	0.03	0.35	0.75	-1265.24	85.88
							6.33	-296.44	-0.90	---	---	0.02	0.23	0.81	-1365.65	70.59
							8.58	-248.97	-1.53	---	---	0.05	0.46	0.69	-1166.36	61.75
1							8.58	-183.55	5.17	---	---	---	---	---	-2324.67	45.79
							10.46	-136.19	7.43	---	---	---	---	---	-2324.67	34.87
3							8.58	-174.26	3.68	---	---	---	---	---	-2324.67	43.70
							10.46	-131.69	5.34	---	---	---	---	---	-2324.67	33.80
5							8.58	-159.67	4.41	---	---	---	---	---	-2324.67	40.36
							10.46	-124.44	6.21	---	---	---	---	---	-2324.67	32.06
7							8.58	-129.91	2.26	---	---	---	---	---	-2324.67	33.38
							10.46	-109.86	3.08	---	---	---	---	---	-2324.67	28.53
9	0.00	0.00	0.00	4.74	0.15	0.17	8.58	-190.30	-0.71	---	---	0.02	0.20	0.83	-1287.01	44.77
							10.46	-167.16	2.00	---	---	0.09	0.94	0.54	-830.24	40.14
10	0.00	0.00	0.00	4.74	0.15	0.17	8.58	-187.54	-0.75	---	---	0.02	0.20	0.83	-1287.01	44.23
							10.46	-165.72	1.80	---	---	0.09	0.94	0.54	-830.24	39.84
11	0.00	0.00	0.00	4.74	0.15	0.17	8.58	-188.81	-0.84	---	---	0.02	0.20	0.83	-1287.01	44.48
							10.46	-166.85	1.77	---	---	0.09	0.94	0.54	-830.24	40.07
12	0.00	0.00	0.00	4.74	0.15	0.17	8.58	-189.02	-0.61	---	---	0.02	0.20	0.83	-1287.01	44.52
							10.46	-166.03	2.03	---	---	0.09	0.94	0.54	-830.24	39.90

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-781.61	0.00	824.20	60.26	220.45
1	2.04	-649.11	0.00	742.86	58.17	202.88
1	4.07	-522.87	0.00	643.19	59.03	184.58
3	0.00	-668.63	0.00	756.34	4.28	205.56
3	2.04	-560.24	0.00	674.95	0.93	190.18
3	4.07	-465.07	0.00	590.33	2.11	175.56
5	0.00	-749.34	0.00	806.59	102.97	216.31
5	2.04	-614.98	0.00	718.05	104.25	198.09
5	4.07	-484.86	0.00	608.94	110.44	178.70
7	0.00	-608.71	0.00	713.31	83.61	197.20
7	2.04	-496.87	-0.00	619.97	86.52	180.58
7	4.07	-394.47	0.00	519.62	93.37	163.88
9	0.00	-698.30	0.00	610.36	1.30	168.03
9	2.04	-583.97	0.00	578.40	1.99	154.78
9	4.07	-498.33	0.00	537.02	1.75	144.04
10	0.00	-678.12	-0.00	606.65	1.30	165.77
10	2.04	-567.99	-0.00	571.81	1.99	152.83
10	4.07	-488.29	-0.00	531.20	1.75	142.73
11	0.00	-679.52	-0.00	606.93	7.84	165.93
11	2.04	-569.43	0.00	572.43	7.64	153.00
11	4.07	-489.40	-0.00	531.85	6.94	142.88
12	0.00	-696.89	0.00	610.13	7.84	167.88
12	2.04	-582.53	0.00	577.83	7.64	154.60
12	4.07	-497.22	0.00	536.39	6.94	143.90
1	4.07	-444.30	0.00	559.07	53.89	151.16
1	6.33	-308.46	0.00	418.95	38.36	129.99
1	8.58	-247.63	0.00	347.41	29.69	119.30
3	4.07	-396.54	0.00	512.89	1.34	144.07

3	6.33	-285.03	0.00	392.04	1.37	125.98
3	8.58	-229.77	0.00	325.36	0.54	115.98
5	4.07	-400.26	0.00	516.62	99.93	144.64
5	6.33	-272.96	0.00	377.86	71.77	123.87
5	8.58	-220.51	0.00	313.76	54.77	114.22
7	4.07	-314.76	0.00	426.04	84.17	131.05
7	6.33	-219.10	0.00	311.98	60.67	113.95
7	8.58	-179.41	0.00	260.69	46.02	106.04
9	4.07	-396.64	0.00	455.15	1.56	114.41
9	6.33	-297.67	0.00	374.08	1.05	100.99
9	8.58	-249.98	0.00	327.30	0.53	93.84
10	4.07	-386.94	-0.00	448.16	1.56	113.16
10	6.33	-292.99	-0.00	369.71	1.05	100.31
10	8.58	-246.52	-0.00	323.71	0.53	93.30
11	4.07	-388.94	-0.00	449.62	5.76	113.42
11	6.33	-294.22	-0.00	370.86	3.78	100.48
11	8.58	-247.54	-0.00	324.77	2.63	93.46
12	4.07	-394.63	0.00	453.73	5.76	114.15
12	6.33	-296.44	0.00	372.94	3.78	100.81
12	8.58	-248.97	0.00	326.25	2.63	93.68
1	8.58	-183.55	0.00	263.90	25.90	115.94
1	10.46	-136.19	0.00	200.99	71.93	104.59
3	8.58	-174.26	0.00	251.85	2.40	113.81
3	10.46	-131.69	0.00	194.82	42.99	103.45
5	8.58	-159.67	0.00	232.62	43.42	110.36
5	10.46	-124.44	0.00	184.81	65.48	101.58
7	8.58	-129.91	0.00	192.38	34.93	103.00
7	10.46	-109.86	-0.00	164.45	31.00	97.72
9	8.58	-190.30	0.00	258.05	0.19	91.48
9	10.46	-167.16	0.00	231.33	1.25	86.91
10	8.58	-187.54	-0.00	254.93	0.19	90.94
10	10.46	-165.72	-0.00	229.62	1.25	86.61
11	8.58	-188.81	-0.00	256.37	1.92	91.19
11	10.46	-166.85	0.00	230.96	2.02	86.84
12	8.58	-189.02	0.00	256.61	1.92	91.23
12	10.46	-166.03	-0.00	229.99	2.02	86.68

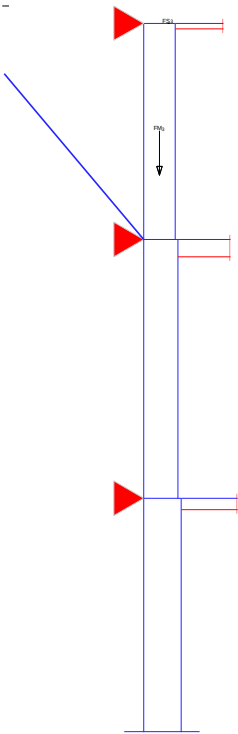
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.57	1.46	2.05
0.00	4.07	8	SLD	0.46	1.20	2.51
4.07	8.58	6	SLD	0.61	1.44	2.08
8.58	12.35	4	SLD	0.42	1.14	2.64

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.45	1.16	2.58
4.07	8.58	2	SLD	0.54	1.29	2.32
4.07	8.58	8	SLD	0.48	1.14	2.64
8.58	12.35	6	SLD	0.49	1.33	2.26

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.57	1.47	2.03
4.07	8.58	4	SLD	0.39	0.92	3.25
8.58	12.35	2	SLD	0.53	1.43	2.09
8.58	12.35	8	SLD	0.36	0.99	3.03

Verifiche cinematici
Ribalt. a z=8.58

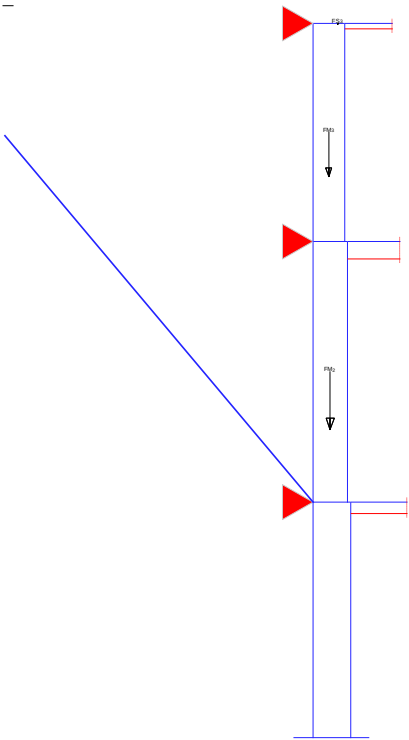


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematico M^{*}=14097.70 <kg>
Frazione di massa partecipante e^{*}=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=113.71 <mm>
Domanda di spostamento [C8A.4.11]=118.81 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9571
Domanda di spostamento amplificata [C8A.4.12]=98.66 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1525

Ribalt. a z=4.07

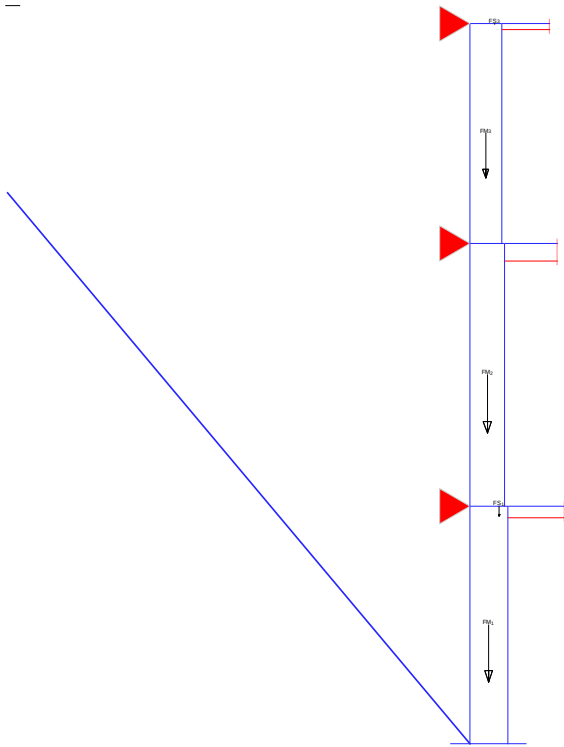


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=26011.80 <kg>
Frazione di massa partecipante e^{*}=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=146.34 <mm>
Domanda di spostamento [C8A.4.11]=173.10 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8454
Domanda di spostamento amplificata [C8A.4.12]=60.50 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4190

Ribalt. a z=0.00

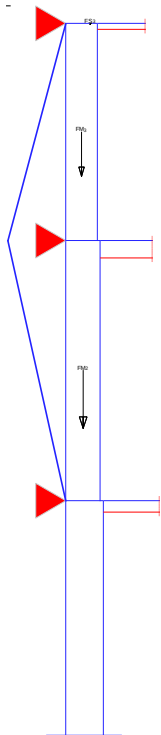


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.11	0.00	2.04	Peso maschio piano 1
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₁		31.11	0.18	4.07	Peso solaio piano 1
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M*=40941.20 <kg>
Frazione di massa partecipante e*=0.76
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u*=165.69 <mm>
Domanda di spostamento [C8A.4.11]=191.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8661

Fless. a z= 8.58 da z= 4.07 a z=12.35

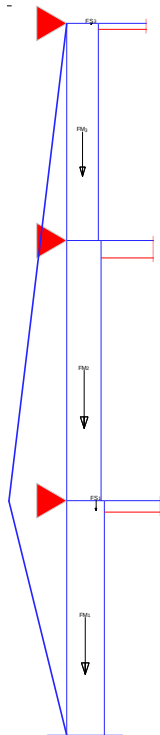


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=32433.40 <kg>
 Frazione di massa partecipante e^{*}=0.99
 Analisi cinematica non lineare
 Capacità di spostamento ultimo d_u^{*}=70.81 <mm>
 Domanda di spostamento [C8A.4.11]=66.48 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.0651
 Domanda di spostamento amplificata [C8A.4.12]=77.21 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.9171

Fless. a z= 4.07 da z= 0.00 a z=12.35

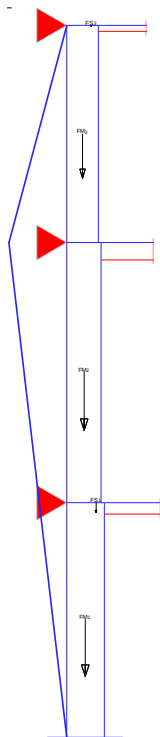


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.11	0.00	2.04	Peso maschio piano 1
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₁		31.11	0.18	4.07	Peso solaio piano 1
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=45518.80$ <kg>
Frazione di massa partecipante $e^*=0.84$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.11$ <mm>
Domanda di spostamento [C8A.4.11]=76.64 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4628

Fless. a z= 8.58 da z= 0.00 a z=12.35

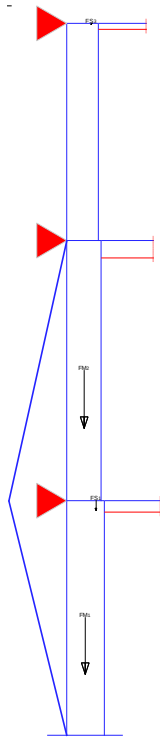


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.11	0.00	2.04	Peso maschio piano 1
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FM ₃		138.03	-0.05	10.46	Peso maschio piano 3
FS ₁		31.11	0.18	4.07	Peso solaio piano 1
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=45564.50$ <kg>
Frazione di massa partecipante $e^*=0.85$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=111.55$ <mm>
Domanda di spostamento [C8A.4.11]=106.41 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0483

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		176.11	0.00	2.04	Peso maschio piano 1
FM ₂		180.14	-0.02	6.33	Peso maschio piano 2
FS ₁		31.11	0.18	4.07	Peso solaio piano 1
FS ₃		3.16	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=35550.10 <kg>
Frazione di massa partecipante e^{*}=0.89
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=83.38 <mm>
Domanda di spostamento [C8A.4.11]=67.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2304

Maschio in muratura ordinaria n. 58

Xg=24.82 <m> Yg=4.99 <m> L=1.40 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.02			104	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							119	0.18										
4.07	8.58	0.60	4.21	-0.03			203	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67				411	0.15	0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
							307	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN2 _{sx}	ΣN2 _{dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ _t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-345.62	-9.80	---	---	---	---	---	-1213.33	74.68
							2.04	-351.70	-6.08	---	---	---	---	---	-1213.33	75.32
							4.07	-299.74	-2.56	---	---	---	---	---	-1213.33	69.10
3							0.00	-330.54	-7.98	---	---	---	---	---	-1213.33	73.00
							2.04	-343.80	-5.68	---	---	---	---	---	-1213.33	74.49
							4.07	-295.38	-1.81	---	---	---	---	---	-1213.33	68.50
5							0.00	-291.67	-6.12	---	---	---	---	---	-1213.33	67.98
							2.04	-286.95	-5.63	---	---	---	---	---	-1213.33	67.31
							4.07	-249.87	-2.72	---	---	---	---	---	-1213.33	61.53
7							0.00	-230.36	-1.14	---	---	---	---	---	-1213.33	58.14
							2.04	-223.55	-4.84	---	---	---	---	---	-1213.33	56.91
							4.07	-202.76	-2.10	---	---	---	---	---	-1213.33	52.94
9	-259.07	-0.02	0.00	25.29	0.02	0.03	0.00	-342.32	1.87	---	---	0.02	0.18	0.86	-693.07	55.86
							2.04	-355.41	-6.66	0.02	0.03	0.03	0.29	0.80	-645.44	55.80

							4.07	-324.89	-2.48	---	---	0.03	0.24	0.83	-667.68	55.70
10	-254.31	-0.02	0.00	25.29	0.02	0.03	0.00	-333.06	0.78	---	---	0.02	0.18	0.86	-693.07	55.81
							2.04	-345.81	-6.38	0.02	0.03	0.03	0.29	0.80	-647.18	55.86
							4.07	-318.20	-2.33	---	---	0.03	0.24	0.83	-668.89	55.55
11	-255.16	-0.02	0.00	25.29	0.02	0.03	0.00	-336.25	1.42	---	---	0.02	0.18	0.86	-693.07	55.84
							2.04	-349.94	-6.51	0.02	0.03	0.03	0.29	0.80	-646.44	55.85
							4.07	-321.87	-2.35	---	---	0.03	0.24	0.83	-668.67	55.64
12	-258.22	-0.02	0.00	25.29	0.02	0.03	0.00	-339.13	1.22	---	---	0.02	0.18	0.86	-693.07	55.85
							2.04	-351.28	-6.53	0.02	0.03	0.03	0.29	0.80	-646.16	55.84
							4.07	-321.23	-2.46	---	---	0.03	0.24	0.83	-667.89	55.62
1							4.07	-255.77	-2.37	---	---	---	---	---	-1120.00	56.12
							6.33	-106.77	-2.83	---	---	---	---	---	-1120.00	28.44
							8.58	-95.81	-2.25	---	---	---	---	---	-1120.00	25.85
3							4.07	-240.33	-1.64	---	---	---	---	---	-1120.00	53.90
							6.33	-101.44	-1.73	---	---	---	---	---	-1120.00	27.19
							8.58	-88.92	-1.12	---	---	---	---	---	-1120.00	24.19
5							4.07	-227.26	-2.27	---	---	---	---	---	-1120.00	51.90
							6.33	-98.25	-3.25	---	---	---	---	---	-1120.00	26.43
							8.58	-93.16	-2.76	---	---	---	---	---	-1120.00	25.21
7							4.07	-187.38	-1.45	---	---	---	---	---	-1120.00	45.15
							6.33	-85.61	-2.52	---	---	---	---	---	-1120.00	23.37
							8.58	-84.00	-2.07	---	---	---	---	---	-1120.00	22.98
9	-85.35	-0.03	0.00	0.00	0.00	0.05	4.07	-259.07	-1.72	0.01	0.03	0.03	0.30	0.77	-577.75	46.00
							6.33	-123.17	-1.02	---	---	0.02	0.23	0.81	-603.12	29.78
							8.58	-116.63	-1.16	---	---	0.05	0.46	0.69	-515.11	28.56
10	-84.76	-0.03	0.00	0.00	0.00	0.05	4.07	-254.31	-1.53	0.01	0.03	0.03	0.29	0.78	-580.13	45.72
							6.33	-121.78	-0.95	---	---	0.02	0.23	0.81	-603.12	29.52
							8.58	-115.89	-1.09	---	---	0.05	0.46	0.69	-515.11	28.42
11	-84.41	-0.03	0.00	0.00	0.00	0.05	4.07	-255.16	-1.58	0.01	0.03	0.03	0.29	0.78	-579.41	45.77
							6.33	-122.71	-0.88	---	---	0.02	0.23	0.81	-603.12	29.70
							8.58	-116.63	-1.03	---	---	0.05	0.46	0.69	-515.11	28.56
12	-85.69	-0.03	0.00	0.00	0.00	0.05	4.07	-258.22	-1.67	0.01	0.03	0.03	0.29	0.77	-578.46	45.95
							6.33	-122.24	-1.08	---	---	0.02	0.23	0.81	-603.12	29.61
							8.58	-115.88	-1.22	---	---	0.05	0.46	0.69	-515.11	28.42
1							8.58	-81.90	-2.52	---	---	---	---	---	-1026.67	20.41
							10.46	-73.98	-3.38	---	---	---	---	---	-1026.67	18.62
3							8.58	-73.51	-1.45	---	---	---	---	---	-1026.67	18.51
							10.46	-67.32	-1.81	---	---	---	---	---	-1026.67	17.09
5							8.58	-79.08	-2.81	---	---	---	---	---	-1026.67	19.78
							10.46	-66.63	-3.72	---	---	---	---	---	-1026.67	16.92
7							8.58	-68.28	-1.99	---	---	---	---	---	-1026.67	17.31
							10.46	-53.67	-2.45	---	---	---	---	---	-1026.67	13.85
9	0.00	0.00	0.00	2.09	0.15	0.17	8.58	-85.35	-1.36	---	---	0.02	0.20	0.83	-568.39	20.03
							10.46	-72.50	-0.19	---	---	0.09	0.94	0.54	-366.67	17.45
10	0.00	0.00	0.00	2.09	0.15	0.17	8.58	-84.76	-1.28	---	---	0.02	0.20	0.83	-568.39	19.91
							10.46	-71.57	-0.07	---	---	0.09	0.94	0.54	-366.67	17.26
11	0.00	0.00	0.00	2.09	0.15	0.17	8.58	-84.41	-1.23	---	---	0.02	0.20	0.83	-568.39	19.84
							10.46	-71.82	-0.01	---	---	0.09	0.94	0.54	-366.67	17.31
12	0.00	0.00	0.00	2.09	0.15	0.17	8.58	-85.69	-1.40	---	---	0.02	0.20	0.83	-568.39	20.09
							10.46	-72.25	-0.25	---	---	0.09	0.94	0.54	-366.67	17.40

Verifiche per azioni nel piano

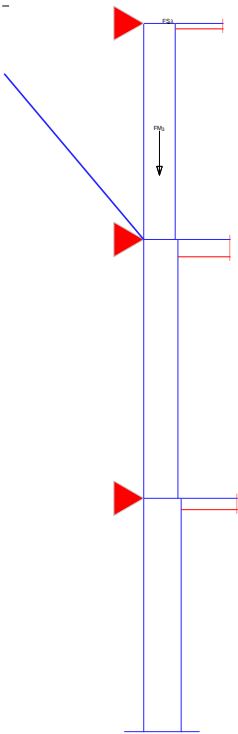
CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{Ed} <kN>	Vu <kN>
1	0.00	-345.62	0.00	160.86	71.02	79.28
1	2.04	-351.70	0.00	162.23	73.60	79.91
1	4.07	-299.74	0.00	148.84	78.80	74.38
3	0.00	-330.54	0.00	157.22	20.68	77.71
3	2.04	-343.80	0.00	160.44	22.41	79.10
3	4.07	-295.38	0.00	147.55	28.03	73.90
5	0.00	-291.67	0.00	146.43	97.65	73.48
5	2.04	-286.95	0.00	144.98	99.71	72.95
5	4.07	-249.87	0.00	132.53	100.64	68.65
7	0.00	-230.36	0.00	125.23	70.14	66.27
7	2.04	-223.55	-0.00	122.57	70.91	65.43
7	4.07	-202.76	-0.00	114.03	68.59	62.76
9	0.00	-342.32	-0.00	120.32	1.15	63.40
9	2.04	-355.41	0.00	120.18	1.26	64.52
9	4.07	-324.89	0.00	119.96	1.37	61.88
10	0.00	-333.06	0.00	120.20	1.15	62.59
10	2.04	-345.81	0.00	120.32	1.26	63.70
10	4.07	-318.20	0.00	119.66	1.37	61.28
11	0.00	-336.25	-0.00	120.26	5.91	62.87
11	2.04	-349.94	0.00	120.28	5.79	64.06
11	4.07	-321.87	0.00	119.83	5.21	61.61
12	0.00	-339.13	0.00	120.30	5.91	63.12
12	2.04	-351.28	-0.00	120.27	5.79	64.17
12	4.07	-321.23	0.00	119.80	5.21	61.55

1	4.07	-255.77	0.00	130.94	76.93	66.31
1	6.33	-106.77	0.00	66.36	58.18	46.23
1	8.58	-95.81	0.00	60.32	59.33	44.39
3	4.07	-240.33	-0.00	125.76	28.21	64.52
3	6.33	-101.44	0.00	63.44	37.02	45.34
3	8.58	-88.92	0.00	56.43	29.56	43.20
5	4.07	-227.26	0.00	121.11	96.98	62.96
5	6.33	-98.25	0.00	61.68	49.56	44.81
5	8.58	-93.16	0.00	58.83	62.95	43.94
7	4.07	-187.38	0.00	105.35	65.44	57.96
7	6.33	-85.61	0.00	54.54	21.00	42.61
7	8.58	-84.00	0.00	53.61	36.29	42.33
9	4.07	-259.07	-0.00	107.32	1.24	53.38
9	6.33	-123.17	0.00	69.49	1.36	38.41
9	8.58	-116.63	0.00	66.64	1.07	37.54
10	4.07	-254.31	0.00	106.69	1.24	52.93
10	6.33	-121.78	-0.00	68.89	1.36	38.23
10	8.58	-115.89	0.00	66.31	1.07	37.44
11	4.07	-255.16	-0.00	106.80	4.71	53.01
11	6.33	-122.71	0.00	69.29	1.88	38.35
11	8.58	-116.63	0.00	66.64	2.54	37.54
12	4.07	-258.22	0.00	107.21	4.71	53.30
12	6.33	-122.24	0.00	69.09	1.88	38.29
12	8.58	-115.88	-0.00	66.31	2.54	37.44
1	8.58	-81.90	0.00	51.95	38.53	39.67
1	10.46	-73.98	0.00	47.39	28.49	38.25
3	8.58	-73.51	0.00	47.12	14.44	38.17
3	10.46	-67.32	0.00	43.49	21.20	37.03
5	8.58	-79.08	0.00	50.34	48.11	39.17
5	10.46	-66.63	0.00	43.08	19.60	36.89
7	8.58	-68.28	0.00	44.06	32.21	37.21
7	10.46	-53.67	0.00	35.26	4.69	34.37
9	8.58	-85.35	0.00	50.98	0.46	31.37
9	10.46	-72.50	0.00	44.43	0.58	29.42
10	8.58	-84.76	0.00	50.69	0.46	31.29
10	10.46	-71.57	-0.00	43.94	0.58	29.27
11	8.58	-84.41	-0.00	50.51	1.95	31.24
11	10.46	-71.82	0.00	44.07	0.28	29.31
12	8.58	-85.69	0.00	51.15	1.95	31.43
12	10.46	-72.25	0.00	44.30	0.28	29.38

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.69	1.77	1.69	0.00	4.07	4	SLD	0.62	1.61	1.87	0.00	4.07	6	SLD	0.57	1.47	2.04
0.00	4.07	8	SLD	0.49	1.28	2.35	4.07	8.58	2	SLD	0.64	1.52	1.97	4.07	8.58	4	SLD	0.55	1.31	2.30
4.07	8.58	6	SLD	0.59	1.40	2.14	4.07	8.58	8	SLD	0.48	1.14	2.62	8.58	12.35	2	SLD	0.47	1.29	2.33
8.58	12.35	4	SLD	0.41	1.13	2.66	8.58	12.35	6	SLD	0.44	1.21	2.48	8.58	12.35	8	SLD	0.38	1.05	2.87

Verifiche cinematici
Ribalt. a z=8.58

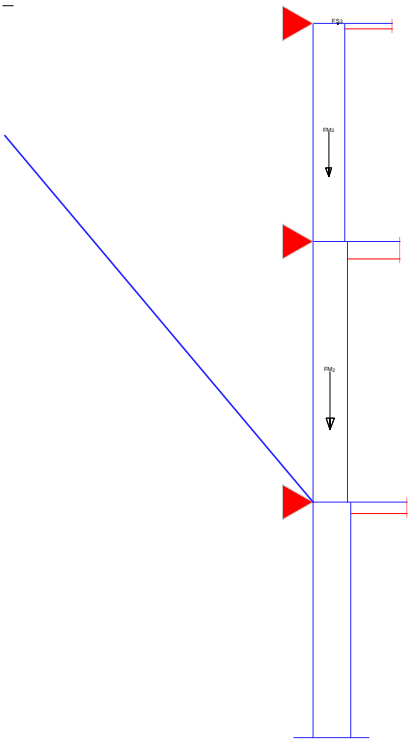


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=6226.10 <kg>
Frazione di massa partecipante e^{*}=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_y^{*}=113.71 <mm>
Domanda di spostamento [C8A.4.11]=118.81 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9571
Domanda di spostamento amplificata [C8A.4.12]=98.66 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1525

Ribalt. a z=4.07

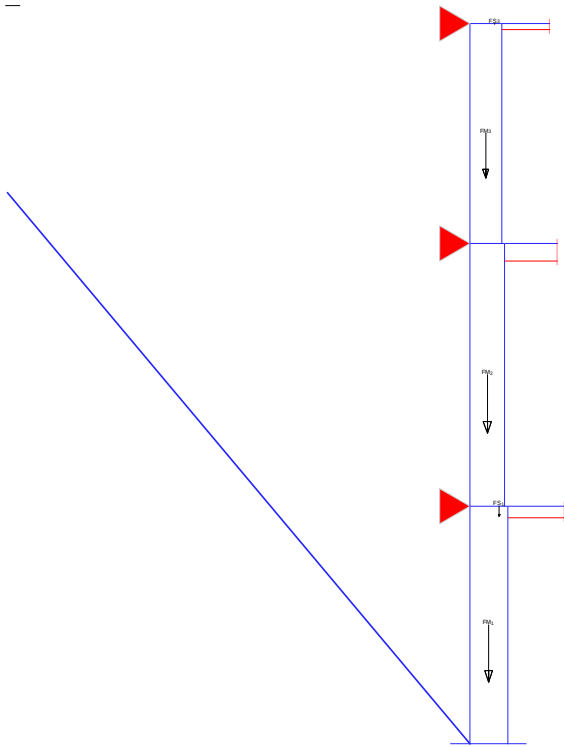


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=11487.80$ <kg>
Frazione di massa partecipante $e^*=0.79$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=146.34$ <mm>
Domanda di spostamento [C8A.4.11]=173.10 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8454
Domanda di spostamento amplificata [C8A.4.12]=60.50 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4190

Ribalt. a z=0.00

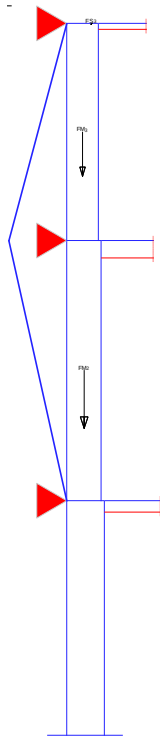


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		77.78	0.00	2.04	Peso maschio piano 1
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₁		13.74	0.18	4.07	Peso solaio piano 1
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=18081.30$ <kg>
 Frazione di massa partecipante $e^*=0.76$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=165.69$ <mm>
 Domanda di spostamento [C8A.4.11]=191.31 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8661

Fless. a z= 8.58 da z= 4.07 a z=12.35

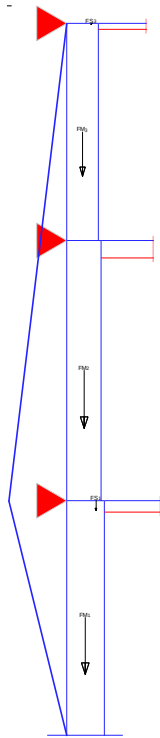


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=14323.90 <kg>
Frazione di massa partecipante e^{*}=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=70.81 <mm>
Domanda di spostamento [C8A.4.11]=66.48 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0651
Domanda di spostamento amplificata [C8A.4.12]=77.21 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9171

Fless. a z= 4.07 da z= 0.00 a z=12.35

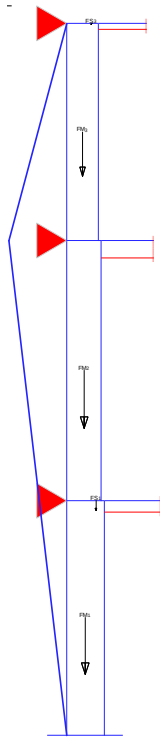


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		77.78	0.00	2.04	Peso maschio piano 1
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₁		13.74	0.18	4.07	Peso solaio piano 1
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp $M^*=20102.90$ <kg>
Frazione di massa partecipante $e^*=0.84$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=112.11$ <mm>
Domanda di spostamento [C8A.4.11]=76.64 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4628

Fless. a z= 8.58 da z= 0.00 a z=12.35

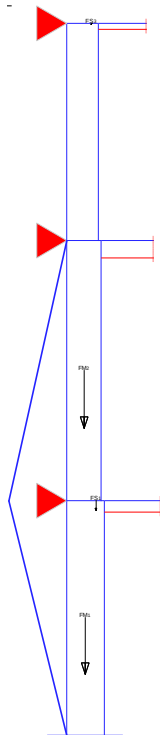


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		77.78	0.00	2.04	Peso maschio piano 1
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FM ₃		60.96	-0.05	10.46	Peso maschio piano 3
FS ₁		13.74	0.18	4.07	Peso solaio piano 1
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp M^{*}=20123.10 <kg>
Frazione di massa partecipante e^{*}=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=111.55 <mm>
Domanda di spostamento [C8A.4.11]=106.41 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0483

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		77.78	0.00	2.04	Peso maschio piano 1
FM ₂		79.56	-0.02	6.33	Peso maschio piano 2
FS ₁		13.74	0.18	4.07	Peso solaio piano 1
FS ₃		1.40	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=15700.40$ <kg>
 Frazione di massa partecipante $e^*=0.89$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=83.38$ <mm>
 Domanda di spostamento [C8A.4.11]=67.77 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2304

Maschio in muratura ordinaria n. 59

$X_g=24.82$ <m> $Y_g=7.80$ <m> $L=1.33$ <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

Zi	Zf	Spess.	h	d ₁	S _{sx}	d ₂	S _{dx}	d ₂	e _a	a	ρ	λ	F _k	F _{d SLU}	F _{d SLV}	F _{VKO}	F _{td SLU}	F _{td SLV}
<m>	<m>	<m>	<m>	<m>		<m>		<m>	<m>	<m>			<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>	<kN/mq>
0.00	4.07	0.65	3.87	-0.02			111	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							118	0.18										
4.07	8.58	0.60	4.21	-0.03			204	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67				412	0.15	0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
							413	0.15										
							306	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1	e _{s1}	ΣN_{2sx}	ΣN_{2dx}	e _{s2}	e ₁	Zv	N	M _v	e _v	e ₂	e	m	Φ_t	Nu	Mu
	<kN>	<m>	<kN>	<kN>	<m>	<m>	<m>	<kN>	<kNm>	<m>	<m>	<m>			<kN>	<kNm>
1							0.00	-475.02	-14.46	---	---	---	---	---	-1152.67	79.53
							2.04	-413.75	-6.68	---	---	---	---	---	-1152.67	77.68
							4.07	-307.57	-3.31	---	---	---	---	---	-1152.67	68.58
3							0.00	-414.36	-13.18	---	---	---	---	---	-1152.67	77.71
							2.04	-394.84	-6.30	---	---	---	---	---	-1152.67	76.61
							4.07	-276.14	-2.66	---	---	---	---	---	-1152.67	64.45
5							0.00	-452.63	-6.60	---	---	---	---	---	-1152.67	79.15
							2.04	-349.15	-5.07	---	---	---	---	---	-1152.67	73.04
							4.07	-288.60	-2.81	---	---	---	---	---	-1152.67	66.17
7							0.00	-372.77	1.42	---	---	---	---	---	-1152.67	75.06
							2.04	-274.88	-3.30	---	---	---	---	---	-1152.67	64.27
							4.07	-240.91	-1.73	---	---	---	---	---	-1152.67	59.04
9	-265.31	-0.02	0.00	4.79	0.00	0.04	0.00	-471.16	1.50	---	---	0.02	0.18	0.86	-658.42	42.67
							2.04	-414.77	-5.49	0.01	0.03	0.03	0.31	0.79	-606.33	49.20

							4.07	-300.89	-2.60	---	---	0.04	0.38	0.76	-580.32	52.74
10	-261.93	-0.02	0.00	4.79	0.00	0.04	0.00	-457.22	0.12	---	---	0.02	0.18	0.86	-658.42	44.58
							2.04	-403.30	-5.10	0.01	0.03	0.03	0.30	0.79	-608.59	50.14
							4.07	-295.56	-2.41	---	---	0.04	0.38	0.76	-580.49	52.59
11	-264.07	-0.02	0.00	4.79	0.00	0.04	0.00	-469.62	0.81	---	---	0.02	0.18	0.86	-658.42	42.89
							2.04	-409.73	-5.28	0.01	0.03	0.03	0.31	0.79	-607.66	49.63
							4.07	-294.78	-2.52	---	---	0.04	0.38	0.76	-580.38	52.57
12	-263.17	-0.02	0.00	4.79	0.00	0.04	0.00	-458.76	0.81	---	---	0.02	0.18	0.86	-658.42	44.38
							2.04	-408.34	-5.31	0.01	0.03	0.03	0.31	0.79	-607.23	49.75
							4.07	-301.67	-2.49	---	---	0.04	0.38	0.76	-580.42	52.76
1							4.07	-231.38	-4.43	---	---	---	---	---	-1064.00	51.66
							6.33	-98.85	-2.48	---	---	---	---	---	-1064.00	26.41
							8.58	-100.40	-4.27	---	---	---	---	---	-1064.00	26.78
3							4.07	-222.21	-3.60	---	---	---	---	---	-1064.00	50.28
							6.33	-88.99	-2.21	---	---	---	---	---	-1064.00	24.07
							8.58	-91.03	-3.82	---	---	---	---	---	-1064.00	24.56
5							4.07	-211.27	-3.30	---	---	---	---	---	-1064.00	48.57
							6.33	-101.39	-1.59	---	---	---	---	---	-1064.00	27.01
							8.58	-105.79	-2.38	---	---	---	---	---	-1064.00	28.02
7							4.07	-184.85	-1.52	---	---	---	---	---	-1064.00	44.12
							6.33	-93.71	-0.56	---	---	---	---	---	-1064.00	25.20
							8.58	-101.03	-0.32	---	---	---	---	---	-1064.00	26.92
9	-101.94	-0.02	0.00	8.33	0.01	0.03	4.07	-265.31	-2.23	0.01	0.02	0.02	0.24	0.80	-568.90	44.57
							6.33	-114.94	-0.84	---	---	0.02	0.21	0.82	-580.14	27.91
							8.58	-124.47	-1.49	---	---	0.03	0.31	0.76	-542.28	29.63
10	-102.33	-0.02	0.00	8.33	0.01	0.03	4.07	-261.93	-1.96	0.01	0.02	0.02	0.23	0.81	-572.21	44.44
							6.33	-114.50	-0.71	---	---	0.02	0.21	0.82	-580.14	27.83
							8.58	-124.57	-1.26	---	---	0.03	0.32	0.76	-542.09	29.65
11	-103.40	-0.02	0.00	8.33	0.01	0.03	4.07	-264.07	-2.13	0.01	0.02	0.02	0.24	0.80	-569.83	44.52
							6.33	-113.91	-0.79	---	---	0.02	0.21	0.82	-580.14	27.72
							8.58	-123.78	-1.38	---	---	0.03	0.32	0.76	-541.59	29.51
12	-100.87	-0.02	0.00	8.33	0.01	0.03	4.07	-263.17	-2.06	0.01	0.02	0.02	0.23	0.81	-571.27	44.49
							6.33	-115.54	-0.77	---	---	0.02	0.21	0.82	-580.14	28.02
							8.58	-125.26	-1.36	---	---	0.03	0.31	0.77	-542.80	29.77
1							8.58	-88.20	-4.00	---	---	---	---	---	-975.33	21.68
							10.46	-39.68	-2.36	---	---	---	---	---	-975.33	10.39
3							8.58	-72.31	-3.49	---	---	---	---	---	-975.33	18.15
							10.46	-34.64	-2.05	---	---	---	---	---	-975.33	9.13
5							8.58	-98.76	-2.47	---	---	---	---	---	-975.33	23.92
							10.46	-43.33	-1.36	---	---	---	---	---	-975.33	11.29
7							8.58	-91.92	-0.64	---	---	---	---	---	-975.33	22.48
							10.46	-41.42	-0.21	---	---	---	---	---	-975.33	10.82
9	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-101.94	-1.58	---	---	0.02	0.20	0.83	-539.97	22.86
							10.46	-50.07	-0.38	---	---	0.09	0.94	0.54	-348.33	12.52
10	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-102.33	-1.38	---	---	0.02	0.20	0.83	-539.97	22.93
							10.46	-50.25	-0.27	---	---	0.09	0.94	0.54	-348.33	12.56
11	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-103.40	-1.51	---	---	0.02	0.20	0.83	-539.97	23.11
							10.46	-50.54	-0.34	---	---	0.09	0.94	0.54	-348.33	12.63
12	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-100.87	-1.46	---	---	0.02	0.20	0.83	-539.97	22.68
							10.46	-49.79	-0.32	---	---	0.09	0.94	0.54	-348.33	12.46

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M _y <kNm>	Mu <kNm>	V _{ed} <kN>	Vu <kN>
1	0.00	-475.02	10.34	162.74	39.69	89.23
1	2.04	-413.75	4.05	158.95	48.01	83.70
1	4.07	-307.57	8.47	140.33	58.62	73.14
3	0.00	-414.36	0.98	159.01	6.73	83.76
3	2.04	-394.84	1.35	156.75	7.08	81.92
3	4.07	-276.14	5.75	131.88	11.20	69.70
5	0.00	-452.63	17.29	161.94	82.31	87.25
5	2.04	-349.15	5.30	149.44	76.47	77.45
5	4.07	-288.60	6.67	135.39	89.50	71.08
7	0.00	-372.77	13.89	153.58	72.42	79.79
7	2.04	-274.88	3.68	131.51	59.94	69.56
7	4.07	-240.91	2.41	120.81	68.55	65.64
9	0.00	-471.16	0.36	87.31	0.42	71.74
9	2.04	-414.77	0.15	100.67	0.47	67.53
9	4.07	-300.89	-0.27	107.92	0.61	58.09
10	0.00	-457.22	-0.36	91.22	0.42	70.72
10	2.04	-403.30	-0.15	102.60	0.47	66.64
10	4.07	-295.56	0.27	107.61	0.61	57.61
11	0.00	-469.62	0.95	87.76	5.16	71.63
11	2.04	-409.73	0.21	101.55	4.51	67.14
11	4.07	-294.78	0.26	107.56	4.72	57.54
12	0.00	-458.76	-0.95	90.81	5.16	70.83
12	2.04	-408.34	-0.21	101.79	4.51	67.03
12	4.07	-301.67	-0.26	107.96	4.72	58.16

1	4.07	-231.38	3.53	114.50	51.89	61.65
1	6.33	-98.85	2.08	58.55	24.87	43.49
1	8.58	-100.40	2.18	59.36	28.23	43.75
3	4.07	-222.21	0.13	111.46	7.08	60.57
3	6.33	-88.99	-0.45	53.36	2.10	41.83
3	8.58	-91.03	0.28	54.44	6.11	42.17
5	4.07	-211.27	6.22	107.67	83.52	59.25
5	6.33	-101.39	4.46	59.87	48.37	43.91
5	8.58	-105.79	3.54	62.12	60.55	44.62
7	4.07	-184.85	5.13	97.80	65.83	55.95
7	6.33	-93.71	3.98	55.86	41.54	42.63
7	8.58	-101.03	2.80	59.68	53.91	43.85
9	4.07	-265.31	-0.12	98.80	0.51	52.50
9	6.33	-114.94	0.03	61.86	0.04	36.22
9	8.58	-124.47	-0.02	65.69	0.19	37.46
10	4.07	-261.93	0.12	98.51	0.51	52.19
10	6.33	-114.50	-0.03	61.68	0.04	36.16
10	8.58	-124.57	0.02	65.72	0.19	37.47
11	4.07	-264.07	-0.31	98.70	4.25	52.38
11	6.33	-113.91	0.22	61.44	2.38	36.08
11	8.58	-123.78	0.16	65.41	2.89	37.37
12	4.07	-263.17	0.31	98.62	4.25	52.30
12	6.33	-115.54	-0.22	62.11	2.38	36.30
12	8.58	-125.26	-0.16	65.99	2.89	37.56
1	8.58	-88.20	2.77	52.41	28.30	39.46
1	10.46	-39.68	1.67	25.12	12.83	30.27
3	8.58	-72.31	-0.50	43.89	4.80	36.71
3	10.46	-34.64	1.53	22.07	2.38	29.15
5	8.58	-98.76	5.79	57.85	58.69	41.19
5	10.46	-43.33	0.72	27.31	19.71	31.06
7	8.58	-91.92	5.11	54.35	51.64	40.08
7	10.46	-41.42	-0.24	26.17	15.15	30.65
9	8.58	-101.94	-0.02	55.28	0.02	32.74
9	10.46	-50.07	-0.05	30.28	0.25	24.81
10	8.58	-102.33	0.02	55.45	0.02	32.79
10	10.46	-50.25	0.05	30.38	0.25	24.84
11	8.58	-103.40	-0.27	55.90	2.69	32.94
11	10.46	-50.54	-0.00	30.53	0.78	24.89
12	8.58	-100.87	0.27	54.84	2.69	32.60
12	10.46	-49.79	0.00	30.13	0.78	24.76

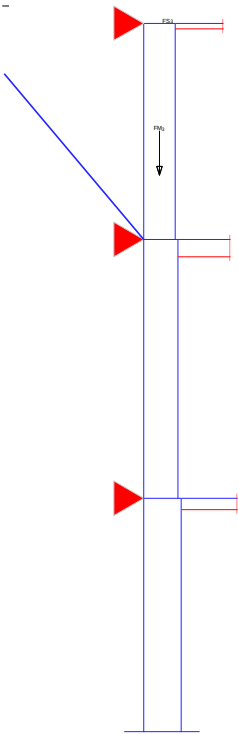
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.77	1.98	1.51
0.00	4.07	8	SLD	0.46	1.20	2.51
4.07	8.58	6	SLD	0.58	1.38	2.17
8.58	12.35	4	SLD	0.39	1.05	2.85

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.66	1.69	1.77
4.07	8.58	2	SLD	0.65	1.54	1.95
4.07	8.58	8	SLD	0.48	1.14	2.63
8.58	12.35	6	SLD	0.45	1.24	2.43

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.66	1.70	1.77
4.07	8.58	4	SLD	0.55	1.30	2.30
8.58	12.35	2	SLD	0.47	1.29	2.33
8.58	12.35	8	SLD	0.36	0.97	3.09

Verifiche cinematici
Ribalt. a z=8.58

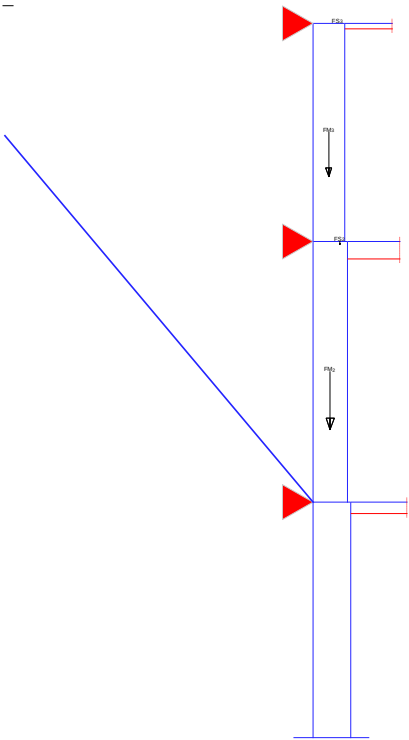


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=5903.45 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_y^{*}=110.00 <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=98.02 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1222

Ribalt. a z=4.07

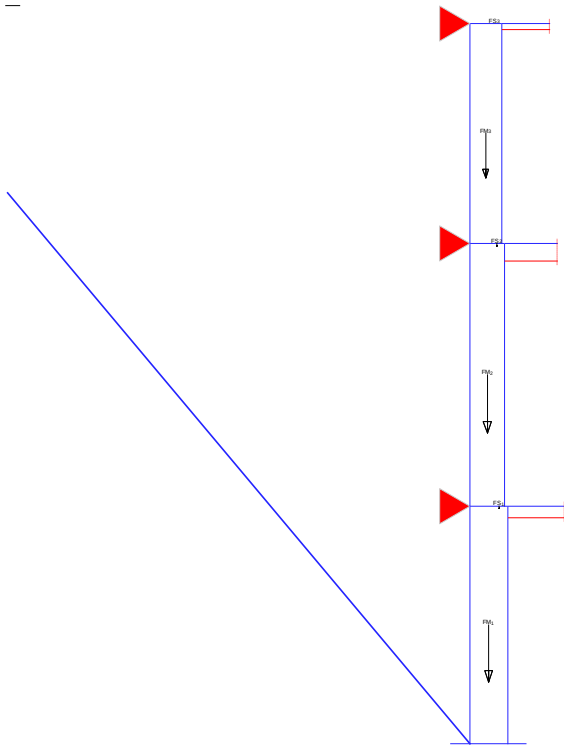


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=11215.20$ <kg>
Frazione di massa partecipante $e^*=0.80$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=146.85$ <mm>
Domanda di spostamento [C8A.4.11]=172.47 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8515
Domanda di spostamento amplificata [C8A.4.12]=60.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4339

Ribalt. a z=0.00

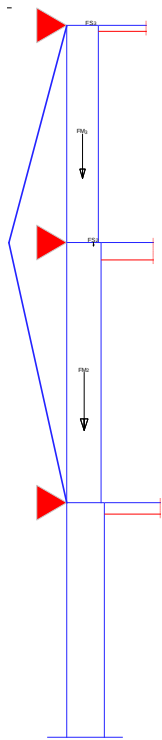


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		73.89	0.00	2.04	Peso maschio piano 1
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₁		2.60	0.18	4.07	Peso solaio piano 1
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=16651.70$ <kg>
 Frazione di massa partecipante $e^*=0.76$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=160.94$ <mm>
 Domanda di spostamento [C8A.4.11]=191.35 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=0.8411

Fless. a z= 8.58 da z= 4.07 a z=12.35

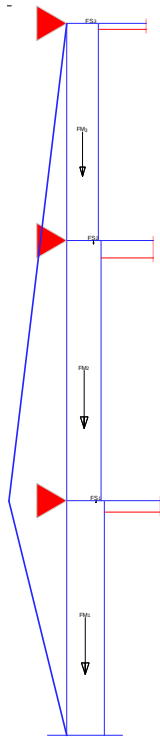


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo $M^*=13647.90$ <kg>
Frazione di massa partecipante $e^*=0.97$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=78.09$ <mm>
Domanda di spostamento [C8A.4.11]=70.98 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1001
Domanda di spostamento amplificata [C8A.4.12]=77.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0095

Fless. a z= 4.07 da z= 0.00 a z=12.35

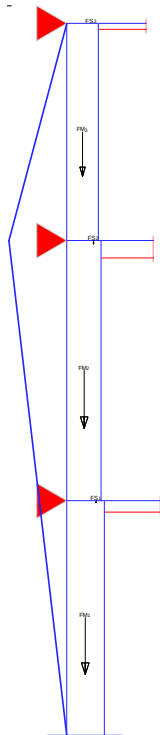


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		73.89	0.00	2.04	Peso maschio piano 1
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₁		2.60	0.18	4.07	Peso solaio piano 1
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=18826.00 <kg>
Frazione di massa partecipante e^{*}=0.86
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=103.84 <mm>
Domanda di spostamento [C8A.4.11]=72.68 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4286

Fless. a z= 8.58 da z= 0.00 a z=12.35

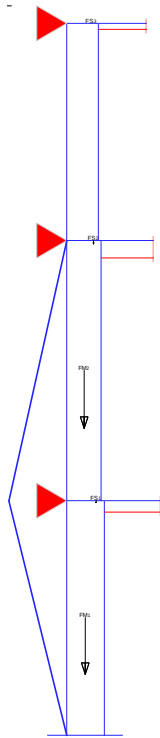


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		73.89	0.00	2.04	Peso maschio piano 1
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FM ₃		57.91	-0.05	10.46	Peso maschio piano 3
FS ₁		2.60	0.18	4.07	Peso solaio piano 1
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^{*}=18289.40 <kg>
Frazione di massa partecipante e^{*}=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=115.44 <mm>
Domanda di spostamento [C8A.4.11]=109.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0571

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		73.89	0.00	2.04	Peso maschio piano 1
FM ₂		75.58	-0.02	6.33	Peso maschio piano 2
FS ₁		2.60	0.18	4.07	Peso solaio piano 1
FS ₂		3.83	0.14	8.58	Peso solaio piano 2
FS ₃		0.00	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismp M^{*}=15253.00 <kg>
Frazione di massa partecipante e^{*}=0.96
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^{*}=69.63 <mm>
Domanda di spostamento [C8A.4.11]=61.66 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1291

Maschio in muratura ordinaria n. 60

Xg=24.82 <m> Yg=11.31 <m> L=3.10 <m>

Configurazione geometrica e caratteristiche dei materiali utilizzati

zi <m>	zf <m>	Spess. <m>	h <m>	d ₁ <m>	S _{ss}	d ₂ <m>	S _{dx}	d ₂ <m>	e _s <m>	a <m>	ρ	λ	F _k <kN/mq>	F _{d SLV} <kN/mq>	F _{d SLV} <kN/mq>	F _{VR0} <kN/mq>	F _{td SLV} <kN/mq>	F _{td SLV} <kN/mq>
0.00	4.07	0.65	3.87	-0.02			111	0.18	0.02	0.00	1.00	5.95	3200.00	888.89	1333.33	65.00	27.08	40.63
							118	0.18										
4.07	8.58	0.60	4.21	-0.03			204	0.17	0.02	0.00	1.00	7.02	3200.00	888.89	1333.33	65.00	27.08	40.63
8.58	12.35	0.55	3.67				413	0.15	0.02	0.00	1.00	6.67	3200.00	888.89	1333.33	65.00	27.08	40.63
							306	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e _{s1} <m>	ΣN2 _{sx} <kN>	ΣN2 _{dx} <kN>	e _{s2} <m>	e ₁ <m>	Zv <m>	N <kN>	M _v <kNm>	e _v <m>	e ₂ <m>	e <m>	m	Φ _t	Nu <kN>	Mu <kNm>
1							0.00	-809.22	-34.60	---	---	---	---	---	-2691.00	169.95
							2.04	-757.02	-14.40	---	---	---	---	---	-2691.00	164.60
							4.07	-511.17	-4.98	---	---	---	---	---	-2691.00	129.00
3							0.00	-715.06	-27.87	---	---	---	---	---	-2691.00	159.75
							2.04	-645.09	-11.59	---	---	---	---	---	-2691.00	150.53
							4.07	-413.80	-3.51	---	---	---	---	---	-2691.00	110.16
5							0.00	-774.57	-37.68	---	---	---	---	---	-2691.00	166.49
							2.04	-759.22	-16.34	---	---	---	---	---	-2691.00	164.85
							4.07	-543.27	-4.40	---	---	---	---	---	-2691.00	134.63
7							0.00	-650.71	-33.58	---	---	---	---	---	-2691.00	151.32
							2.04	-649.17	-15.18	---	---	---	---	---	-2691.00	151.10
							4.07	-473.42	-2.42	---	---	---	---	---	-2691.00	122.02
9	-432.61	-0.02	0.00	46.43	0.02	0.02	0.00	-829.19	-34.77	0.04	0.05	0.05	0.50	0.69	-1240.32	122.95

							2.04	-781.89	-15.92	---	---	0.02	0.18	0.86	-1537.13	123.82
							4.07	-535.02	-3.13	---	---	0.02	0.22	0.83	-1494.96	112.87
10	-422.78	-0.02	0.00	46.43	0.02	0.02	0.00	-806.13	-35.56	0.04	0.06	0.06	0.52	0.69	-1229.54	123.49
							2.04	-762.47	-15.71	---	---	0.02	0.18	0.86	-1537.13	123.90
							4.07	-524.48	-2.59	---	---	0.02	0.22	0.84	-1498.55	111.83
11	-432.85	-0.02	0.00	46.43	0.02	0.02	0.00	-822.31	-35.82	0.04	0.06	0.06	0.51	0.69	-1231.36	123.13
							2.04	-779.94	-16.03	---	---	0.02	0.18	0.86	-1537.13	123.83
							4.07	-537.26	-2.82	---	---	0.02	0.22	0.83	-1494.87	113.09
12	-422.54	-0.02	0.00	46.43	0.02	0.02	0.00	-813.01	-34.51	0.04	0.05	0.05	0.50	0.69	-1238.39	123.35
							2.04	-764.42	-15.60	---	---	0.02	0.18	0.86	-1537.13	123.90
							4.07	-522.23	-2.90	---	---	0.02	0.22	0.84	-1498.64	111.60
1							4.07	-434.54	-3.16	---	---	---	---	---	-2484.00	103.53
							6.33	-314.87	-2.43	---	---	---	---	---	-2484.00	80.37
							8.58	-274.38	5.47	---	---	---	---	---	-2484.00	71.62
3							4.07	-359.84	-1.87	---	---	---	---	---	-2484.00	89.55
							6.33	-272.32	-0.60	---	---	---	---	---	-2484.00	71.16
							8.58	-238.39	3.18	---	---	---	---	---	-2484.00	63.44
5							4.07	-442.08	-2.95	---	---	---	---	---	-2484.00	104.86
							6.33	-311.50	-3.58	---	---	---	---	---	-2484.00	79.66
							8.58	-267.65	5.33	---	---	---	---	---	-2484.00	70.12
7							4.07	-373.84	-1.49	---	---	---	---	---	-2484.00	92.30
							6.33	-266.06	-2.74	---	---	---	---	---	-2484.00	69.76
							8.58	-225.90	2.92	---	---	---	---	---	-2484.00	60.52
9	-190.02	-0.02	0.00	80.79	0.05	0.05	4.07	-432.61	-1.33	---	---	0.02	0.21	0.82	-1354.39	89.90
							6.33	-335.08	1.33	-0.00	0.03	0.03	0.31	0.77	-1271.76	76.59
							8.58	-295.45	-0.06	---	---	0.05	0.54	0.66	-1089.74	70.03
10	-185.95	-0.02	0.00	80.79	0.05	0.05	4.07	-422.78	-0.95	---	---	0.02	0.21	0.82	-1354.39	88.74
							6.33	-330.74	1.31	-0.00	0.03	0.03	0.31	0.77	-1268.21	75.91
							8.58	-291.67	0.25	---	---	0.05	0.55	0.66	-1085.09	69.37
11	-189.69	-0.02	0.00	80.79	0.05	0.05	4.07	-432.85	-1.09	---	---	0.02	0.21	0.82	-1354.39	89.92
							6.33	-335.86	1.46	-0.00	0.03	0.03	0.31	0.77	-1268.38	76.72
							8.58	-295.98	0.27	---	---	0.05	0.54	0.66	-1089.37	70.12
12	-186.28	-0.02	0.00	80.79	0.05	0.05	4.07	-422.54	-1.19	0.00	0.03	0.03	0.30	0.77	-1278.17	88.71
							6.33	-329.96	1.19	---	---	0.03	0.27	0.79	-1302.11	75.78
							8.58	-291.14	-0.08	---	---	0.05	0.54	0.66	-1085.47	69.28
1							8.58	-212.08	6.13	---	---	---	---	---	-2277.00	51.93
							10.46	-151.45	3.34	---	---	---	---	---	-2277.00	38.39
3							8.58	-183.96	4.15	---	---	---	---	---	-2277.00	45.78
							10.46	-133.76	0.84	---	---	---	---	---	-2277.00	34.24
5							8.58	-195.18	5.12	---	---	---	---	---	-2277.00	48.26
							10.46	-133.43	5.14	---	---	---	---	---	-2277.00	34.16
7							8.58	-152.58	2.28	---	---	---	---	---	-2277.00	38.65
							10.46	-100.30	4.19	---	---	---	---	---	-2277.00	26.15
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-190.02	-0.27	---	---	0.02	0.20	0.83	-1260.62	44.56
							10.46	-133.25	2.74	---	---	0.02	0.20	0.83	-1260.62	32.86
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-185.95	0.10	---	---	0.02	0.20	0.83	-1260.62	43.77
							10.46	-130.32	2.64	---	---	0.02	0.20	0.83	-1260.62	32.22
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-189.69	0.07	---	---	0.02	0.20	0.83	-1260.62	44.50
							10.46	-132.71	2.87	---	---	0.02	0.20	0.83	-1260.62	32.74
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-186.28	-0.24	---	---	0.02	0.20	0.83	-1260.62	43.83
							10.46	-130.87	2.51	---	---	0.02	0.20	0.83	-1260.62	32.34

Verifiche per azioni nel piano

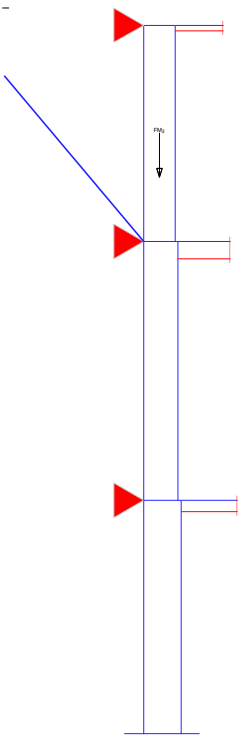
CC	Zv <m>	N <kN>	M _y <kNm>	M _u <kNm>	V _{Ed} <kN>	V _u <kN>
1	0.00	-809.22	0.00	811.85	76.56	216.88
1	2.04	-757.02	0.00	786.30	81.17	210.44
1	4.07	-511.17	0.00	616.24	69.12	176.94
3	0.00	-715.06	0.00	763.09	4.71	205.11
3	2.04	-645.09	0.00	719.05	5.64	195.90
3	4.07	-413.80	0.00	526.20	13.94	161.76
5	0.00	-774.57	0.00	795.31	131.94	212.62
5	2.04	-759.22	0.00	787.46	138.91	210.71
5	4.07	-543.27	0.00	643.11	104.44	181.66
7	0.00	-650.71	0.00	722.83	107.56	196.65
7	2.04	-649.17	0.00	721.80	112.87	196.44
7	4.07	-473.42	0.00	582.86	79.52	171.22
9	0.00	-829.19	0.00	587.32	1.19	176.35
9	2.04	-781.89	0.00	591.47	1.30	171.57
9	4.07	-535.02	0.00	539.19	1.65	144.04
10	0.00	-806.13	-0.00	589.91	1.19	174.03
10	2.04	-762.47	-0.00	591.85	1.30	169.56
10	4.07	-524.48	-0.00	534.20	1.65	142.75
11	0.00	-822.31	0.00	588.20	8.86	175.66
11	2.04	-779.94	0.00	591.54	8.87	171.37
11	4.07	-537.26	0.00	540.22	5.64	144.32
12	0.00	-813.01	-0.00	589.25	8.86	174.73
12	2.04	-764.42	-0.00	591.85	8.87	169.77

12	4.07	-522.23	-0.00	533.10	5.64	142.47
1	4.07	-434.54	0.00	535.78	67.60	144.93
1	6.33	-314.87	0.00	415.94	60.34	126.80
1	8.58	-274.38	0.00	370.62	49.98	120.05
3	4.07	-359.84	0.00	463.44	10.16	133.90
3	6.33	-272.32	0.00	368.25	6.64	119.69
3	8.58	-238.39	0.00	328.31	2.30	113.71
5	4.07	-442.08	0.00	542.63	107.40	146.00
5	6.33	-311.50	0.00	412.26	99.56	126.25
5	8.58	-267.65	0.00	362.86	87.32	118.89
7	4.07	-373.84	0.00	477.63	84.07	136.04
7	6.33	-266.06	0.00	361.01	79.46	118.61
7	8.58	-225.90	0.00	313.18	71.64	111.42
9	4.07	-432.61	0.00	465.21	1.37	115.14
9	6.33	-335.08	0.00	396.38	0.87	102.87
9	8.58	-295.45	0.00	362.41	0.52	97.44
10	4.07	-422.78	-0.00	459.22	1.37	113.97
10	6.33	-330.74	-0.00	392.82	0.87	102.28
10	8.58	-291.67	-0.00	358.99	0.52	96.90
11	4.07	-432.85	0.00	465.35	5.41	115.17
11	6.33	-335.86	0.00	397.01	4.64	102.97
11	8.58	-295.98	0.00	362.88	3.95	97.51
12	4.07	-422.54	-0.00	459.08	5.41	113.94
12	6.33	-329.96	-0.00	392.18	4.64	102.18
12	8.58	-291.14	-0.00	358.51	3.95	96.83
1	8.58	-212.08	0.00	293.17	37.72	118.22
1	10.46	-151.45	0.00	216.73	25.86	104.72
3	8.58	-183.96	0.00	258.45	0.05	112.16
3	10.46	-133.76	0.00	193.31	3.14	100.44
5	8.58	-195.18	0.00	272.46	68.60	114.62
5	10.46	-133.43	0.00	192.87	51.74	100.36
7	8.58	-152.58	0.00	218.20	57.29	104.99
7	10.46	-100.30	0.00	147.64	44.92	91.79
9	8.58	-190.02	0.00	251.56	0.39	88.44
9	10.46	-133.25	0.00	185.51	0.16	77.09
10	8.58	-185.95	-0.00	247.09	0.39	87.68
10	10.46	-130.32	-0.00	181.89	0.16	76.46
11	8.58	-189.69	0.00	251.20	2.92	88.38
11	10.46	-132.71	0.00	184.84	2.21	76.97
12	8.58	-186.28	-0.00	247.45	2.92	87.74
12	10.46	-130.87	-0.00	182.57	2.21	76.58

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.	Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.62	1.59	1.89	0.00	4.07	4	SLD	0.43	1.12	2.69	0.00	4.07	6	SLD	0.68	1.76	1.71
0.00	4.07	8	SLD	0.52	1.33	2.25	4.07	8.58	2	SLD	0.53	1.27	2.37	4.07	8.58	4	SLD	0.36	0.86	3.49
4.07	8.58	6	SLD	0.61	1.45	2.07	4.07	8.58	8	SLD	0.47	1.12	2.68	8.58	12.35	2	SLD	0.45	1.23	2.44
8.58	12.35	4	SLD	0.35	0.94	3.17	8.58	12.35	6	SLD	0.48	1.31	2.29	8.58	12.35	8	SLD	0.39	1.06	2.84

Verifiche cinematici
Ribalt. a z=8.58

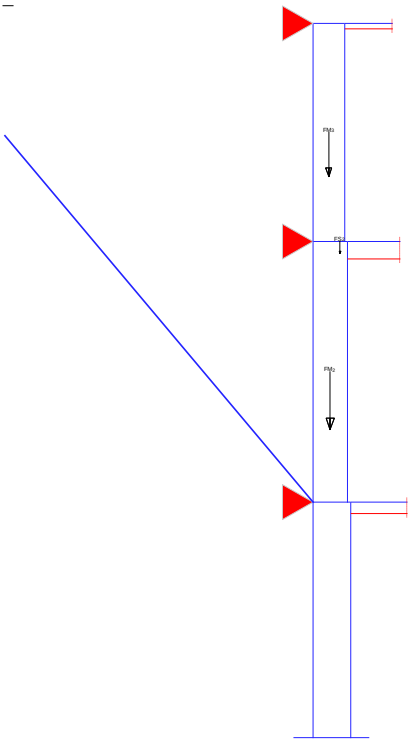


Elenco forze agenti

N	F _x	F _z	X _g	Z _g	Commento
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^{*}=13782.10 <kg>
Frazione di massa partecipante e^{*}=1.00
Analisi cinematica non lineare
Capacità di spostamento ultimo d_v^{*}=110.00 <mm>
Domanda di spostamento [C8A.4.11]=117.49 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.9362
Domanda di spostamento amplificata [C8A.4.12]=98.02 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1222

Ribalt. a z=4.07

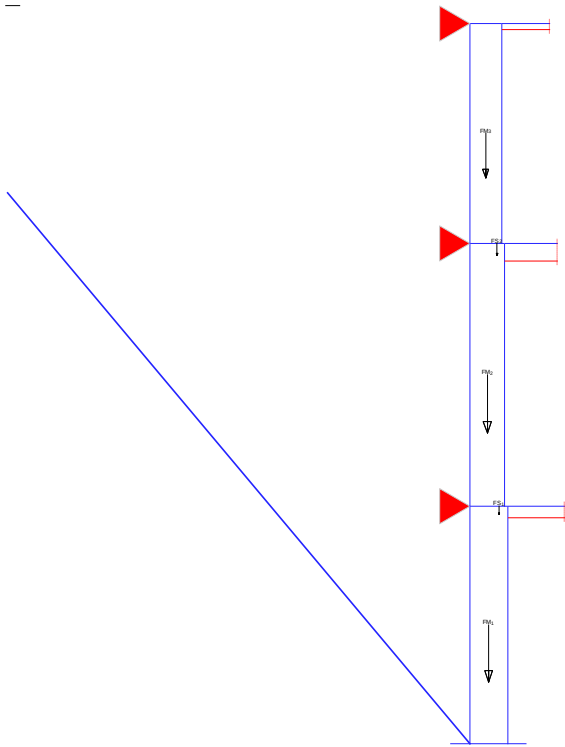


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=29027.30$ <kg>
Frazione di massa partecipante $e^*=0.82$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=151.02$ <mm>
Domanda di spostamento [C8A.4.11]=173.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8716
Domanda di spostamento amplificata [C8A.4.12]=60.54 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4946

Ribalt. a z=0.00

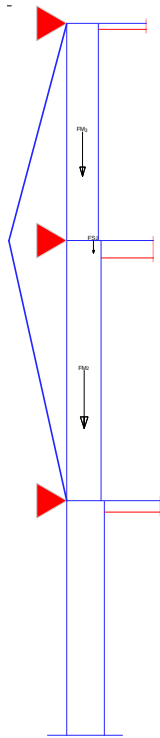


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		172.50	0.00	2.04	Peso maschio piano 1
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3
FS ₁		25.23	0.18	4.07	Peso solaio piano 1
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=43229.00$ <kg>
Frazione di massa partecipante $e^*=0.78$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=166.35$ <mm>
Domanda di spostamento [C8A.4.11]=191.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=0.8694

Fless. a z= 8.58 da z= 4.07 a z=12.35

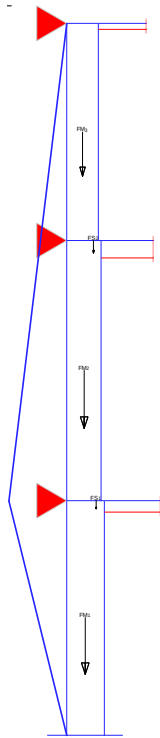


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=32991.90$ <kg>
Frazione di massa partecipante $e^*=0.93$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=92.17$ <mm>
Domanda di spostamento [C8A.4.11]=78.94 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1676
Domanda di spostamento amplificata [C8A.4.12]=78.75 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1704

Fless. a z= 4.07 da z= 0.00 a z=12.35

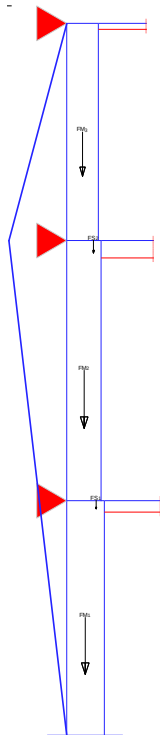


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		172.50	0.00	2.04	Peso maschio piano 1
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3
FS ₁		25.23	0.18	4.07	Peso solaio piano 1
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^*=47764.20$ <kg>
Frazione di massa partecipante $e^*=0.86$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=109.92$ <mm>
Domanda di spostamento [C8A.4.11]=75.51 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4558

Fless. a z= 8.58 da z= 0.00 a z=12.35

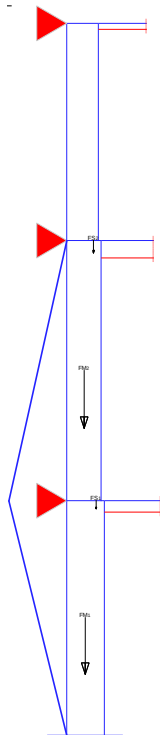


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		172.50	0.00	2.04	Peso maschio piano 1
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FM ₃		135.20	-0.05	10.46	Peso maschio piano 3
FS ₁		25.23	0.18	4.07	Peso solaio piano 1
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismp $M^*=46306.40$ <kg>
Frazione di massa partecipante $e^*=0.83$
Analisi cinematica non lineare
Capacità di spostamento ultimo $d_u^*=126.19$ <mm>
Domanda di spostamento [C8A.4.11]=117.65 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0726

Fless. a z= 4.07 da z= 0.00 a z= 8.58



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM ₁		172.50	0.00	2.04	Peso maschio piano 1
FM ₂		176.44	-0.02	6.33	Peso maschio piano 2
FS ₁		25.23	0.18	4.07	Peso solaio piano 1
FS ₂		37.17	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo $M^*=36147.10$ <kg>
 Frazione di massa partecipante $e^*=0.86$
 Analisi cinematica non lineare
 Capacità di spostamento ultimo $d_u^*=75.43$ <mm>
 Domanda di spostamento [C8A.4.11]=59.96 <mm>
 Indicatore di rischio in termini di accelerazione α (A_g)=1.2582

Criteri di analisi geotecnica e progetto delle fondazioni
Fondazioni superficiali

Generali	
Generali	
Condizioni di calcolo per terreni coesivi sottofalda	Non drenate
Calcolo di a' dal rapporto con c'	1.00
Calcolo di a_u dal rapporto con c_u	1.00
Calcolo di σ' dal rapporto con ϕ'	1.00
Considera l'angolo di attrito in deformazione piana per fondazioni nastriformi	No
Calcolo dei parametri rappresentativi per terreni stratificati	Media pesata
-Calcola i valori medi dell'angolo di attrito secondo la sua tangente	No
Capacità portante in condizioni statiche	
Calcolo della capacità portante per rottura generale	Brinch - Hansen (1970)
-Combinazione dei fattori di forma e di inclinazione del carico	Considera solo i fattori di forma
-Considera il fattore di riduzione per platee	No
-Considera gli effetti dell'eccentricità del carico con un unico fattore riduttivo	No
Considera eccentricità e inclinazione dei carichi attraverso domini di interazione	No
-Parametro correttivo del momento	0.00
-Parametro correttivo del carico orizzontale	0.00
Calcolo della capacità portante per rottura locale	No
	Vesic (1975)
Calcolo della capacità portante per rottura per punzonamento	No
Calcolo della capacità portante per scorrimento	No
-Percentuale di carico orizzontale assorbito dai cordoli <%>	0.00

-Percentuale di spinta passiva mobilitata <%>	0.00
Calcolo della capacità portante per sollevamento	Si
Capacità portante in condizioni sismiche	
Calcolo della capacità portante per rottura generale	Metodo scelto per le condizioni statiche
Riduzione dell'angolo d'attrito per terreni incoerenti ben addensati	Si
-Pari a	0.00
Calcolo della capacità portante per scorrimento	No
-Percentuale di carico orizzontale assorbito dai cordoli <%>	0.00
-Percentuale di spinta passiva mobilitata <%>	0.00
Cedimenti	
Cedimenti	Terzaghi (1955)
-Costante di sottofondo standardizzata k_1	2935000.00
Considera pressioni di esercizio al netto delle tensioni litostatiche	No
Calcola costante di sottofondo per pressioni di esercizio	No
Limita costante di sottofondo ad un valore	No

Fondazioni profonde

Generali	
Generali	
Calcolo capacità portante per carichi verticali	Secondo formule statiche
Considera capacità portante	Entrambe
Condizioni di calcolo per terreni coesivi sotto falda	Sia drenate che non drenate
Calcolo della profondità critica	No
Effettua calcolo elasto-plastico per cedimenti	Si
Effettua calcolo elasto-plastico per spostamenti orizzontali	Si
Rapporto di elasticità trazione/compressione pari a	1.00
Fattori di correlazione	1.70
Considera fattori di correlazione anche per carichi orizzontali	No
Considera peso del palo	No
Attrito laterale limite da prove in sito	
Correlato con prove CPT	No
Correlato con prove SPT	No
Fattore di riduzione attrito laterale per pali trivellati	No
Pressione limite alla base da prove in sito	
Correlata con prove CPT	No
Correlata con prove SPT	No
Fattore di riduzione pressione limite alla base per pali trivellati	No
Spostamenti orizzontali	
Spostamenti orizzontali	Risposta elastica in funzione della stratigrafia

Specifici	1	2	3	4	5	6	7	8	9	10
Attrito laterale limite										
Calcolo dell'attrito laterale limite	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Condizioni non drenate										
-Calcolo di α										
-Pari a										
-A.G.I. (1984)	x	x	x	x	x	x	x	x	x	x
-A.P.I. (1984)										
-Viggiani (1999)										
-Olson e Dennis (1982)										
-Stas e Kulhavy (1984)										
-Skempton (1986)										
-Reese e O'Neill (1989)										
-Metodo di Bustamente e Doix (1985) per micropali	No	No	No	No	No	No	No	No	No	No
-Iniezioni ripetute	x	x	x	x	x	x	x	x	x	x
-Unica iniezione										
-Condizioni drenate										
-Calcolo di β										
-Pari a	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
-Reese e O'Neill (1989)										
-Calcolato										
-Calcolo di k										
-Pari a										
-Dal rapporto con k_0 pari a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Fleming (1985)										
-Calcolo di δ										
-Pari a <grad>										
-Dal rapporto con ϕ' pari a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Fascicolo dei calcoli

-Calcolo di a' dal rapporto con c'	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Calcolo dell'attrito laterale limite per trazione										
-Considera i risultati del calcolo per l'attrito laterale limite percompressione con un fattore di riduzione pari a	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66
-Sowa (1970)	No	No	No	No	No	No	No	No	No	No
-Bowles (1991)	No	No	No	No	No	No	No	No	No	No
Considera l'effetto dell'attrito negativo	No	No	No	No	No	No	No	No	No	No
-Coefficiente di Lambe										
Pressione limite alla base										
Calcolo della pressione limite alla base del palo	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Terzaghi (1943)	x	x	x	x	x	x	x	x	x	x
-Meyerhof (1963)										
-Hansen (1970)										
-Vesic (1975)										
-Berezantzev (1961)										
-Berezantzev (1965)										
-Stagg e Zienkiewicz (1968)										
-Relazione generale, coefficienti di capacità portante										
-In condizioni drenate										
-N _q										
-N _c										
-In condizioni non drenate										
-N _c										
-Fattore di riduzione per terreni coesivi sovraconsolidati	No	No	No	No	No	No	No	No	No	No
Cedimenti										
Risposta elastica laterale										
-Calcolata dalla rigidezza dello strato	x	x	x	x	x	x	x	x	x	x
-Coefficiente di influenza	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
-Pari a <daN/mq>										
Risposta elastica alla base										
-Calcolata dalla rigidezza dello strato	x	x	x	x	x	x	x	x	x	x
-Pari a <daN/mq>										
Spostamenti orizzontali										
Risposta elastica										
-Vesic (1961)										
-Broms (1964)										
-Glick (1948)										
-Chen (1978)										
-Pari a <daN/mq>										
-Dal modulo elastico	x	x	x	x	x	x	x	x	x	x
-Coefficiente effetto tridimensionale	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Resistenza limite										
-Calcolata dai parametri plastici	x	x	x	x	x	x	x	x	x	x
-Coefficiente effetto tridimensionale resistenza per attrito	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
-Coefficiente effetto tridimensionale resistenza per coesione	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
-Pari a <daN/mq>										

Caratterizzazione

	1	2	3	4	5	6	7	8	9	10
Specifici										
Informazioni preliminari										
Coefficiente di uniformità	No	No	No	No	No	No	No	No	No	No
-Pari a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Definizione della composizione granulometrica, per terreni incoerenti	No	No	No	No	No	No	No	No	No	No
-Sabbia fine uniforme	x	x	x	x	x	x	x	x	x	x
-Sabbia fine ben gradata - sabbia media uniforme										
-Sabbia media ben gradata - sabbia grossa uniforme										
-Sabbia e ghiaia - ghiaia media										
Definizione indici compressibilità edometrica, per terreni coesivi	No	No	No	No	No	No	No	No	No	No
-Indice di compressione (Cc)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Indice di ricomprensione (Cr)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-Considera incremento preconsolidazione costante	No	No	No	No	No	No	No	No	No	No
-Pari a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Correggi NSPT se la misura è sottofalda	No	No	No	No	No	No	No	No	No	No
Densità relativa										
Correlata con prove SPT										
-Terzaghi e Peck (1948)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Gibbs e Holtz (1957)	No	No	No	No	No	No	No	No	No	No
-Meyerhof (1957)	No	No	No	No	No	No	No	No	No	No
-Schultze e Menzenbach (1961)	No	No	No	No	No	No	No	No	No	No
-Bazaara (1967)	No	No	No	No	No	No	No	No	No	No

Fascicolo dei calcoli

-Marcuson e Bieganousky (1977)	No	No	No	No	No	No	No	No	No	No
-Skempton (1986)	No	No	No	No	No	No	No	No	No	No
Correlata con prove CPT										
-Schmertmann (1976)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Jamiolkowski et al. (1985)	No	No	No	No	No	No	No	No	No	No
-Baldi et al. (1986)	No	No	No	No	No	No	No	No	No	No
Elaborazione dei risultati										
-Valore medio	x	x	x	x	x	x	x	x	x	x
-Valore minore										
Angolo d'attrito										
Correlato con prove SPT										
-Terzaghi e Peck (1948)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Schmertmann (1975)	No	No	No	No	No	No	No	No	No	No
-Wolff (1989)	No	No	No	No	No	No	No	No	No	No
-Hatanaka e Uchida (1996)	No	No	No	No	No	No	No	No	No	No
-Road Bridge Specification	No	No	No	No	No	No	No	No	No	No
-Owasaki e Iwasaki	No	No	No	No	No	No	No	No	No	No
-Japanese National Railway	No	No	No	No	No	No	No	No	No	No
-Peck-Hanson e Thornburn	No	No	No	No	No	No	No	No	No	No
-De Mello	No	No	No	No	No	No	No	No	No	No
Correlato con prove CPT										
-Robertson e Campanella (1983)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Durgunoglu e Mitchell	No	No	No	No	No	No	No	No	No	No
-Caquot	No	No	No	No	No	No	No	No	No	No
Correlata con proprietà indice										
-In funzione della densità relativa, per terreni incoerenti	No	No	No	No	No	No	No	No	No	No
-In funzione dell'indice di plasticità, per terreni coesivi	No	No	No	No	No	No	No	No	No	No
Elaborazione dei risultati										
-Valore medio	x	x	x	x	x	x	x	x	x	x
-Valore minore										
Coesione non drenata										
Correlata con prove SPT										
-Hara et al. (1971)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Stroud (1974)	No	No	No	No	No	No	No	No	No	No
Correlata con prove CPT										
-Mayne e Kemper (1988)	Si	Si	Si	Si	Si	Si	Si	Si	Si	Si
-Lunne e Eide	No	No	No	No	No	No	No	No	No	No
Correlata con proprietà indice										
-Bjerrum e Simons (1960)	No	No	No	No	No	No	No	No	No	No
-Skempton (1953)	No	No	No	No	No	No	No	No	No	No
-Calcolata da $\sigma'v_0$ con moltiplicatore pari a	No	No	No	No	No	No	No	No	No	No
Pari a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Elaborazione dei risultati										
-Valore medio	x	x	x	x	x	x	x	x	x	x
-Valore minore										
Caratteristiche litostatiche										
Grado di sovraconsolidazione										
-Correlato con prove SPT										
-Mayne e Kemper (1988)	No	No	No	No	No	No	No	No	No	No
-Correlato con prove CPT										
-Mayne e Kemper (1988)	No	No	No	No	No	No	No	No	No	No
-Elaborazione dei risultati										
-Valore medio	x	x	x	x	x	x	x	x	x	x
-Valore minore										
Coefficiente di spinta a riposo										
-Calcolo di k_0 (NC)										
-Jaky (1936)	x	x	x	x	x	x	x	x	x	x
-Brooker e Ireland (1965)										
-Alpan (1967)										
-Massarsch (1979)										
-Correlato con Dr										
-Calcolato dal coefficiente di Poisson										
-Calcolo di α										
-Pari a										
-Kulhawy (1989)	x	x	x	x	x	x	x	x	x	x
-Alpan (1967) per terreni coesivi										
-Alpan (1967) per terreni incoerenti										
-Correlato con Dr										
Parametri elastici										
Correlati con prove GFS										
Correlati con prove SPT										
-Stroud e Butler (1975)										
-Stroud (1989)	x	x	x	x	x	x	x	x	x	x
-Schmertmann (1978)										
-Farrent										

-Menzenbach e Malcev											
-D'Appolonia											
-Schulze e Menzenbach											
-Crespellani e Vannucchi											
-Ohsaki e Iwasaki, per sabbie											
-Ohsaki e Iwasaki, per sabbie con fini											
Correlati con prove CPT											
-Schmertmann (1977)											
-Robertson e Campanella (1983)											
-Kulhawy e Mayne (1990)											
-Rix e Stokoe (1992)											
-Mayne e Rix (1993)											
Fattore correttivo	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Geotecnica

Elenco colonne stratigrafiche

Simbologia

St. = Strato

z = Profondità della superficie superiore dello strato

Unità geotecnica = Unità geotecnica

Class. = Classificazione

Coes. = Coesivo

Inc. = Incoerente

Roc. = Roccia

N. c. = Non classificato

Colonna stratigrafica numero 1

St.	z <m>	Unità geotecnica	Class.	St.	z <m>	Unità geotecnica	Class.	St.	z <m>	Unità geotecnica	Class.
1	0.00	2 Riporto	Inc.	2	2.10	3 Sabbia ghiaiosa	Inc.	3	6.05	4 Limo argilloso	Coes.
4	10.90	5 Roccia	Roc.								

Falda a profondità: 0.00 m

Elenco unità geotecniche

1 Deposito Alluvionale_Ghiaia e ciottoli sabbiosi limosi addensati:

Classificazione: Incoerente

Pesi:

- Peso specifico del terreno naturale: $\gamma = 10.69$ kN/mc
- Peso specifico del terreno saturo: $\gamma_{sat} = 20.50$ kN/mc

Parametri plastici:

- Angolo di attrito efficace: $\phi' = 37.62$ grad
- Coesione efficace: $c' = 0.00$ kN/mq

Caratteristiche litostatiche:

- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: $\kappa_0 = 0.50$

2 Riporto:

Classificazione: Incoerente

Pesi:

- Peso specifico del terreno naturale: $\gamma = 20.50$ kN/mc
- Peso specifico del terreno saturo: $\gamma_{sat} = 20.69$ kN/mc

Parametri plastici:

- Angolo di attrito efficace: $\phi' = 34.87$ grad
- Coesione efficace: $c' = 0.01$ kN/mq

Caratteristiche litostatiche:

- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: $\kappa_0 = 1.00$

3 Sabbia ghiaiosa:

Classificazione: Incoerente

Pesi:

- Peso specifico del terreno naturale: $\gamma = 20.50$ kN/mc
- Peso specifico del terreno saturo: $\gamma_{sat} = 20.69$ kN/mc

Parametri plastici:

- Angolo di attrito efficace: $\phi' = 34.87$ grad
- Coesione efficace: $c' = 0.01$ kN/mq

Caratteristiche litostatiche:

- Grado di sovraconsolidazione: $OCR = 1.00$
- Coeff. di spinta a riposo: $\kappa_0 = 1.00$

4 Limo argilloso:

Classificazione: Coesivo

- Pesi:
- Peso specifico del terreno naturale: $\gamma = 19.25 \text{ kN/mc}$
 - Peso specifico del terreno saturo: $\gamma_{sat} = 19.25 \text{ kN/mc}$
- Parametri plastici:
- Angolo di attrito efficace: $\phi' = 0.01 \text{ grad}$
 - Coesione efficace: $c' = 0.01 \text{ kN/mq}$
 - Coesione non drenata: $c_u = 201.53 \text{ kN/mq}$
- Caratteristiche litostatiche:
- Grado di sovraconsolidazione: $OCR = 1.00$
 - Coeff. di spinta a riposo: $\kappa_0 = 1.00$

5 Roccia:

Classificazione: Roccia

- Pesi:
- Peso specifico del terreno naturale: $\gamma = 25.00 \text{ kN/mc}$
 - Peso specifico del terreno saturo: $\gamma_{sat} = 25.00 \text{ kN/mc}$
- Parametri plastici:
- Angolo di attrito efficace: $\phi' = 40.00 \text{ grad}$
 - Coesione efficace: $c' = 5.00 \text{ kN/mq}$
- Caratteristiche litostatiche:
- Coeff. di spinta a riposo: $\kappa_0 = 0.25$

Report grafico complessivo

Colonna stratigrafica numero 1

- Simbologia**
- St. = Strato
 - z = Profondità della superficie superiore dello strato
 - Unità geotecnica = Unità geotecnica
 - Class. = Classificazione
 - Coes. = Coesivo
 - Inc. = Incoerente
 - Roc. = Roccia
 - N. c. = Non classificato
 - γ = Peso specifico del terreno naturale
 - γ_{sat} = Peso specifico del terreno saturo
 - D_r = Densità relativa
 - I_p = Indice di plasticità
 - ϕ' = Angolo di attrito efficace
 - c' = Coesione efficace
 - c_u = Coesione non drenata
 - OCR = Grado di sovraconsolidazione
 - κ_0 = Coeff. di spinta a riposo
 - Crit. = Criterio di progetto

St.	z <m>	Unità geotecnica	Class.	γ <kN/mc>	γ_{sat} <kN/mc>	D_r	I_p	ϕ' <grad>	c' <kN/mq>	c_u <kN/mq>	OCR	κ_0	Crit.
1	0.00	2 Riporto	Inc.	20.50	20.69			34.87	0.01		1.00	1.00	1
2	2.10	3 Sabbia ghiaiosa	Inc.	20.50	20.69			34.87	0.01		1.00	1.00	1
3	6.05	4 Limo argilloso	Coes.	19.25	19.25			0.01	0.01	201.53	1.00	1.00	1
4	10.90	5 Roccia	Roc.	25.00	25.00			40.00	5.00			0.25	1

- Simbologia**
- St. = Strato
 - z = Profondità della superficie superiore dello strato
 - Unità geotecnica = Unità geotecnica
 - Class. = Classificazione
 - Coes. = Coesivo
 - Inc. = Incoerente
 - Roc. = Roccia
 - N. c. = Non classificato
 - γ = Peso specifico del terreno naturale
 - γ_{sat} = Peso specifico del terreno saturo
 - D_r = Densità relativa
 - I_p = Indice di plasticità
 - ϕ' = Angolo di attrito efficace
 - c' = Coesione efficace
 - c_u = Coesione non drenata

Fascicolo dei calcoli

OCR = Grado di sovraconsolidazione
 κ_0 = Coeff. di spinta a riposo
 Crit. = Criterio di progetto

St.	z <m>	E <kN/mq>	G <kN/mq>	k_j	ν	E_{ed} <kN/mq>	E_u <kN/mq>	Crit.
1	0.00							1
3	6.05							1

St.	z <m>	E <kN/mq>	G <kN/mq>	k_j	ν	E_{ed} <kN/mq>	E_u <kN/mq>	Crit.
2	2.10							1
4	10.90							1

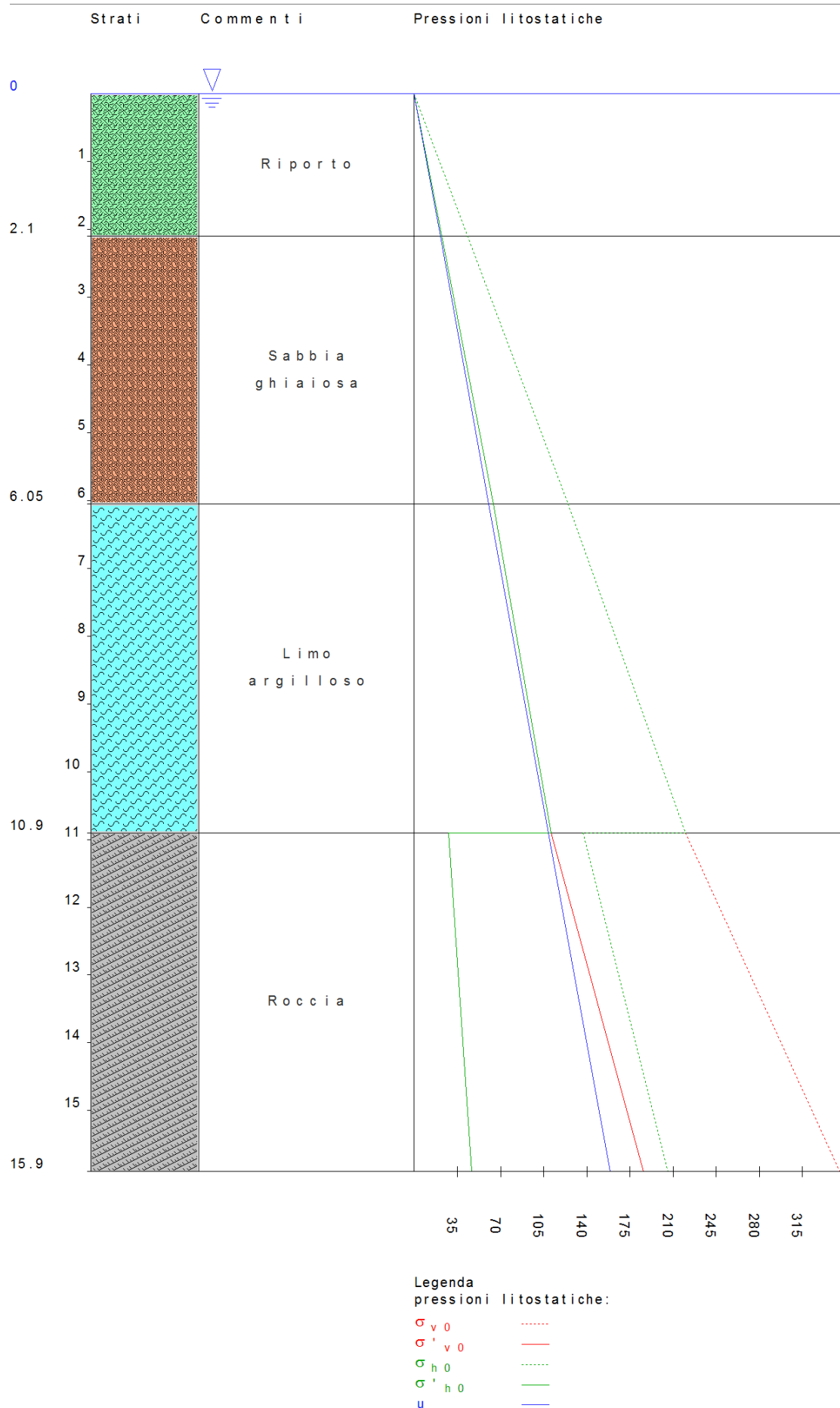


Figura numero 3: Colonna stratigrafica numero 1 Palazzo Comunale, Barberino del Mugello (Fi)

Le verifiche degli elementi di fondazione sono state effettuate utilizzando l'approccio 2.

Coefficienti parziali per le azioni, per verifiche in condizioni statiche:

Permanenti strutturali, sicurezza a favore $\gamma_A = 1.00$;
 Permanenti strutturali, sicurezza a sfavore $\gamma_A = 1.30$;
 Permanenti non strutturali, sicurezza a favore $\gamma_A = 0.00$;
 Permanenti non strutturali, sicurezza a sfavore $\gamma_A = 1.50$;
 Variabili, sicurezza a favore $\gamma_A = 0.00$;
 Variabili, sicurezza a sfavore $\gamma_A = 1.50$.

I coefficienti parziali per le azioni sono posti pari all'unità per le verifiche in condizioni sismiche.

Tali coefficienti sono comunque desumibili dalla tabella delle combinazioni delle CCE (Parametri di calcolo).

Coefficienti parziali per i parametri geotecnici:

Tangente dell'angolo di attrito $\gamma_M = 1.00$;
 Coesione efficace $\gamma_M = 1.00$;
 Coesione non drenata $\gamma_M = 1.00$;

Coefficienti parziali per la resistenza delle fondazioni superficiali:

Capacità portante $\gamma_R = 2.30$;
 Scorrimento $\gamma_R = 1.10$;

Fondazioni superficiali

Simbologia

B = Base della fondazione
 L = Lunghezza della fondazione ($L > B$)
 D = Profondità del piano di posa della fondazione
 β = Inclinazione del piano di campagna
 η = Inclinazione del piano di posa della fondazione
 γ_r = Peso specifico rappresentativo del terreno di fondazione
 $\sigma_{v0,f}$ = Pressione verticale alla profondità del piano di posa della fondazione
 ϕ'_r = Angolo di attrito rappresentativo del terreno di fondazione
 c'_r = Coesione efficace rappresentativa del terreno di fondazione
 N_q = Coefficiente di capacità portante relativo al sovraccarico laterale
 N_c = Coefficiente di capacità portante relativo alla coesione del terreno di fondazione
 N_g = Coefficiente di capacità portante relativo al peso del terreno di fondazione
 g_q = Fattore di inclinazione del piano di campagna relativo a sovraccarico laterale
 g_c = Fattore di inclinazione del piano di campagna relativo a coesione
 g_g = Fattore di inclinazione del piano di campagna relativo a peso del terreno
 b_q = Fattore di inclinazione del piano di fondazione relativo a sovraccarico laterale
 b_c = Fattore di inclinazione del piano di fondazione relativo a coesione
 b_g = Fattore di inclinazione del piano di fondazione relativo a peso del terreno
 CC = Numero della combinazione delle condizioni di carico elementari
 N = Sforzo normale
 Tx = Taglio in dir. X
 Ty = Taglio in dir. Y
 Mx = Momento intorno all'asse X
 My = Momento intorno all'asse Y
 B' = Base della fondazione reagente
 L' = Lunghezza della fondazione reagente
 s_q = Fattore di forma relativo al sovraccarico laterale
 s_c = Fattore di forma relativo alla coesione
 s_g = Fattore di forma relativo al peso del terreno
 d_q = Fattore di profondità relativo al sovraccarico laterale
 d_c = Fattore di profondità relativo alla coesione
 i_q = Fattore di inclinazione relativo al sovraccarico laterale
 i_c = Fattore di inclinazione relativo alla coesione
 i_g = Fattore di inclinazione relativo al peso del terreno
 q_{lim} = Pressione limite
 R_d = Resistenza di progetto (Carico limite)
 Sic. = Sicurezza a rottura

Verifiche capacità portante

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 601

$B=0.90$ <m> $L=25.15$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,f}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\phi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$

b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	7440.35	-158.68	-0.85	-18.72	-351.08	0.89	25.06	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.62	14406.10	1.94
10	7437.57	-22.21	0.50	-18.65	168.91	0.89	25.10	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.59	14434.30	1.94
11	7327.51	-89.97	-22.13	-16.60	-45.97	0.90	25.14	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.64	14461.50	1.97
12	7550.41	-90.92	21.78	-20.77	-136.20	0.89	25.11	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.52	14431.10	1.91

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 603

B=0.70 <m> L=5.70 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1320.41	-33.52	-40.57	0.01	-131.09	0.70	5.50	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.11	2498.28	1.89
10	1305.10	-5.53	-39.85	0.01	-112.84	0.70	5.53	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.88	2509.54	1.92
11	1316.77	-18.87	-45.50	-0.12	-124.07	0.70	5.51	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.99	2502.06	1.90
12	1308.74	-20.18	-34.92	0.13	-119.86	0.70	5.52	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.94	2504.28	1.91

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 604

B=0.90 <m> L=25.15 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	8268.91	-182.00	-179.28	-39.83	-9.69	0.89	25.15	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.94	14378.10	1.74
10	8265.47	-33.27	-182.00	-39.47	583.71	0.89	25.01	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.03	14300.90	1.73
11	8383.39	-109.03	-205.55	-42.01	289.59	0.89	25.08	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.93	14333.50	1.71
12	8150.99	-106.24	-155.73	-37.29	284.43	0.89	25.08	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.04	14348.30	1.76

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 605

B=0.90 <m> L=12.86 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	4311.84	-88.12	-66.96	-28.14	-427.18	0.89	12.66	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.47	7272.75	1.69
10	4398.06	-63.45	-66.99	-30.86	-432.90	0.89	12.66	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.32	7264.73	1.65
11	4356.74	-75.55	-103.94	-29.50	-565.29	0.89	12.60	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.53	7233.79	1.66
12	4353.16	-76.02	-30.02	-29.51	-294.79	0.89	12.72	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.27	7303.64	1.68

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 606

B=0.70 <m> L=5.58 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

$\phi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1180.09	-30.36	-59.26	0.55	72.67	0.70	5.46	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.33	2477.40	2.10
10	1189.97	-21.37	-58.87	0.36	71.54	0.70	5.46	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.36	2479.92	2.08
11	1175.18	-25.58	-75.93	0.47	64.84	0.70	5.47	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.23	2483.53	2.11
12	1194.87	-26.15	-42.20	0.44	79.38	0.70	5.45	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.45	2473.89	2.07

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 606

$B=0.70$ <m> $L=7.28$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\phi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1678.15	-20.10	-64.95	-1.68	-211.29	0.70	7.02	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.78	3156.09	1.88
10	1694.03	-10.01	-69.82	-1.99	-209.41	0.70	7.03	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.70	3156.40	1.86
11	1692.14	-16.58	-90.11	-1.87	-230.16	0.70	7.00	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.86	3146.24	1.86
12	1680.04	-13.54	-44.66	-1.80	-190.55	0.70	7.05	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.62	3166.33	1.88

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 607

$B=0.70$ <m> $L=5.59$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\phi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1169.02	-46.24	0.93	1.93	-154.65	0.70	5.33	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.19	2410.99	2.06
10	1170.47	-36.51	5.93	2.13	-158.68	0.70	5.32	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.20	2406.88	2.06
11	1175.57	-41.44	-4.67	2.05	-168.38	0.70	5.31	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.38	2400.75	2.04
12	1163.92	-41.31	11.52	2.01	-144.95	0.70	5.35	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.02	2417.20	2.08

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 608

$B=0.70$ <m> $L=12.86$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\phi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	2664.84	-135.05	-93.22	1.36	15.63	0.70	12.85	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.88	5712.04	2.14
10	2655.56	-107.57	-94.69	1.55	-5.39	0.70	12.86	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.85	5714.13	2.15
11	2658.15	-121.50	-130.19	1.43	-70.02	0.70	12.81	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.94	5693.59	2.14
12	2662.24	-121.12	-57.71	1.47	80.27	0.70	12.80	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.95	5690.02	2.14

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 609

B=0.70 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	2498.71	83.49	-95.51	1.85	-830.73	0.70	12.20	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.98	5422.15	2.17
10	2517.25	116.40	-98.02	1.65	-839.56	0.70	12.19	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1464.01	5422.65	2.15
11	2506.63	99.43	-125.50	1.75	-900.13	0.70	12.14	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1464.10	5399.56	2.15
12	2509.34	100.45	-68.03	1.75	-770.15	0.70	12.25	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.90	5445.22	2.17

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 610

B=0.70 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	2880.57	-42.73	-151.62	-3.08	-335.06	0.70	12.63	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.11	5605.72	1.95
10	2871.45	-18.92	-148.01	-2.69	-325.21	0.70	12.63	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.14	5610.68	1.95
11	2875.75	-31.22	-193.83	-2.90	-410.41	0.70	12.57	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.22	5583.66	1.94
12	2876.27	-30.43	-105.79	-2.87	-249.86	0.70	12.69	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.03	5632.72	1.96

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 611

B=0.90 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	4403.04	-23.11	-72.13	-23.18	-192.53	0.89	12.77	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.61	7357.89	1.67
10	4293.29	1.43	-74.73	-21.03	-186.25	0.89	12.77	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.71	7364.86	1.72
11	4347.92	-11.41	-114.17	-22.11	-334.70	0.89	12.71	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.80	7323.45	1.68
12	4348.41	-10.27	-32.69	-22.10	-44.07	0.89	12.84	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.53	7399.21	1.70

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 613

B=0.70 <m> L=5.13 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1046.12	-19.25	-20.21	0.91	102.94	0.70	4.93	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.68	2243.05	2.14
10	1057.08	-8.47	-20.35	0.93	107.56	0.70	4.93	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.75	2240.05	2.12
11	1049.48	-13.98	-28.50	0.99	105.98	0.70	4.93	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.71	2240.28	2.13
12	1053.72	-13.74	-12.06	0.84	104.52	0.70	4.93	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.72	2242.81	2.13

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 613

B=0.70 <m> L=1.60 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_τ=10.69 <kN/mc>
σ_{v0,τ}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_τ=34.87 <grad> c'_τ=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	338.04	-7.16	-23.74	-0.30	1.11	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.00	783.38	2.32
10	341.73	-2.01	-23.85	-0.33	1.17	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.99	783.10	2.29
11	339.07	-4.66	-26.87	-0.33	1.19	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.99	782.96	2.31
12	340.69	-4.51	-20.72	-0.29	1.10	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.00	783.52	2.30

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 613

B=0.70 <m> L=18.42 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_τ=10.69 <kN/mc>
σ_{v0,τ}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_τ=34.87 <grad> c'_τ=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	3713.69	-43.53	-104.92	-0.58	-1412.52	0.70	17.66	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1457.04	7827.47	2.11
10	3707.10	45.57	-104.52	-0.71	-1274.65	0.70	17.73	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.97	7858.65	2.12
11	3708.49	1.51	-119.90	-0.93	-1351.36	0.70	17.69	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.99	7839.21	2.11
12	3712.31	0.53	-89.54	-0.36	-1335.81	0.70	17.70	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1457.02	7846.89	2.11

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 614

B=0.70 <m> L=3.88 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_τ=10.69 <kN/mc>
σ_{v0,τ}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_τ=34.87 <grad> c'_τ=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	751.76	-50.15	76.48	-0.25	59.94	0.70	3.72	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.34	1715.39	2.28
10	752.22	-34.68	76.53	-0.23	64.27	0.70	3.71	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.58	1710.54	2.27
11	748.76	-43.75	67.14	-0.16	62.53	0.70	3.71	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.54	1712.72	2.29
12	755.22	-41.08	85.87	-0.32	61.68	0.70	3.72	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.39	1713.20	2.27

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 614

B=0.70 <m> L=1.91 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0, f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	330.65	-4.75	60.58	-0.67	-1.09	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.09	914.74	2.77
10	329.37	-2.79	61.86	-0.65	-1.33	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.24	914.29	2.78
11	329.03	-3.69	54.58	-0.64	-1.36	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.28	914.32	2.78
12	330.99	-3.85	67.86	-0.69	-1.06	0.70	1.91	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.06	914.71	2.76

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 614

B=0.70 <m> L=8.53 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0, f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	1691.31	-9.24	137.42	3.24	-330.57	0.70	8.14	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.06	3633.87	2.15
10	1697.36	26.93	139.93	3.30	-320.57	0.70	8.15	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.99	3639.30	2.14
11	1692.22	10.43	127.50	3.36	-325.36	0.70	8.15	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.01	3635.89	2.15
12	1696.46	7.25	149.85	3.18	-325.79	0.70	8.15	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.04	3637.30	2.14

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 616

B=0.70 <m> L=3.50 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0, f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	577.31	-4.29	-31.18	0.32	-2.41	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.19	1614.00	2.80
10	575.41	-3.73	-29.93	0.35	-3.23	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.23	1612.39	2.80
11	577.60	-3.95	-32.91	0.31	-5.21	0.70	3.48	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.41	1609.80	2.79
12	575.12	-4.07	-28.20	0.36	-0.43	0.70	3.50	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.00	1616.61	2.81

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Brinch Hansen

Travata 616

B=0.70 <m> L=2.10 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0, f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
9	436.89	-2.41	2.01	-0.02	-23.70	0.70	1.99	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1582.10	956.63	2.19

10	437.01	4.08	2.30	0.03	-23.84	0.70	1.99	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1582.13	956.29	2.19
11	442.21	0.76	1.24	0.00	-24.46	0.70	1.98	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1582.26	955.80	2.16
12	431.69	0.91	3.07	0.01	-23.08	0.70	1.99	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.99	957.38	2.22

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 601

B=0.90 <m> L=25.15 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	6911.68	-1101.89	147.88	-35.63	-10605.40	0.89	22.08	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1478.68	12630.10	1.83
3	5591.17	-986.00	-43.12	-13.10	-4606.79	0.90	23.50	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1478.54	13526.60	2.42
5	8275.36	-514.73	348.45	-58.58	-12341.00	0.89	22.17	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1478.10	12619.60	1.52
7	8123.72	104.44	329.36	-55.72	-7830.02	0.89	23.22	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.48	13221.20	1.63

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 603

B=0.70 <m> L=5.70 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	1185.31	309.60	-65.85	1.60	-308.15	0.70	5.18	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1494.81	2347.52	1.98
3	1122.57	282.81	-13.31	0.04	-271.53	0.70	5.22	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1494.88	2372.98	2.11
5	1155.92	135.62	-113.82	3.00	-209.62	0.69	5.34	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1492.81	2406.97	2.08
7	1067.98	-40.29	-102.39	2.62	-88.56	0.70	5.53	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.00	2493.70	2.33

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 604

B=0.90 <m> L=25.15 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r=34.87 <grad> c'_r=0.01 <kN/mq>
N_q=32.76 N_c=45.58 N_g=47.05 g_q=1.00 g_c=1.00 g_g=1.00
b_q=1.00 b_c=1.00 b_g=1.00

CC	N <kN>	T _x <kN>	T _y <kN>	M _x <kNm>	M _y <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	7092.78	-1261.37	-239.96	-45.19	8973.31	0.89	22.62	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.99	12896.80	1.82
3	5674.69	-1061.39	-24.82	-17.85	2353.85	0.89	24.32	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.85	13965.90	2.46
5	8610.31	-692.09	-452.65	-73.27	13009.10	0.88	22.13	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.74	12553.60	1.46
7	8492.96	-4.16	-419.83	-70.01	9848.93	0.88	22.83	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.35	12956.50	1.53

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 605

B=0.90 <m> L=12.86 <m> D=1.45 <m> β=0.00 <grad> η=0.00 <grad> γ_r=10.69 <kN/mc>
σ_{v0,ε}=30.00 <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	4391.91	-244.78	-358.71	-54.87	-1990.43	0.88	11.95	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.28	6772.69	1.54
3	4323.62	-230.50	79.88	-53.14	632.48	0.88	12.57	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1488.00	7117.65	1.65
5	3831.60	-132.36	-775.68	-36.87	-4632.60	0.88	10.44	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1494.11	5974.34	1.56
7	3283.04	-21.73	-694.49	-19.70	-4274.41	0.89	10.26	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1495.76	5922.80	1.80

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 606

$B=0.70$ <m> $L=5.58$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	1122.05	-93.82	-181.42	2.41	151.90	0.70	5.31	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.19	2400.25	2.14
3	965.82	-88.76	50.48	1.81	38.47	0.70	5.51	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.46	2485.62	2.57
5	1224.99	-47.56	-418.81	1.75	270.83	0.70	5.14	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1495.18	2330.74	1.90
7	1157.00	-2.85	-390.39	0.58	259.33	0.70	5.14	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1495.56	2334.71	2.02

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 606

$B=0.70$ <m> $L=7.28$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	1496.09	-104.41	254.99	-4.95	-352.06	0.69	6.80	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1481.35	3038.71	2.03
3	1396.09	-82.09	-53.62	-3.93	-32.53	0.69	7.23	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1479.10	3227.78	2.31
5	1504.04	-69.48	551.33	-4.07	-683.87	0.69	6.37	1.04	1.08	0.96	1.29	1.30	1.00	1.00	1.00	1484.35	2853.50	1.90
7	1410.85	-17.23	496.71	-2.30	-648.74	0.70	6.36	1.04	1.08	0.96	1.29	1.30	1.00	1.00	1.00	1484.76	2858.54	2.03

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 607

$B=0.70$ <m> $L=5.59$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	944.80	-113.50	138.61	3.86	-234.06	0.69	5.10	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1494.74	2292.78	2.43
3	862.88	-106.54	30.57	3.08	-54.73	0.69	5.47	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.24	2456.42	2.85
5	1030.06	-64.70	219.19	3.45	-414.19	0.69	4.79	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1498.50	2164.00	2.10
7	1021.22	-15.91	180.21	2.32	-389.27	0.70	4.83	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1498.37	2189.54	2.14

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 608

B=0.70 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	2156.63	-329.80	346.94	2.70	873.58	0.70	12.05	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1464.12	5350.27	2.48
3	2128.72	-316.95	-69.45	2.38	-102.81	0.70	12.76	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.86	5664.38	2.66
5	2115.72	-173.63	740.48	2.14	1825.50	0.70	11.13	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.09	4953.83	2.34
7	2052.75	-26.91	661.39	1.34	1665.04	0.70	11.24	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1465.96	5004.51	2.44

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 609

B=0.70 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	2178.21	402.08	-272.78	2.92	-1165.51	0.70	11.79	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1464.61	5235.23	2.40
3	2151.00	382.25	-15.82	2.74	-386.00	0.70	12.50	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.28	5547.07	2.58
5	2051.73	214.07	-479.24	2.11	-1894.86	0.70	11.01	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.36	4900.42	2.39
7	1916.11	33.09	-399.25	1.25	-1740.51	0.70	11.04	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.40	4919.38	2.57

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 610

B=0.70 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	2306.84	-198.43	-475.70	-6.19	-938.37	0.69	12.05	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.74	5325.37	2.31
3	2296.89	-181.50	36.77	-5.79	107.34	0.69	12.77	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.48	5641.50	2.46
5	2265.10	-92.23	-926.41	-4.01	-1931.53	0.70	11.15	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1465.84	4951.15	2.19
7	2219.37	15.73	-800.26	-1.73	-1737.10	0.70	11.29	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1465.80	5027.42	2.27

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 611

B=0.90 <m> L=12.86 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,f}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	4579.06	181.12	388.79	-39.07	2027.48	0.88	11.97	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.39	6851.01	1.50
3	4520.41	161.78	24.62	-38.01	-44.01	0.88	12.84	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1488.56	7339.61	1.62
5	3812.58	93.41	670.89	-24.82	3849.19	0.89	10.84	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1493.87	6245.39	1.64
7	3096.94	-1.12	548.51	-11.54	3339.17	0.89	10.70	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1495.09	6210.13	2.01

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 613

B=0.70 <m> L=5.13 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,r}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	955.79	-132.43	-77.76	1.61	153.97	0.70	4.81	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1498.87	2182.64	2.28
3	920.90	-125.43	30.79	0.26	140.71	0.70	4.82	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1499.16	2199.42	2.39
5	914.91	-53.57	-188.69	2.96	131.10	0.69	4.84	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1497.91	2187.64	2.39
7	844.98	21.02	-175.23	2.76	98.23	0.69	4.90	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.26	2210.89	2.62

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 613

B=0.70 <m> L=1.60 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,r}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	307.61	-61.77	-41.84	-0.60	1.98	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.06	777.98	2.53
3	294.68	-58.79	1.03	-0.32	1.17	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.04	782.29	2.65
5	295.25	-23.69	-85.38	-0.77	2.33	0.69	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.99	775.07	2.63
7	271.73	11.93	-79.82	-0.63	1.82	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.89	776.77	2.86

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 613

B=0.70 <m> L=18.42 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,r}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	2931.20	1026.26	-150.77	-4.27	-2566.96	0.70	16.67	1.02	1.03	0.98	1.29	1.30	1.00	1.00	1.00	1457.65	7363.95	2.51
3	2893.47	960.86	-6.72	-1.11	-2439.71	0.70	16.73	1.02	1.03	0.98	1.29	1.30	1.00	1.00	1.00	1457.86	7416.53	2.56
5	2934.71	447.42	-297.58	-6.15	-1738.38	0.70	17.24	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.94	7596.67	2.59
7	2900.00	-114.14	-279.37	-4.60	-900.91	0.70	17.80	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.55	7854.38	2.71

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 614

B=0.70 <m> L=3.88 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,r}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

ϕ'_r =34.87 <grad> c'_r =0.01 <kN/mq>

Fascicolo dei calcoli

$N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	623.58	-182.01	170.52	-1.13	96.86	0.70	3.57	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1518.95	1641.55	2.63
3	570.18	-162.64	42.56	0.10	89.45	0.70	3.57	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1519.65	1648.56	2.89
5	675.98	-102.64	301.11	-2.40	73.97	0.69	3.66	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.32	1672.47	2.47
7	667.49	-15.23	285.10	-2.26	46.93	0.69	3.74	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1514.80	1707.30	2.56

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 614

$B=0.70$ <m> $L=1.91$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	276.02	-21.80	141.52	-1.02	-5.04	0.69	1.87	1.14	1.27	0.86	1.29	1.30	1.00	1.00	1.00	1588.53	896.92	3.25
3	260.64	-19.91	66.31	-0.64	-2.42	0.70	1.89	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.80	908.32	3.48
5	284.24	-11.19	201.37	-1.24	-5.95	0.69	1.87	1.14	1.27	0.86	1.29	1.30	1.00	1.00	1.00	1588.60	892.68	3.14
7	275.90	-0.19	177.47	-1.04	-4.13	0.69	1.88	1.14	1.27	0.86	1.29	1.30	1.00	1.00	1.00	1587.97	899.55	3.26

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 614

$B=0.70$ <m> $L=8.53$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	1436.67	414.23	253.55	3.88	-345.34	0.69	8.05	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.21	3586.04	2.50
3	1406.79	382.91	138.46	2.91	-331.72	0.70	8.06	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.36	3596.99	2.56
5	1390.52	185.69	343.21	4.35	-300.71	0.69	8.10	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.88	3602.24	2.59
7	1321.07	-41.52	304.97	3.79	-248.84	0.69	8.15	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.72	3629.39	2.75

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 616

$B=0.70$ <m> $L=3.50$ <m> $D=1.45$ <m> $\beta=0.00$ <grad> $\eta=0.00$ <grad> $\gamma_r=10.69$ <kN/mc>
 $\sigma_{v0,r}=30.00$ <kN/mq>

Verifiche in condizioni drenate

$\varphi'_r=34.87$ <grad> $c'_r=0.01$ <kN/mq>
 $N_q=32.76$ $N_c=45.58$ $N_g=47.05$ $g_q=1.00$ $g_c=1.00$ $g_g=1.00$
 $b_q=1.00$ $b_c=1.00$ $b_g=1.00$

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	473.28	-6.65	-45.98	0.76	26.95	0.70	3.39	1.08	1.15	0.92	1.29	1.30	1.00	1.00	1.00	1523.26	1562.60	3.30
3	458.59	-5.72	-22.03	0.42	-7.57	0.70	3.47	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.61	1601.33	3.49
5	473.63	-5.60	-62.61	0.96	60.94	0.70	3.24	1.08	1.16	0.92	1.29	1.30	1.00	1.00	1.00	1526.73	1497.98	3.16
7	459.24	-3.77	-52.91	0.80	55.56	0.70	3.26	1.08	1.16	0.92	1.29	1.30	1.00	1.00	1.00	1526.45	1506.06	3.28

Verifiche di capacità portante per rottura generale in condizioni sismiche

Metodo utilizzato: Condizioni statiche

Travata 616

B=0.70 <m> L=2.10 <m> D=1.45 <m> β =0.00 <grad> η =0.00 <grad> γ_r =10.69 <kN/mc>
 $\sigma_{v0,r}$ =30.00 <kN/mq>

Verifiche in condizioni drenate

φ'_r =34.87 <grad> c'_r =0.01 <kN/mq>
 N_q =32.76 N_c =45.58 N_g =47.05 g_q =1.00 g_c =1.00 g_g =1.00
 b_q =1.00 b_c =1.00 b_g =1.00

CC	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>	B' <m>	L' <m>	s _q	s _c	s _g	d _q	d _c	i _q	i _c	i _g	q _{lim} <kN/mq>	R _d <kN>	Sic.
1	375.06	56.09	12.98	0.55	-23.24	0.70	1.97	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1582.44	945.50	2.52
3	302.06	50.10	3.04	0.27	-13.50	0.70	2.01	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1580.32	962.40	3.19
5	452.68	28.29	21.19	0.62	-33.57	0.70	1.95	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1584.27	935.13	2.07
7	446.20	-1.54	18.29	0.40	-32.69	0.70	1.95	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1584.39	937.38	2.10

Sintesi

Tipo di normativa: stati limite D.M. 08
Tipo di calcolo: analisi sismica dinamica

Dati generali della struttura

- Zona sismica: zona 2
- Sito di costruzione: Via della Repubblica, 24, 50031 Barberino di Mugello FI, Italia LON. 11.23858 LAT. 44.00040
Contenuto tra ID reticolo: 18949 18948 19171 19170
- Edificio esistente: No
- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe IV
- Coefficiente d'uso CU: 2.00
- Periodo di riferimento VR: 100.00

Dati di piano

Simbologia

Imp. = Numero dell'impalcato
L_x = Dimensione del piano in dir. X
L_y = Dimensione del piano in dir. Y
E_x = Eccentricità in dir. X
E_y = Eccentricità in dir. Y
E_a = Eccentricità complessiva

Imp.	L _x <m>	L _y <m>	E _x <m>	E _y <m>	E _a <m>
1	25.15	13.81	1.26	0.69	1.43
2	25.15	12.86	1.26	0.64	1.41
3	25.15	12.86	1.26	0.64	1.41

Dati di progetto

- Tipologia edificio: muratura esistente

Coeff. C₁: 0.05
Periodo T₁: 0.36961
Coeff. λ SLD: 1.00
Coeff. λ SLV: 0.85
Rapporto di sovraresistenza (α_u/α_1): 1.50
Valore di riferimento del fattore di struttura (q₀): 2.50
Fattore di struttura (q): 2.50

- Quota di riferimento: 0.00 <m>
- Altezza della struttura: 14.40 <m>
- Numero piani edificio: 3
- Coefficiente θ: 0.00
- Edificio regolare in altezza: Si
- Edificio regolare in pianta: No
- Classe di duttilità: Classe B
- Fattore di struttura per sisma verticale (q_v): 1.50
- Smorzamento spettro: 5.00%
- Coefficiente θ: 0.00

Spettro SLD.TXT :

0.0000	1.0301
0.0500	2.2857
0.1000	2.4819
0.1500	2.4819
0.2000	2.5408
0.2500	2.5408
0.3000	2.5408
0.3500	2.5408
0.4000	2.5408
0.4500	2.5408
0.5000	2.5408
0.5140	2.5408
0.5500	2.3740
0.6000	2.1778
0.6500	2.0110
0.7000	1.8639
0.7500	1.7364
0.8000	1.6285
0.8500	1.5402
0.9000	1.4519
0.9500	1.3734
1.0000	1.3047
1.0500	1.2459
1.1000	1.1870
1.1500	1.1380
1.2000	1.0889
1.2500	1.0399
1.3000	1.0006
1.3500	0.9712
1.4000	0.9320
1.4500	0.9025
1.5000	0.8731
1.5500	0.8437
1.6000	0.8142
1.6500	0.7946
1.7000	0.7652
1.7500	0.7456
1.8000	0.7259
1.8500	0.7063
1.9000	0.6769
1.9500	0.6377
2.0000	0.6082
2.0500	0.5788
2.1000	0.5494
2.1500	0.5297
2.2000	0.5003
2.2500	0.4807
2.3000	0.4611
2.3500	0.4415
2.4000	0.4218
2.4500	0.4022
2.5000	0.3924
2.5500	0.3728
2.6000	0.3630
2.6500	0.3434
2.7000	0.3335
2.7500	0.3237
2.8000	0.3139
2.8500	0.3041
2.9000	0.2845
2.9500	0.2747
3.0000	0.2747
3.0500	0.2649
3.1000	0.2551
3.1500	0.2453
3.2000	0.2354
3.2500	0.2256
3.3000	0.2256
3.3500	0.2158
3.4000	0.2060
3.4500	0.2060
3.5000	0.2060
3.5500	0.2060
3.6000	0.2060
3.6500	0.2060
3.7000	0.2060
3.7500	0.2060
3.8000	0.2060
3.8500	0.2060
3.9000	0.2060
3.9500	0.2060
4.0000	0.2060

Spettro SLV.TXT :

0.0000	1.1953
0.0500	2.5765
0.1000	3.0376
0.1500	3.0376
0.2000	3.0376
0.2500	2.4674
0.3000	2.4674
0.3500	2.4674
0.4000	2.4674
0.4500	2.4674
0.5000	2.4674
0.5500	2.4148
0.6000	2.2135
0.6500	2.0432
0.7000	1.8973
0.7500	1.7709
0.8000	1.6602
0.8500	1.5625
0.9000	1.4758
0.9500	1.3981
1.0000	1.3283
1.0500	1.2651
1.1000	1.2074
1.1500	1.1548
1.2000	1.1070
1.2500	1.0626
1.3000	1.0218
1.3500	0.9837
1.4000	0.9488
1.4500	0.9159
1.5000	0.8856
1.5500	0.8570
1.6000	0.8299
1.6500	0.8048
1.7000	0.7813
1.7500	0.7589
1.8000	0.7377
1.8500	0.7181
1.9000	0.6989
1.9500	0.6812
2.0000	0.6639
2.0500	0.6479
2.1000	0.6325
2.1500	0.6176
2.2000	0.6039
2.2500	0.5976
2.3000	0.5976
2.3500	0.5976
2.4000	0.5976
2.4500	0.5976
2.5000	0.5976
2.5500	0.5976
2.6000	0.5976
2.6500	0.5976
2.7000	0.5976
2.7500	0.5976
2.8000	0.5976
2.8500	0.5976
2.9000	0.5976
2.9500	0.5976
3.0000	0.5976
3.0500	0.5976
3.1000	0.5976
3.1500	0.5976
3.2000	0.5976
3.2500	0.5976
3.3000	0.5976
3.3500	0.5976
3.4000	0.5976
3.4500	0.5976
3.5000	0.5976
3.5500	0.5976
3.6000	0.5976
3.6500	0.5976
3.7000	0.5976
3.7500	0.5976
3.8000	0.5976
3.8500	0.5976
3.9000	0.5976

Fascicolo dei calcoli

3.9500 0.5976
4.0000 0.5976

Condizioni di carico elementari

Simbologia
CCE = Numero della condizione di carico elementare
Comm. = Commento
Mx = Moltiplicatore della massa in dir. X
My = Moltiplicatore della massa in dir. Y
Mz = Moltiplicatore della massa in dir. Z
Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE = Tipo di CCE per calcolo agli stati limite
Sic. = Contributo alla sicurezza
F = a favore
S = a sfavore
A = ambigua
Var. = Tipo di variabilità
B = di base
I = indipendente
A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sic.	Var.
1	Pesi propri	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
2	PP Impalcati	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
3	Portati Non Strutturali	1.00	1.00	0.00	0.00	0.00	1.00	2	S	--
4	Acc. Cat. B	1.00	1.00	0.00	0.00	0.00	1.00	4	S	B
5	Neve	1.00	1.00	0.00	0.00	0.00	1.00	11	S	B
6	PP Scale	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
7	Permanenti Non Strutturali scale	1.00	1.00	0.00	0.00	0.00	1.00	2	S	--
8	Acc. Cat. C2	1.00	1.00	0.00	0.00	0.00	1.00	5	S	B
9	Vento X	1.00	1.00	0.00	0.00	0.00	1.00	10	S	B
10	Vento Y	1.00	1.00	0.00	0.00	0.00	1.00	10	S	B
11	Acc. Cat. H	1.00	1.00	0.00	0.00	0.00	1.00	19	S	B
12	Acc. Cat. A	1.00	1.00	0.00	0.00	0.00	1.00	3	S	B

Elenco tipi cce definiti

Simbologia
Tipo CCE = Tipo condizione di carico elementare
Comm. = Commento
Tipo = Tipologia
G = Permanente
Q = Variabile
I = Da ignorare
A = Azione eccezionale
P = Precompressione
Durata = Durata del carico
N = Non definita
P = Permanente
L = Lunga
M = Media
B = Breve
I = Istantanea
 $\gamma_{min.}$ = Coeff. $\gamma_{min.}$
 γ_{max} = Coeff. γ_{max}
 ψ_0 = Coeff. ψ_0
 ψ_1 = Coeff. ψ_1
 ψ_2 = Coeff. ψ_2
 $\psi_{0,s}$ = Coeff. ψ_0 sismico (D.M. 96)

Tipo CCE	Comm.	Tipo	Durata	$\gamma_{min.}$	γ_{max}	ψ_0	ψ_1	ψ_2	$\psi_{0,s}$
10	D.M. 08 Variabili Vento	Q	N	0.00	1.50	0.60	0.20	0.00	0.00
1	D.M. 08 Permanenti strutturali	G	N	1.00	1.30				
2	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				
4	D.M. 08 Variabili Categoria B Uffici	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
11	D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	Q	N	0.00	1.50	0.50	0.20	0.00	0.00
5	D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
19	D.M. 08 Variabili Categoria H - Coperture	Q	N	0.00	1.50	0.00	0.00	0.00	1.00
3	D.M. 08 Variabili Categoria A Ambienti ad uso residenziale	Q	N	0.00	1.50	0.70	0.50	0.30	0.00

Elenco masse nodi

Simbologia
Nodo = Numero del nodo
Mo = Massa orizzontale

Nodo	Mo	Nodo	Mo	Nodo	Mo	Nodo	Mo	Nodo	Mo	Nodo	Mo
	<kg>		<kg>		<kg>		<kg>		<kg>		<kg>

-2184	1625.76	-2183	1906.87	-2182	66.74	-2181	1132.86	-2180	4660.77	-2179	3838.95
-2178	5316.38	-2177	5776.60	-2176	2694.48	-2175	3699.88	-2174	4837.64	-2173	1287.71
-2172	1471.05	-2171	4478.93	-2170	1947.17	-2169	615.90	-2168	460.97	-2167	1375.32
-2166	2610.06	-2165	1231.76	-2164	4301.04	-2163	3066.09	-2162	273.12	-2161	842.33
-2160	1083.66	-2159	559.52	-2158	2514.82	-2157	2465.18	-2156	1982.64	-2155	377.41
-2154	153.96	-2153	113.73	-2152	2181.80	-2151	347.89	-2150	260.59	-2149	2657.19
-2148	45.36	-2147	72.88	-2146	65.80	-2145	42.08	-2144	2206.64	-2143	112.59
-2142	85.78	-2141	1992.20	-2140	18.56	-2139	45.79	-2138	48.46	-2137	39.74
-2136	3320.17	-2135	86.11	-2134	195.23	-2133	2603.99	-2132	897.02	-2131	456.07
-2130	756.70	-2129	2076.39	-2128	324.07	-2127	17.22	-2126	365.89	-2125	1763.53
-2124	488.72	-2123	3111.54	-2122	335.94	-2121	193.82	-2120	2076.39	-2119	42.14
-2118	160.18	-2117	1291.51	-2116	706.02	-2115	37.49	-2114	32.51	-2113	70.86
-2112	80.73	-2111	313.85	-2110	1558.06	-2109	1335.83	-2108	2830.67	-2107	564.46
-2106	693.16	-2105	496.95	-2104	676.82	-2103	1822.78	-2102	1212.72	-2101	754.99
-2100	565.09	-2099	1686.01	-2098	2420.43	-2097	1263.13	-2096	2470.16	-2095	962.05
-2094	3900.94	-2093	2260.22	-2092	75.11	-2091	430.81	-2090	1221.36	-2089	64.04
-2088	671.31	-2087	993.10	-2086	403.22	-2085	931.25	-2084	339.12	-2083	2070.01
-2082	1527.56	-2081	1432.23	-2080	973.07	-2079	1348.71	-2078	258.46	-2077	651.02
-2076	207.95	-2075	709.18	-2074	336.47	-2073	1214.94	-2072	1219.31	-2071	1610.85
-2070	2017.26	-2069	1354.30	-2068	2392.15	-2067	239.38	-2066	1788.09	-2065	2157.82
-2064	407.52	-2063	1565.97	-2062	1580.65	-2061	2303.30	-2060	2157.82	-2059	739.86
-2058	792.21	-2057	1086.07	-2056	823.58	-2055	2428.32	-2054	213.85	-2053	123.30
-2052	3638.63	-2051	149.31	-2050	91.76	-2049	104.52	-2048	106.97	-2047	45.84
-2046	77.13	-2045	77.13	-2044	44.49	-2043	4156.16	-2042	90.95	-2041	82.36
-2040	164.70	-2039	3462.59	-2038	83.45	-2037	199.56	-2036	2463.15	-2035	1116.86
-2034	789.65	-2033	322.11	-2032	125.89	-2031	697.83	-2030	671.56	-2029	503.00
-2028	922.11	-2027	185.15	-2026	297.47	-2025	268.63	-2024	171.81	-2023	543.69
-2022	289.93	-2021	180.61	-2020	377.53	-2019	75.80	-2018	70.23	-2017	81.13
-2016	162.26	-2015	595.10	-2014	351.55	-2013	796.86	-2012	868.82	-2011	325.25
-2010	302.39	-2009	288.78	-2008	591.03	-2007	214.87	-2006	70.31	-2005	139.64
-2004	639.44	-2003	186.51	-2002	733.60	-2001	222.73	-2000	791.45	-1999	591.03
-1998	172.09	-1997	106.20	-1996	668.20	-1995	269.44	-1994	99.81	-1993	132.75
-1992	289.36	-1991	69.82	-1990	169.63	-1989	450.88	-1988	605.76	-1987	465.46
-1986	141.61	-1985	216.83	-1984	146.03	-1983	258.30	-1982	518.85	-1981	414.49
-1980	240.43	-1979	179.96	-1978	536.92	-1977	586.98	-1976	128.23	-1975	762.18
-1974	388.56	-1973	409.82	-1972	616.05	-1971	306.48	-1970	131.28	-1969	269.08
-1968	261.41	-1967	171.11	-1966	243.38	-1965	135.05	-1964	201.69	-1963	113.42
-1962	626.90	-1961	690.33	-1960	603.30	-1959	328.94	-1958	386.22	-1957	93.91
-1956	164.22	-1955	77.19	-1954	160.17	-1953	113.75	-1952	482.35	-1951	601.82
-1950	570.85	-1949	646.46	-1948	529.55	-1947	458.91	-1946	454.32	-1945	522.17
-1944	671.26	-1943	773.42	-1942	457.27	-1941	618.05	-1940	441.86	-1939	671.26
-1938	141.93	-1937	309.76	-1936	317.14	-1935	158.00	-1934	1189.06	-1933	873.23
-1932	503.49	-1931	760.64	-1930	609.69	-1929	374.67	-1928	426.79	-1927	436.81
-1926	187.17	-1925	314.94	-1924	314.94	-1923	181.68	-1922	547.36	-1921	371.38
-1920	336.23	-1919	672.46	-1918	684.02	-1917	340.74	-1916	814.89	-1915	919.75
-1914	1276.42	-1913	902.45	-1912	368.12	-1911	102.33	-1910	755.98	-1909	767.50
-1908	574.85	-1907	1053.84	-1906	211.60	-1905	339.96	-1904	307.00	-1903	196.36
-1902	621.36	-1901	268.50	-1900	143.57	-1899	431.47	-1898	86.63	-1897	36.99
-1896	49.45	-1895	185.44	-1894	680.12	-1893	401.77	-1892	910.70	-1891	992.94
-1890	371.71	-1889	345.58	-1888	330.04	-1887	675.47	-1886	245.56	-1885	415.55
-1884	159.59	-1883	730.78	-1882	213.16	-1881	838.39	-1880	254.55	-1879	904.51
-1878	675.47	-1877	1017.09	-1876	121.38	-1875	708.18	-1874	307.94	-1873	114.07
-1872	151.72	-1871	330.69	-1870	79.79	-1869	138.38	-1868	515.29	-1867	692.29
-1866	531.96	-1865	161.84	-1864	247.81	-1863	166.89	-1862	295.20	-1861	592.97
-1860	461.25	-1859	274.78	-1858	205.66	-1857	613.63	-1856	670.83	-1855	132.82
-1854	765.13	-1853	818.09	-1852	354.45	-1851	656.09	-1850	350.27	-1849	127.41
-1848	307.51	-1847	298.76	-1846	185.38	-1845	183.78	-1844	154.34	-1843	230.51
-1842	129.62	-1841	716.46	-1840	788.95	-1839	689.49	-1838	375.93	-1837	397.92
-1836	107.33	-1835	153.65	-1834	88.22	-1833	152.97	-1832	130.00	-1831	551.25
-1830	687.80	-1829	652.40	-1828	738.81	-1827	605.20	-1826	524.47	-1825	519.22
-1824	596.77	-1823	767.15	-1822	883.91	-1821	522.59	-1820	706.34	-1819	504.99
-1818	767.15	-1817	162.21	-1816	354.01	-1815	362.44	-1814	180.57	-1813	1358.93
-1812	997.98	-1811	575.41	-1810	869.30	-1809	696.79	-1808	428.19	-1807	487.75
-1806	499.21	-1805	213.90	-1804	359.93	-1803	359.93	-1802	207.63	-1801	625.56
-1800	424.44	-1799	384.26	-1798	768.53	-1797	781.73	-1796	389.41	-1795	931.30
-1794	1051.15	-1793	2297.55	-1792	1236.17	-1791	274.38	-1790	432.00	-1789	1608.56
-1788	1006.79	-1787	660.03	-1786	1896.91	-1785	380.88	-1784	226.70	-1783	167.36
-1782	353.44	-1781	1118.45	-1780	858.15	-1779	633.27	-1778	776.64	-1777	155.94
-1776	324.67	-1775	347.09	-1774	333.79	-1773	1224.21	-1772	350.00	-1771	1266.05
-1770	1787.29	-1769	669.09	-1768	622.05	-1767	594.07	-1766	1215.84	-1765	347.89
-1764	287.26	-1763	1315.41	-1762	383.68	-1761	1509.11	-1760	364.07	-1759	1628.13
-1758	1215.84	-1757	201.24	-1756	1080.25	-1755	554.28	-1754	38.70	-1753	51.48
-1752	595.25	-1751	71.40	-1750	54.62	-1749	927.52	-1748	1246.13	-1747	839.33
-1746	54.91	-1745	327.86	-1744	300.41	-1743	531.36	-1742	694.52	-1741	786.58
-1740	494.60	-1739	370.20	-1738	1104.53	-1737	1207.49	-1736	190.97	-1735	1005.90
-1734	238.71	-1733	834.43	-1732	422.81	-1731	150.03	-1730	253.72	-1729	101.36
-1728	298.05	-1727	52.37	-1726	736.80	-1725	186.25	-1724	1060.89	-1723	1420.10
-1722	989.90	-1721	425.50	-1720	1001.36	-1719	189.74	-1718	125.98	-1717	126.26
-1716	90.31	-1715	234.00	-1714	681.99	-1713	1591.62	-1712	2085.34	-1711	2361.55

-1710	1089.35	-1709	399.02	-1708	597.51	-1707	1907.52	-1706	2452.16	-1705	1253.96
-1704	1670.43	-1703	1271.41	-1702	171.33	-1701	2452.16	-1700	99.36	-1699	637.22
-1698	1158.52	-1697	325.02	-1696	2446.06	-1695	1369.54	-1694	608.92	-1693	1564.74
-1692	833.96	-1691	546.66	-1690	1559.07	-1689	1595.70	-1688	683.73	-1687	299.15
-1686	299.15	-1685	663.69	-1684	1999.55	-1683	1356.69	-1682	477.70	-1681	999.62
-1680	1407.12	-1679	315.71	-1678	2223.32	-1677	3359.91	-1676	3646.90	-1675	1819.04
-1674	207.77	-1673	552.21	-1672	1879.34	-1671	1037.46	-1670	646.33	-1669	2139.67
-1668	429.62	-1667	154.78	-1666	87.85	-1665	398.68	-1664	2052.79	-1663	1066.18
-1662	812.52	-1661	1937.65	-1660	175.89	-1659	433.83	-1658	459.12	-1657	376.51
-1656	1380.88	-1655	297.01	-1654	1872.02	-1653	2836.97	-1652	2226.96	-1651	701.66
-1650	2140.67	-1649	1929.91	-1648	367.75	-1647	3320.23	-1646	4715.12	-1645	432.79
-1644	1702.24	-1643	386.01	-1642	2584.33	-1641	1929.91	-1640	222.48	-1639	1218.49
-1638	625.22	-1637	944.84	-1636	61.61	-1635	61.61	-1634	2194.37	-1633	4290.07
-1632	1288.68	-1631	338.85	-1630	338.85	-1629	599.36	-1628	964.95	-1627	887.24
-1626	557.90	-1625	417.57	-1624	1245.88	-1623	1362.02	-1622	215.40	-1621	1134.64
-1620	269.25	-1619	894.48	-1618	1011.77	-1617	169.24	-1616	336.19	-1615	197.76
-1614	2738.93	-1613	4595.00	-1612	1478.67	-1611	414.15	-1610	81.00	-1609	263.94
-1608	687.98	-1607	1228.76	-1606	307.29	-1605	824.16	-1604	1866.13	-1603	1434.13
-1602	61.61	-1601	718.77	-1600	366.61	-1599	3882.64	-1598	2016.51	-1597	575.02
-1596	1764.99	-1595	830.58	-1594	1027.01	-1593	1587.20	-1592	255.18	-1591	142.90
-1590	379.79	-1589	1292.56	-1588	713.54	-1587	444.53	-1586	1471.61	-1585	295.49
-1584	106.46	-1583	60.42	-1582	274.20	-1581	867.69	-1580	733.29	-1579	558.83
-1578	602.51	-1577	120.97	-1576	152.30	-1575	169.70	-1574	258.95	-1573	949.74
-1572	204.28	-1571	519.07	-1570	482.58	-1569	460.88	-1568	252.93	-1567	222.85
-1566	1020.49	-1565	297.66	-1564	1170.76	-1563	265.49	-1562	153.01	-1561	838.05
-1560	430.01	-1559	42.37	-1558	42.37	-1557	233.05	-1556	233.05	-1555	412.22
-1554	610.23	-1553	383.71	-1552	287.20	-1551	856.88	-1550	936.77	-1549	148.15
-1548	780.38	-1547	185.19	-1546	615.20	-1545	116.40	-1544	231.22	-1543	136.01
-1542	284.84	-1541	55.71	-1540	181.53	-1539	473.18	-1538	845.11	-1537	211.34
-1536	986.36	-1535	42.37	-1534	494.36	-1533	252.15	-1532	395.49	-1531	1213.92
-1530	571.25	-1529	706.36	-1528	1091.64	-1527	175.51	-1526	2055.94	-1525	1025.48
-1524	106.54	-1523	283.14	-1522	963.63	-1521	531.96	-1520	331.41	-1519	1097.12
-1518	220.29	-1517	79.37	-1516	45.05	-1515	204.42	-1514	646.88	-1513	546.69
-1512	416.62	-1511	449.19	-1510	90.19	-1509	38.51	-1508	51.48	-1507	193.05
-1506	708.05	-1505	152.29	-1504	1055.35	-1503	1599.34	-1502	386.98	-1501	359.78
-1500	343.59	-1499	1087.98	-1498	188.57	-1497	166.14	-1496	760.80	-1495	221.91
-1494	872.83	-1493	197.93	-1492	1456.92	-1491	1087.98	-1490	114.08	-1489	624.79
-1488	320.58	-1487	532.65	-1486	31.59	-1485	31.59	-1484	829.98	-1483	1115.09
-1482	726.50	-1481	173.75	-1480	173.75	-1479	307.32	-1478	543.99	-1477	454.94
-1476	286.07	-1475	214.11	-1474	638.83	-1473	698.38	-1472	110.45	-1471	581.79
-1470	138.06	-1469	458.64	-1468	816.40	-1467	86.78	-1466	160.58	-1465	172.38
-1464	707.99	-1463	101.40	-1462	1383.00	-1461	1270.77	-1460	833.60	-1459	212.36
-1458	962.20	-1457	164.82	-1456	103.56	-1455	103.56	-1454	41.54	-1453	135.34
-1452	352.77	-1451	1460.13	-1450	2003.79	-1449	2269.20	-1448	630.05	-1447	157.56
-1446	514.07	-1445	1832.92	-1444	2356.26	-1443	1101.48	-1442	1605.10	-1441	735.35
-1440	2356.26	-1439	31.59	-1438	368.55	-1437	1113.22	-1436	187.98	-1435	2188.84
-1434	1168.12	-1433	326.15	-1432	905.00	-1431	487.53	-1430	493.13	-1429	1498.10
-1428	1533.30	-1427	656.99	-1426	254.16	-1425	254.16	-1424	637.73	-1423	1921.35
-1422	1303.64	-1421	404.07	-1420	557.31	-1419	813.84	-1418	161.67	-1417	2081.22
-1416	3228.52	-1415	1677.58	-1414	1129.13	-1413	426.87	-1412	357.45	-1411	1216.53
-1410	953.74	-1409	700.55	-1408	1385.04	-1407	278.10	-1406	390.30	-1405	346.97
-1404	258.07	-1403	816.64	-1402	407.88	-1401	243.68	-1400	567.07	-1399	113.86
-1398	154.63	-1397	171.00	-1396	243.72	-1395	893.87	-1394	473.30	-1393	1142.17
-1392	1305.01	-1391	488.54	-1390	454.20	-1389	433.76	-1388	887.76	-1387	238.05
-1386	209.74	-1385	960.46	-1384	280.15	-1383	1101.89	-1382	249.87	-1381	1188.79
-1380	887.76	-1379	144.01	-1378	788.75	-1377	404.72	-1376	434.63	-1375	39.88
-1374	39.88	-1373	677.23	-1372	909.87	-1371	592.79	-1370	219.34	-1369	219.34
-1368	387.98	-1367	597.02	-1366	1546.80	-1365	1367.30	-1364	1023.38	-1363	3053.38
-1362	3906.33	-1361	2196.27	-1360	1640.49	-1359	174.29	-1358	579.01	-1357	337.52
-1356	182.90	-1355	221.85	-1354	250.59	-1353	302.95	-1352	128.01	-1351	799.84
-1350	1036.90	-1349	680.19	-1348	268.09	-1347	717.70	-1346	70.53	-1345	44.31
-1344	44.31	-1343	52.44	-1342	170.86	-1341	445.34	-1340	624.80	-1339	857.44
-1338	971.00	-1337	795.40	-1336	198.91	-1335	682.40	-1334	784.32	-1333	1008.26
-1332	1161.71	-1331	686.84	-1330	928.34	-1329	1008.26	-1328	39.88	-1327	465.27
-1326	476.35	-1325	237.31	-1324	1786.02	-1323	1119.61	-1322	564.24	-1321	2265.95
-1320	2829.33	-1319	1738.68	-1318	1980.55	-1317	2027.08	-1316	868.57	-1315	1461.52
-1314	1461.52	-1313	879.48	-1312	1258.58	-1311	557.84	-1310	348.09	-1309	853.13
-1308	1027.42	-1307	354.25	-1306	1066.44	-1305	1381.51	-1304	4700.80	-1303	1984.23
-1302	809.39	-1301	597.99	-1300	3719.17	-1299	1687.49	-1298	1293.08	-1297	5553.94
-1296	477.64	-1295	747.48	-1294	675.00	-1293	431.73	-1292	1790.88	-1291	619.86
-1290	331.45	-1289	1150.48	-1288	199.99	-1287	385.53	-1286	408.85	-1285	407.72
-1284	3254.73	-1283	883.38	-1282	2002.35	-1281	3083.21	-1280	1552.65	-1279	3135.23
-1278	975.80	-1277	3285.22	-1276	2156.92	-1275	443.39	-1274	471.84	-1273	3052.48
-1272	630.23	-1271	5550.94	-1270	2238.48	-1269	4667.07	-1268	3285.22	-1267	1085.22
-1266	1088.17	-1265	5124.81	-1264	910.46	-1263	909.40	-1262	1050.30	-1261	1209.55
-1260	1706.30	-1259	669.51	-1258	668.61	-1257	1306.10	-1256	1458.76	-1255	3159.00
-1254	647.40	-1253	1157.79	-1252	1255.53	-1251	872.80	-1250	2756.35	-1249	1455.05
-1248	579.00	-1247	433.37	-1246	1293.00	-1245	2046.21	-1244	161.21	-1243	6179.55
-1242	1968.85	-1241	4545.20	-1240	4321.12	-1239	457.55	-1238	316.14	-1237	1368.02

-1236	412.05	-1235	1121.10	-1234	1648.51	-1233	2245.02	-1232	4682.30	-1231	5726.39
-1230	1288.86	-1229	682.54	-1228	2597.41	-1227	437.91	-1226	928.53	-1225	343.35
-1224	998.69	-1223	661.13	-1222	2897.62	-1221	1215.64	-1220	1374.69	-1219	3105.37
-1218	1275.23	-1217	4851.54	-1216	1141.61	-1215	3450.89	-1214	3731.16	-1213	1943.46
-1212	3022.32	-1211	1488.36	-1210	4511.04	-1209	3731.16	-1208	1482.40	-1207	745.96
-1206	2096.13	-1205	1811.62	-1204	4949.41	-1203	4807.19	-1202	2703.68	-1201	2644.79
-1200	1468.23	-1199	902.26	-1198	1027.77	-1197	1051.92	-1196	450.73	-1195	758.43
-1194	758.43	-1193	450.85	-1192	2009.92	-1191	933.22	-1190	713.53	-1189	1558.42
-1188	2895.69	-1187	724.34	-1186	1915.78	-1185	3333.36	-1184	2048.90	-1183	1448.61
-1182	590.91	-1181	436.57	-1180	1453.02	-1179	1231.98	-1178	965.33	-1177	1672.03
-1176	357.77	-1175	545.71	-1174	492.79	-1173	315.19	-1172	1013.78	-1171	474.10
-1170	253.51	-1169	691.73	-1168	152.96	-1167	348.92	-1166	362.98	-1165	297.66
-1164	1038.50	-1163	644.93	-1162	1461.84	-1161	1593.86	-1160	546.95	-1159	508.50
-1158	485.63	-1157	1084.26	-1156	361.33	-1155	258.86	-1154	234.82	-1153	1075.30
-1152	313.65	-1151	1233.64	-1150	374.56	-1149	1451.92	-1148	1084.26	-1147	633.57
-1146	178.60	-1145	1022.79	-1144	453.11	-1143	167.85	-1142	240.61	-1141	223.25
-1140	530.83	-1139	117.41	-1138	145.52	-1137	794.86	-1136	1018.66	-1135	851.09
-1134	238.13	-1133	296.29	-1132	245.57	-1131	434.36	-1130	951.82	-1129	697.02
-1128	404.32	-1127	302.62	-1126	902.91	-1125	830.97	-1124	1354.17	-1123	704.81
-1122	533.28	-1121	1046.12	-1120	334.04	-1119	220.76	-1118	493.62	-1117	287.74
-1116	370.01	-1115	416.73	-1114	862.39	-1113	1160.88	-1112	964.92	-1111	253.01
-1110	349.75	-1109	870.24	-1108	157.93	-1107	229.59	-1106	129.81	-1105	228.19
-1104	191.28	-1103	856.88	-1102	1012.04	-1101	959.96	-1100	1162.25	-1099	890.50
-1098	868.18	-1097	833.45	-1096	878.10	-1095	1231.43	-1094	1418.85	-1093	768.96
-1092	1039.33	-1091	835.93	-1090	1231.43	-1089	268.51	-1088	520.90	-1087	533.31
-1086	298.90	-1085	2086.93	-1084	1468.46	-1083	846.68	-1082	1279.11	-1081	1025.27
-1080	630.05	-1079	717.70	-1078	734.56	-1077	314.75	-1076	529.62	-1075	529.62
-1074	325.00	-1073	980.46	-1072	681.31	-1071	616.82	-1070	1233.64	-1069	1262.37
-1068	625.08	-1067	1494.92	-1066	1687.29	-1065	3172.81	-1064	1717.18	-1063	388.99
-1062	676.05	-1061	2250.07	-1060	1400.07	-1059	987.15	-1058	2589.21	-1057	554.02
-1056	323.07	-1055	241.13	-1054	488.09	-1053	1569.89	-1052	910.95	-1051	558.68
-1050	774.47	-1049	1071.17	-1048	236.87	-1047	540.32	-1046	562.09	-1045	460.95
-1044	1608.17	-1043	493.03	-1042	971.81	-1041	1276.64	-1040	846.98	-1039	604.95
-1038	752.02	-1037	868.46	-1036	114.01	-1035	363.63	-1034	1665.15	-1033	485.69
-1032	1910.34	-1031	118.19	-1030	2248.36	-1029	868.46	-1028	56.35	-1027	1482.80
-1026	701.65	-1025	52.96	-1024	174.81	-1023	160.16	-1022	822.01	-1021	181.82
-1020	91.91	-1019	1230.88	-1018	1577.44	-1017	1173.52	-1016	185.25	-1015	419.73
-1014	343.57	-1013	672.63	-1012	563.50	-1011	1079.36	-1010	626.11	-1009	132.19
-1008	1061.76	-1007	1286.80	-1006	1402.49	-1005	302.17	-1004	1084.44	-1003	1108.58
-1002	219.52	-1001	259.23	-1000	90.79	-999	572.98	-998	131.49	-997	1926.75
-996	1797.67	-995	1494.21	-994	391.80	-993	309.16	-992	1159.22	-991	352.90
-990	287.31	-989	290.08	-988	310.41	-987	427.45	-986	1005.60	-985	1181.83
-984	1486.53	-983	1799.80	-982	1378.98	-981	1940.05	-980	1290.63	-979	1962.22
-978	1906.93	-977	2197.15	-976	1194.70	-975	1288.31	-974	1449.08	-973	1906.93
-972	84.73	-971	816.76	-970	820.67	-969	571.54	-968	3231.70	-967	1743.83
-966	1311.00	-965	3607.60	-964	1831.26	-963	716.58	-962	2024.18	-961	2071.74
-960	887.70	-959	395.49	-958	395.49	-957	916.64	-956	2765.28	-955	1921.55
-954	683.40	-953	1947.47	-952	2820.93	-951	584.40	-950	1792.96	-949	2612.85
-948	5647.90	-947	6316.35	-946	1336.90	-945	1336.90	-944	668.45	-943	436.79
-942	1069.07	-941	632.28	-940	5132.19	-939	2559.88	-938	411.46	-937	1093.55
-936	3639.62	-935	2054.52	-934	1386.61	-933	4188.18	-932	896.15	-931	306.52
-930	173.97	-929	789.51	-928	3330.59	-927	1546.69	-926	1134.96	-925	1410.83
-924	2794.31	-923	383.15	-922	513.30	-921	548.52	-920	745.61	-919	2601.30
-918	588.18	-917	2123.89	-916	3218.67	-915	2842.28	-914	903.00	-913	2687.01
-912	2189.57	-911	3733.77	-910	6034.66	-909	785.64	-908	3090.08	-907	3636.85
-906	2189.57	-905	2399.01	-904	1134.96	-903	182.26	-902	1329.65	-901	294.10
-900	252.00	-899	2713.14	-898	4972.79	-897	1838.45	-896	223.68	-895	662.75
-894	540.56	-893	1088.02	-892	1094.78	-891	1745.93	-890	1012.76	-889	74.56
-888	1578.19	-887	2081.46	-886	2059.71	-885	488.78	-884	1623.74	-883	2037.96
-882	304.45	-881	210.22	-880	926.82	-879	4083.52	-878	5326.58	-877	2416.97
-876	633.76	-875	403.87	-874	1752.15	-873	2404.55	-872	2911.28	-871	2230.58
-870	2087.67	-869	3084.56	-868	3554.01	-867	1950.98	-866	3084.56	-865	5227.46
-864	2601.30	-863	2684.15	-862	4226.43	-861	1154.64	-860	395.58	-859	322.06
-858	325.16	-857	347.94	-856	479.14	-855	959.63	-854	2174.66	-853	2199.51
-852	1242.66	-851	1547.11	-850	622.88	-849	2033.83	-848	3162.05	-847	505.34
-846	4396.18	-845	2379.16	-844	538.85	-843	936.72	-842	3117.66	-841	1939.78
-840	1367.65	-839	3587.55	-838	767.64	-837	632.47	-836	518.93	-835	676.29
-834	2175.20	-833	1199.60	-832	576.28	-831	937.87	-830	1484.20	-829	328.20
-828	264.06	-827	294.22	-826	638.68	-825	2228.24	-824	683.01	-823	2435.81
-822	3419.84	-821	1173.56	-820	773.50	-819	1041.98	-818	2326.41	-817	503.84
-816	2307.19	-815	672.97	-814	2646.93	-813	3115.29	-812	2326.41	-811	2066.81
-810	972.20	-809	156.12	-808	1138.96	-807	251.92	-806	204.02	-805	1705.48
-804	2185.67	-803	1574.79	-802	191.60	-801	567.71	-800	463.04	-799	931.99
-798	1521.19	-797	1495.54	-796	867.52	-795	63.87	-794	1351.86	-793	1782.96
-792	1764.33	-791	418.68	-790	1390.88	-789	1326.66	-788	260.79	-787	538.06
-786	793.90	-785	2460.30	-784	2490.81	-783	2070.35	-782	542.88	-781	345.95
-780	672.79	-779	230.50	-778	187.66	-777	189.47	-776	202.74	-775	279.19
-774	559.17	-773	1500.87	-772	2059.71	-771	2493.77	-770	1910.69	-769	1267.14
-768	1788.27	-767	1281.63	-766	2642.20	-765	3044.33	-764	724.08	-763	1671.19

-762	901.48	-761	2642.20	-760	879.98	-759	879.98	-758	362.95	-757	4477.78
-756	2416.09	-755	1595.82	-754	4321.66	-753	2218.67	-752	883.36	-751	2424.84
-750	2481.81	-749	1063.41	-748	308.04	-747	308.04	-746	1098.07	-745	3312.63
-744	2301.90	-743	843.51	-742	1369.32	-741	1842.49	-740	479.41	-739	2484.17
-738	3620.31	-737	6009.47	-736	4298.73	-735	1646.63	-734	1320.37	-733	5098.41
-732	3501.49	-731	2614.67	-730	7041.14	-729	554.95	-728	866.17	-727	782.18
-726	500.29	-725	2272.28	-724	752.52	-723	402.38	-722	1168.28	-721	242.79
-720	429.92	-719	452.24	-718	472.47	-717	3777.79	-716	1723.99	-715	4134.68
-714	4752.43	-713	2102.13	-712	2493.40	-711	868.25	-710	3586.54	-709	1548.13
-708	336.73	-707	444.47	-706	4132.75	-705	638.22	-704	6443.77	-703	1604.81
-702	4122.48	-701	3756.05	-700	824.16	-699	818.35	-698	6376.87	-697	922.00
-696	719.15	-695	966.95	-694	1507.19	-693	605.65	-692	1488.30	-691	2113.01
-690	3858.59	-689	5128.24	-688	1207.94	-687	1180.73	-686	1397.70	-685	883.87
-684	3273.75	-683	2594.01	-682	1847.73	-681	1144.55	-680	3887.83	-679	5787.64
-678	8228.16	-677	1548.52	-676	274.26	-675	240.94	-674	4389.48	-673	5139.72
-672	530.20	-671	352.88	-670	1619.23	-669	1136.62	-668	1480.57	-667	189.50
-666	2854.12	-665	4124.25	-664	5492.49	-663	1356.38	-662	1264.67	-661	2823.04
-660	3423.67	-659	1724.78	-658	4220.02	-657	4933.68	-656	1693.06	-655	1946.14
-654	1386.53	-653	2107.39	-652	2088.73	-651	3753.26	-650	1342.42	-649	4553.28
-648	4961.98	-647	4037.65	-646	4951.67	-645	4790.70	-644	2583.56	-643	4129.73
-642	5145.79	-641	3713.81	-640	4398.21	-639	5132.08	-638	4267.63	-637	5557.30
-636	4430.81	-635	3713.81	-634	1249.92	-633	2669.69	-632	2881.35	-631	1605.90
-630	6471.91	-629	4368.05	-628	2438.99	-627	4527.81	-626	2878.75	-625	1697.75
-624	2481.25	-623	5257.78	-622	706.93	-621	806.44	-620	806.44	-619	729.98
-618	3881.94	-617	2450.20	-616	1744.20	-615	3672.64	-614	4492.38	-613	1659.65
-612	4226.50	-611	5003.12	-608	2521.34	-607	1782.64	-606	727.16	-605	537.24
-604	1786.71	-603	653.23	-602	944.54	-601	481.19	-600	171.03	-599	177.87
-598	1100.40	-597	1025.63	-596	1746.01	-595	1753.94	-594	1516.05	-593	1135.52
-592	1899.29	-591	354.70	-590	389.34	-589	351.59	-588	351.95	-587	1219.72
-586	583.42	-585	311.96	-584	569.15	-583	188.24	-582	429.38	-581	446.68
-580	366.30	-579	1305.67	-578	793.64	-577	1798.92	-576	1910.06	-575	621.29
-574	577.62	-573	206.86	-572	1231.63	-571	410.44	-570	134.31	-569	142.53
-568	1221.46	-567	267.21	-566	1852.61	-565	425.47	-564	1231.63	-563	328.73
-562	216.96	-561	1276.40	-560	386.02	-559	190.66	-558	239.50	-557	133.37
-556	324.03	-555	1157.12	-554	966.77	-553	270.50	-552	336.56	-551	278.95
-550	370.05	-549	1081.20	-548	791.76	-547	459.28	-546	343.75	-545	1025.63
-544	1746.02	-543	1854.12	-542	446.05	-541	104.68	-540	87.65	-539	908.54
-538	1898.31	-537	304.69	-536	560.72	-535	420.30	-534	351.41	-533	206.07
-532	1318.67	-531	1096.07	-530	287.40	-529	306.75	-528	619.51	-527	745.74
-526	375.69	-525	1223.80	-524	1327.58	-523	538.17	-522	523.91	-521	442.37
-520	559.27	-519	461.99	-518	836.74	-517	250.82	-516	604.43	-515	756.53
-514	1320.23	-513	1011.54	-512	986.18	-511	941.10	-510	997.45	-509	1398.81
-508	1169.33	-507	873.48	-506	1180.60	-505	949.55	-504	1398.81	-503	305.01
-502	591.71	-501	605.80	-500	339.53	-499	2568.14	-498	1807.06	-497	1041.91
-496	1549.40	-495	1261.68	-494	775.33	-493	883.18	-492	1566.08	-491	340.17
-490	377.86	-489	377.86	-488	352.80	-487	1181.89	-486	838.41	-485	759.04
-484	1518.10	-483	1529.91	-482	769.22	-481	1839.62	-480	2018.07	-479	2891.28
-478	1662.77	-477	452.43	-476	616.06	-475	2011.29	-474	1370.37	-473	934.01
-472	2177.96	-471	306.62	-470	346.77	-469	1398.68	-468	797.20	-467	308.54
-466	276.90	-465	454.27	-464	652.66	-463	215.85	-462	238.83	-461	187.71
-460	349.08	-459	1497.24	-458	543.44	-457	9671.32	-456	10665.40	-455	712.45
-454	662.37	-453	237.22	-452	2412.38	-451	470.66	-450	154.01	-449	163.44
-448	1400.67	-447	306.41	-446	2124.43	-445	487.89	-444	1668.91	-443	2412.38
-442	376.96	-441	248.79	-440	1463.68	-439	442.66	-438	218.64	-437	274.64
-436	369.12	-435	152.94	-434	371.57	-433	1083.13	-432	1326.90	-431	953.96
-430	113.67	-429	344.08	-428	319.88	-427	424.35	-426	2117.73	-425	598.83
-424	193.00	-423	369.63	-422	1176.12	-421	1082.41	-420	1071.10	-419	277.87
-418	54.93	-417	35.40	-416	943.34	-415	1983.89	-414	662.73	-413	158.32
-412	466.71	-411	1098.27	-410	823.24	-409	358.73	-408	485.38	-407	45.24
-406	1383.62	-405	1512.14	-404	1089.03	-403	120.78	-402	310.81	-401	710.40
-400	702.32	-399	412.19	-398	1173.69	-397	1376.97	-396	1054.11	-395	858.19
-394	866.47	-393	927.18	-392	391.84	-391	1125.85	-390	209.71	-389	579.49
-388	2585.92	-387	1159.96	-386	1931.62	-385	1125.16	-384	1843.32	-383	1953.70
-382	2739.84	-381	1951.24	-380	2290.35	-379	1573.11	-378	1353.82	-377	1478.41
-376	2739.84	-375	128.17	-374	678.53	-373	1048.82	-372	577.25	-371	2944.95
-370	1687.81	-369	810.40	-368	1776.73	-367	1068.33	-366	717.16	-365	1729.88
-364	3067.47	-363	538.88	-362	563.61	-361	2314.95	-360	1642.18	-359	688.39
-358	2175.14	-357	2996.62	-356	705.19	-355	2801.77	-354	3952.77	-353	326.24
-352	2107.07	-351	819.75	-350	458.18	-349	411.19	-348	479.91	-347	1675.64
-346	203.07	-345	86.72	-344	289.79	-343	1408.59	-342	311.74	-341	2075.01
-340	1693.75	-339	3198.98	-338	4533.68	-337	288.27	-336	1998.64	-335	344.64
-334	327.41	-333	1007.68	-332	33.30	-331	887.48	-330	1866.41	-329	3878.98
-328	1934.79	-327	310.99	-326	826.52	-325	2698.37	-324	1552.84	-323	967.40
-322	2921.99	-321	411.37	-320	888.65	-319	631.45	-318	654.56	-317	1944.19
-316	333.78	-315	1963.69	-314	293.32	-313	368.46	-312	200.37	-311	205.18
-310	498.51	-309	1970.63	-308	3923.55	-307	1159.82	-306	429.15	-305	429.15
-304	563.53	-303	476.83	-302	1577.89	-301	1452.18	-300	889.13	-299	212.41
-298	596.15	-297	598.32	-296	60.69	-295	2309.96	-294	4161.01	-293	1330.80
-292	385.22	-291	953.09	-290	823.62	-289	1556.22	-288	1470.00	-287	2578.28

-286	1816.31	-285	910.32	-284	3950.99	-283	1966.10	-282	788.95	-281	2383.69
-280	1139.58	-279	206.63	-278	505.73	-277	372.80	-276	73.69	-275	245.54
-274	990.37	-273	616.98	-272	230.73	-271	195.37	-270	361.20	-269	462.13
-268	152.84	-267	65.27	-266	218.11	-265	1060.16	-264	234.63	-263	348.90
-262	167.97	-261	115.73	-260	836.21	-259	216.96	-258	1504.26	-257	147.95
-256	134.98	-255	758.42	-254	25.06	-253	667.95	-252	1404.74	-251	4417.73
-250	2203.51	-249	354.18	-248	941.32	-247	3073.15	-246	2244.90	-245	1578.16
-244	3327.82	-243	468.51	-242	423.31	-241	1707.37	-240	1063.65	-239	480.38
-238	419.43	-237	622.70	-236	796.70	-235	263.49	-234	440.64	-233	419.95
-232	467.85	-231	1827.69	-230	878.97	-229	3682.44	-228	4734.34	-227	601.49
-226	1012.07	-225	289.57	-224	3052.76	-223	719.15	-222	157.46	-221	199.51
-220	1441.60	-219	374.04	-218	2593.30	-217	745.48	-216	2214.21	-215	3052.76
-214	385.39	-213	380.14	-212	2236.43	-211	255.06	-210	334.06	-209	419.64
-208	228.20	-207	233.68	-206	567.75	-205	1213.39	-204	1585.85	-203	1320.90
-202	488.76	-201	488.76	-200	232.71	-199	2679.90	-198	641.80	-197	543.06
-196	1797.05	-195	1653.88	-194	1307.50	-193	284.09	-192	56.16	-191	43.21
-190	1151.53	-189	2421.74	-188	1012.62	-187	241.91	-186	683.12	-185	1389.81
-184	1041.77	-183	453.96	-182	688.76	-181	69.12	-180	1561.33	-179	1780.58
-178	1515.64	-177	438.72	-176	1085.46	-175	938.02	-174	409.73	-173	1485.26
-172	1742.49	-171	1333.93	-170	1086.00	-169	1096.48	-168	1173.30	-167	495.86
-166	1424.72	-165	265.38	-164	733.31	-163	3272.36	-162	1772.36	-161	2444.38
-160	1674.17	-159	2332.64	-158	2472.32	-157	3467.14	-156	2936.37	-155	2898.34
-154	1943.09	-153	2068.57	-152	1739.00	-151	3467.14	-150	1036.75	-149	1279.61
-148	700.14	-147	4499.73	-146	2736.61	-145	1395.97	-144	2714.76	-143	1787.64
-142	1120.29	-141	2189.09	-140	3881.75	-139	681.93	-138	713.23	-137	2929.46
-136	2078.10	-135	1083.05	-134	2964.47	-133	3792.09	-132	1105.14	-131	3758.27
-130	5002.06	-129	126.27	-128	309.06	-127	227.82	-126	45.03		

Totali masse nodi

Mo
<kg>
2351670.00

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia

- Modo = Numero del modo di vibrare
C = * indica che il modo è stato considerato
Per. = Periodo
Diff. = Minima differenza percentuale dagli altri periodi
 Φ_x = Coefficiente di partecipazione in dir. X
 Φ_y = Coefficiente di partecipazione in dir. Y
 Φ_z = Coefficiente di partecipazione in dir. Z
%Mx = Percentuale massa partecipante in dir. X
%My = Percentuale massa partecipante in dir. Y
%Mz = Percentuale massa partecipante in dir. Z
%Jpz = Percentuale momento d'inerzia polare partecipante intorno all'asse Z

Modo	C	Per.	Diff.	Φ_x	Φ_y	Φ_z	%Mx	%My	%Mz	%Jpz
1	*	0.92	40.93	-32.09	-1.78	0.00	0.44	0.00	0.00	0.00
2		0.66	39.80	-0.41	2.22	0.00	0.00	0.00	0.00	0.00
3	*	0.47	7.34	46.72	244.66	0.00	0.93	25.45	0.00	0.00
4	*	0.44	4.32	28.77	-337.11	0.00	0.35	48.32	0.00	0.00
5	*	0.42	0.91	29.45	0.57	0.00	0.37	0.00	0.00	0.00
6	*	0.41	0.91	387.47	-6.92	0.00	63.84	0.02	0.00	0.00
7	*	0.32	6.15	38.97	46.03	0.00	0.65	0.90	0.00	0.00
8	*	0.30	6.15	-27.16	7.96	0.00	0.31	0.03	0.00	0.00
9	*	0.28	4.92	-75.10	21.03	0.00	2.40	0.19	0.00	0.00
10	*	0.27	3.39	-44.60	-4.03	0.00	0.85	0.01	0.00	0.00
11	*	0.26	3.39	48.32	3.61	0.00	0.99	0.01	0.00	0.00
12	*	0.25	3.93	26.54	13.59	0.00	0.30	0.08	0.00	0.00
13	*	0.24	3.93	9.00	23.32	0.00	0.03	0.23	0.00	0.00
14	*	0.23	0.60	55.95	-3.36	0.00	1.33	0.00	0.00	0.00
15		0.23	0.60	8.49	0.99	0.00	0.03	0.00	0.00	0.00
16	*	0.22	1.02	-102.33	-16.92	0.00	4.45	0.12	0.00	0.00
17	*	0.22	1.13	12.30	-25.49	0.00	0.06	0.28	0.00	0.00
18	*	0.22	1.13	36.35	-13.31	0.00	0.56	0.08	0.00	0.00
19		0.22	0.20	-11.30	-16.23	0.00	0.05	0.11	0.00	0.00
20	*	0.22	0.20	-25.85	12.00	0.00	0.28	0.06	0.00	0.00
21		0.20	1.92	14.51	16.10	0.00	0.09	0.11	0.00	0.00
22	*	0.19	1.26	29.04	-27.15	0.00	0.36	0.31	0.00	0.00
23	*	0.19	0.42	-50.33	-4.69	0.00	1.08	0.01	0.00	0.00
24	*	0.19	0.42	-27.07	17.34	0.00	0.31	0.13	0.00	0.00
25	*	0.19	1.64	8.61	-31.17	0.00	0.03	0.41	0.00	0.00
26	*	0.18	0.11	38.37	6.83	0.00	0.63	0.02	0.00	0.00
27	*	0.18	0.11	45.61	5.17	0.00	0.88	0.01	0.00	0.00
28		0.18	2.11	19.91	-7.66	0.00	0.17	0.02	0.00	0.00

29	0.17	0.99	-13.23	-2.23	0.00	0.07	0.00	0.00	0.00
30	0.17	0.08	-22.54	-9.16	0.00	0.22	0.04	0.00	0.00
31*	0.17	0.08	15.60	23.04	0.00	0.10	0.23	0.00	0.00
32	0.17	1.77	-6.90	-3.37	0.00	0.02	0.00	0.00	0.00
33*	0.16	0.65	46.26	-8.64	0.00	0.91	0.03	0.00	0.00
34	0.16	0.65	-20.19	-0.51	0.00	0.17	0.00	0.00	0.00
35	0.16	1.70	6.04	15.18	0.00	0.02	0.10	0.00	0.00
36	0.16	0.69	14.05	-2.11	0.00	0.08	0.00	0.00	0.00
37*	0.16	0.69	-42.21	-13.09	0.00	0.76	0.07	0.00	0.00
38*	0.15	0.92	14.74	-41.02	0.00	0.09	0.72	0.00	0.00
39	0.15	0.59	12.58	-1.52	0.00	0.07	0.00	0.00	0.00
40	0.15	0.52	17.26	-8.06	0.00	0.13	0.03	0.00	0.00
41	0.15	0.52	6.34	-10.04	0.00	0.02	0.04	0.00	0.00
42*	0.15	0.64	-13.97	24.71	0.00	0.08	0.26	0.00	0.00
43	0.15	1.52	20.93	9.56	0.00	0.19	0.04	0.00	0.00
44*	0.14	0.32	10.25	-54.35	0.00	0.04	1.26	0.00	0.00
45	0.14	0.32	12.33	8.29	0.00	0.06	0.03	0.00	0.00
46*	0.14	0.43	-46.45	-18.88	0.00	0.92	0.15	0.00	0.00
47*	0.14	0.43	14.24	67.99	0.00	0.09	1.97	0.00	0.00
48	0.14	0.44	4.63	-16.63	0.00	0.01	0.12	0.00	0.00
49*	0.14	0.44	10.99	-34.83	0.00	0.05	0.52	0.00	0.00
50*	0.14	1.13	-13.64	18.33	0.00	0.08	0.14	0.00	0.00
51	0.13	0.46	-1.77	14.07	0.00	0.00	0.08	0.00	0.00
52	0.13	0.46	21.81	11.29	0.00	0.20	0.05	0.00	0.00
53*	0.13	0.99	-25.32	4.44	0.00	0.27	0.01	0.00	0.00
54*	0.13	0.34	-2.13	17.14	0.00	0.00	0.12	0.00	0.00
55*	0.13	0.34	-6.66	-20.83	0.00	0.02	0.18	0.00	0.00
56*	0.13	0.26	5.26	-21.50	0.00	0.01	0.20	0.00	0.00
57*	0.13	0.26	2.59	21.15	0.00	0.00	0.19	0.00	0.00
58*	0.13	0.76	-31.30	19.28	0.00	0.42	0.16	0.00	0.00
59	0.13	0.68	-5.51	12.24	0.00	0.01	0.06	0.00	0.00
60*	0.12	0.34	-6.95	19.23	0.00	0.02	0.16	0.00	0.00
61	0.12	0.34	-15.88	1.00	0.00	0.11	0.00	0.00	0.00
62*	0.12	0.90	-4.48	35.02	0.00	0.01	0.52	0.00	0.00
63	0.12	0.19	-9.41	6.71	0.00	0.04	0.02	0.00	0.00
64	0.12	0.19	-18.95	-15.66	0.00	0.15	0.10	0.00	0.00
65	0.12	0.45	15.62	-17.09	0.00	0.10	0.12	0.00	0.00
66*	0.12	0.45	-15.83	21.61	0.00	0.11	0.20	0.00	0.00
67*	0.12	0.45	-3.47	-31.46	0.00	0.01	0.42	0.00	0.00
68	0.12	0.45	14.44	10.25	0.00	0.09	0.04	0.00	0.00
69*	0.12	0.18	-2.28	18.67	0.00	0.00	0.15	0.00	0.00
70	0.12	0.18	-4.71	-9.65	0.00	0.01	0.04	0.00	0.00
71*	0.11	0.48	-25.82	-14.47	0.00	0.28	0.09	0.00	0.00
72	0.11	0.46	23.15	16.94	0.00	0.23	0.12	0.00	0.00
73	0.11	0.46	3.12	-1.98	0.00	0.00	0.00	0.00	0.00
74*	0.11	1.05	9.57	23.69	0.00	0.04	0.24	0.00	0.00
75*	0.11	0.16	-5.38	-32.32	0.00	0.01	0.44	0.00	0.00
76*	0.11	0.16	-20.14	24.36	0.00	0.17	0.25	0.00	0.00
77	0.11	0.83	-3.30	-3.71	0.00	0.00	0.01	0.00	0.00
78*	0.11	0.72	-8.50	-27.81	0.00	0.03	0.33	0.00	0.00
79*	0.11	0.72	-25.24	-10.02	0.00	0.27	0.04	0.00	0.00
80	0.11	0.76	6.21	12.69	0.00	0.02	0.07	0.00	0.00
Tot.cons.						86.24	85.71	0.00	0.00

Materiali

Muratura ordinaria

Elenco dei criteri di progetto e delle loro principali caratteristiche meccaniche utilizzate:
Murature: 13 Muratura in pietra a spacco_TABELLATI LC2

Livello di conoscenza: LC2
Fattore di confidenza: 1.20
Resistenza a taglio ($\tau_k - f_{vk0}$) <daN/cm²>: 0.65
Resistenza a compressione ($\sigma_k - f_{bk}$) <daN/cm²>: 32.00
Resistenza a compressione per forze orizzontali (f_{bk}^*) <daN/cm²>: 30.00
Modulo elastico (E) <daN/cm²>: 8700.00
Modulo elastico tangenziale (G) <daN/cm²>: 2900.00
Coeff. γ per verifiche per carichi verticali secondo D.M. 08 (γ): 3.00
Coeff. γ per verifiche per azioni sismiche secondo D.M. 08 (γ): 2.00

Legno

Elenco dei criteri di progetto e delle loro principali caratteristiche meccaniche utilizzate:
Aste in legno: 1 Abete Centro Sud S2 - EC5 (UNI 11035)
Resistenza caratteristica a flessione ($f_{m,k}$) <daN/cm²>: 280.00
Resistenza caratteristica a compressione parallela alle fibre ($f_{c,0,k}$) <daN/cm²>: 220.00
Resistenza caratteristica a trazione parallela alle fibre ($f_{t,0,k}$) <daN/cm²>: 170.00
Resistenza caratteristica a taglio ($f_{v,k}$) <daN/cm²>: 29.00

Modulo di elasticità medio parallelo alle fibre ($E_{0,mean}$) <daN/cm²>: 83333.30
 Modulo di elasticità caratteristico parallelo alle fibre ($E_{0,05}$) <daN/cm²>: 55833.30
 Modulo di elasticità tangenziale caratteristico parallelo alle fibre ($G_{0,05}$) <daN/cm²>: 5250.00
 Classe di servizio: 1
 Coefficiente parziale di sicurezza (γ_M): 1.50

Prove in sito
 Elenco colonne stratigrafiche

Simbologia

St. = Strato
 z = Profondità della superficie superiore dello strato
 Spess. = Spessore
 Unità geotecnica = Unità geotecnica
 Class. = Classificazione
 Coes. = Coesivo
 Inc. = Incoerente
 Roc. = Roccia
 N. c. = Non classificato
 γ = Peso specifico del terreno naturale
 γ_{sat} = Peso specifico del terreno saturo
 ϕ' = Angolo di attrito efficace
 c' = Coesione efficace
 c_u = Coesione non drenata
 E = Modulo elastico normale
 G = Modulo elastico tangenziale
 E_{ed} = Modulo edometrico

Colonna stratigrafica numero 1 Palazzo Comunale, Barberino del Mugello (Fi)

St.	z <m>	Spess. <m>	Unità geotecnica	Class.	γ <kN/mc>	γ_{sat} <kN/mc>	ϕ' <grad>	c' <kN/mq>	c_u <kN/mq>	E <kN/mq>	G <kN/mq>	E_{ed} <kN/mq>
1	0.00	2.10	2 Riporto	Inc.	20.50	20.69	34.87	0.01				
2	2.10	3.95	3 Sabbia ghiaiosa	Inc.	20.50	20.69	34.87	0.01				
3	6.05	4.85	4 Limo argilloso	Coes.	19.25	19.25	0.01	0.01	201.53			
4	10.90	--	5 Roccia	Roc.	25.00	25.00	40.00	5.00				

Le verifiche degli elementi di fondazione sono state effettuate utilizzando l'approccio 2 - Combinazione 1.
 Coefficienti parziali per le azioni, per verifiche in condizioni statiche:

Permanenti strutturali, sicurezza a favore $\gamma_A = 1.00$;
 Permanenti strutturali, sicurezza a sfavore $\gamma_A = 1.30$;
 Permanenti non strutturali, sicurezza a favore $\gamma_A = 0.00$;
 Permanenti non strutturali, sicurezza a sfavore $\gamma_A = 1.50$;
 Variabili, sicurezza a favore $\gamma_A = 0.00$;
 Variabili, sicurezza a sfavore $\gamma_A = 1.50$.

I coefficienti parziali per le azioni sono posti pari all'unità per le verifiche in condizioni sismiche.

Tali coefficienti sono comunque desumibili dalla tabella delle combinazioni delle CCE (Parametri di calcolo).

Coefficienti parziali per i parametri geotecnici:

Tangente dell'angolo di attrito $\gamma_M = 1.00$;
 Coesione efficace $\gamma_M = 1.00$;
 Coesione non drenata $\gamma_M = 1.00$;

Coefficienti parziali per la resistenza delle fondazioni superficiali:

Capacità portante $\gamma_R = 2.30$;
 Scorrimento $\gamma_R = 1.10$;
 Coefficienti parziali per la resistenza delle fondazioni profonde:

Per pali infissi:
 Resistenza alla base $\gamma_{R,b} = 1.15$;
 Resistenza laterale in compressione $\gamma_{R,s} = 1.15$;
 Resistenza laterale in trazione $\gamma_{R,t} = 1.25$;
 Per pali trivellati:
 Resistenza alla base $\gamma_{R,b} = 1.35$;
 Resistenza laterale in compressione $\gamma_{R,s} = 1.15$;
 Resistenza laterale in trazione $\gamma_{R,t} = 1.25$;
 Per pali ad elica continua:
 Resistenza alla base $\gamma_{R,b} = 1.30$;
 Resistenza laterale in compressione $\gamma_{R,s} = 1.15$;
 Resistenza laterale in trazione $\gamma_{R,t} = 1.25$;
 Fattore di correlazione per la determinazione della resistenza caratteristica desumibile dai criteri di progetto.

Carichi

Simbologia

Imp. = Numero dell'impalcato
 Z_{min} = Quota minima solai

Z_{max} = Quota massima solai
 Ts = Numero del tipo solaio
 Comm. = Commento
 M_{qTot} = Area solai
 Qps = Carico permanente strutturale
 CCE = Numero della condizione di carico elementare
 Qpn = Carico permanente non strutturale
 Qa = Primo carico accidentale
 Qa2 = Secondo carico accidentale
 Qa3 = Terzo carico accidentale

Imp.	Z_{min} <m>	Z_{max} <m>	Ts	Comm.	M_{qTot} <mq>	Qps <kN/mq>	CCE	Qpn <kN/mq>	CCE	Qa <kN/mq>	CCE	Qa2 <kN/mq>	CCE	Qa3 <kN/mq>	CCE
0	9.35	9.35	11	Solaio in legno_ex archivio_ante	62.61	0.60	2	1.80	3	3.00	4	--	--	--	--
0	14.13	14.40	5	Solaio copertura ante	4.66	0.95	2	0.67	3	0.93	5	0.52	11	--	--
1	4.07	4.07	1	Solaio P.1. Volta a crociera 1/2 carico	434.38	2.00	2	1.00	3	1.50	4	--	--	--	--
1	4.07	4.07	2	Solaio Volta a botte	50.62	4.00	2	2.00	3	3.00	4	--	--	--	--
1	4.07	4.07	7	Solaio Voltato corridoio fronte scale 1/2	18.55	2.00	2	1.00	3	1.50	4	--	--	--	--
1	4.07	4.07	8	Balcone	5.96	0.00	2	2.10	3	4.00	8	--	--	--	--
1	4.07	4.07	9	Solaio in legno calpestio ante	12.42	--	--	1.70	3	3.00	4	--	--	--	--
2	8.58	8.58	7	Solaio Voltato corridoio fronte scale 1/2	18.55	2.00	2	1.00	3	1.50	4	--	--	--	--
2	8.58	8.58	9	Solaio in legno calpestio ante	172.76	1.60	2	1.70	3	3.00	4	--	--	--	--
2	8.58	8.58	13	Solaio travetti+tavelle sof.sala sindaco ante	32.43	1.00	2	2.55	3	3.00	4	--	--	--	--
2	8.58	8.58	14	Solaio in legno calpestio no contr ante	12.42	--	--	1.35	3	3.00	4	--	--	--	--
3	12.35	12.35	4	Solaio sottotetto (con controsoffitto) ante	129.25	0.60	2	0.83	3	0.50	11	--	--	--	--
3	12.35	14.16	5	Solaio copertura ante	15.21	0.95	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.40	5	Solaio copertura ante	202.97	0.95	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	13.86	5	Solaio copertura ante	28.31	0.95	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.12	5	Solaio copertura ante	49.43	0.95	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.13	5	Solaio copertura ante	30.06	0.95	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	12.35	6	Controsoffitto cannicciato	88.37	0.00	2	0.35	3	0.00	11	--	--	--	--
3	12.35	12.35	7	Solaio Voltato corridoio fronte scale 1/2	18.55	2.00	2	1.00	3	1.50	11	--	--	--	--
0	13.86	14.40	5	Solaio copertura ante	1.33	0.95	2	0.67	3	0.93	5	0.52	11	--	--
0	14.12	14.40	5	Solaio copertura ante	7.97	0.95	2	0.67	3	0.93	5	0.52	11	--	--

Spostamenti massimi d'impalcato

Simbologia

Imp. = Numero dell'impalcato
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLU S = Stato limite ultimo (azione sismica)
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SLC = Stato limite di prevenzione del collasso
 SLO = Stato limite di operatività
 SLU I = Stato limite di resistenza al fuoco
 Nodo = Numero del nodo
 Sx = Spostamento in dir. X
 CC = Numero della combinazione delle condizioni di carico elementari
 Sy = Spostamento in dir. Y

Imp.	TCC	Nodo	Sx <m>	CC	Nodo	Sy <m>	CC
1	SLD	-708	0.03708	2	-723	0.00850	6
1	SLV	-708	0.09412	1	-723	0.01901	5
2	SLD	-1275	0.06801	2	-1199	-0.01954	6
2	SLV	-1275	0.17091	1	-1199	-0.04627	5
3	SLD	-2127	0.06394	2	-2049	0.02644	6
3	SLV	-2127	0.16002	1	-2049	0.06415	5

Minimo coefficiente di sicurezza

Simbologia

Elem. = Elemento
 CC = Numero della combinazione delle condizioni di carico elementari
 TCC = Tipo di combinazione di carico
 SLU = Stato limite ultimo
 SLU S = Stato limite ultimo (azione sismica)
 SLE R = Stato limite d'esercizio, combinazione rara
 SLE F = Stato limite d'esercizio, combinazione frequente
 SLE Q = Stato limite d'esercizio, combinazione quasi permanente
 SLD = Stato limite di danno
 SLV = Stato limite di salvaguardia della vita
 SLC = Stato limite di prevenzione del collasso
 SLO = Stato limite di operatività
 SLU I = Stato limite di resistenza al fuoco
 TV = Tipo di verifica
 PRFL = Flessione e pressoflessione
 TAG = Taglio o altre rotture fragili
 NOD = Nodi in c.a. e collegamenti in acciaio
 STAB = Stabilità
 CP = Capacità portante

Fascicolo dei calcoli

RNP = Resistenza nel piano
RFP = Resistenza fuori piano
CIN = Cinematismi
CON = Connessioni

Sic. = Sicurezza

Tabella elementi e minimo coefficiente di sicurezza

Elem.	CC	TCC	TV	Sic.
Maschio in muratura ordinaria 7	1	SLV	RNP	0.23
Maschio in muratura ordinaria 41	11	SLU	RFP	0.39
Maschio in muratura ordinaria 41	1	SLV	CIN	0.43

Minimo coefficiente di sicurezza:0.23